The
VULCAN LANGUAGE

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Star Trek created by Gene Roddenberry

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With very special thanks to

Barry Atwater
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and Star Trek fans everywhere
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THE VULCAN LANGUAGE INSTITUTE
SHI’OREN T’GEN-LIS VUHLKANSU

A Message From Our Director
Wuh Skladan s’Sha’Khartasu

Welcome to the Vulcan Language Institute site! This site is the culmination of work I began 23 years ago. This organization began as informal discussions amongst fans in the 1970’s and took shape as a group in 1980. Over the years nearly 45 people have participated in one way or another. My original intention was to publish our materials in a format similar to Marc Okrand’s 1985 edition of The Klingon Dictionary. We discovered Paramount Pictures and Pocket Books apparently consider the Klingon language boom a fluke and will not support other Star Trek languages. This is too bad, since we have seen that there is clear fan support for Vulcan, Romulan, Cardassian, Bajoran, and even Ferengi languages. This site is presently the only way we have to expose interested fans to our work. Our organization continues to evolve now that we are no longer a "private" group. We are non-profit but are exploring all options.

We continue to add material to our site on a periodic basis, although we slowed down substantially from our rapid growing pace of the first two years. We have a considerable body of work accumulated, since we have carried out serious linguistic, etymological and scientific work over the years. The words in our language have a history and are related to each other, unlike the work of others who randomly created words to fill gaps. We also refuse to use "word generators" and each word has been translated carefully with some thought behind it, especially the scientific and technical terminology. It has taken many years of work to build up the thousands of words in our vocabulary and we continue to flesh it out. We have attempted to build up the language from existing root words whenever possible. Our main languages, Traditional Golic Vulcan and Modern Golic Vulcan, have the feel of genuine, natural languages with a history. A dynamic language is much more exciting anyway!

We are excited with the response we have had since we opened our doors to the world on August 1998. We especially thank those of you who passed the word along to others! We hope to continue to be worthy of the praise we have received so far and get better. We are very pleased received many Internet site awards during our first years online. We want to thank these other sites and people for honoring us with their awards! Your votes of confidence are encouraging!

Our online vocabulary and grammar materials are developing. We want to especially work on the grammar materials, so that with the selection of words we have made available so far, the average person should be able to translate some basic sentences to and from either of the main Golic Vulcan languages we focus on. We have put a number of language lessons online and will add more. Other projects are in the works. Someday we will translate works of literature and the entire Bible into Golic Vulcan. I have personally translated the first two chapters of Genesis from The Bible into Golic. These will be put online in the near future for study. Be patient with us, we have lots more coming!

Dif-tor heh smusma.. (Live long and prosper!)

Mark Gardner

Page 6
An Introduction to Vulcan Linguistics
and the Old High Vulcan Languages
Traditional Golic & Modern Golic

Ragtaya na’Gen-Lis-Tal Vuhl kansu
eh Gen-Lislar Os-Pid-Vuhl kansu
Ba-Golik heh Iyi-Golik

One of the most talked about subjects in Star Trek fandom is alien languages, especially those of the Klingons and Vulcans. Over the past 30+ years, fans of the series have written about a Vulcan language of one kind or another, but most left their work incomplete. Others made things so overly complicated, that few could hope to learn it except the insiders. While the first is understandable for amateur fan linguists, the second is arrogant and not in the spirit of what Gene Roddenberry intended Star Trek to mean. We strongly feel that the effort has to be honest as well as thorough. Our work since 1980 shows that one does not have to sweat blood (red or green) to learn a Vulcan language.

One major problem is that most writers on Vulcan linguistics approached Vulcan from an Earth of the 20th Century point-of-view. Also, they neglected to consider that there must be more than one major language in use on the planet Vulcan. These people acted as if their language was the only “real” version and refused to accept anyone else’s work. We have had people react to us this way. Considering the hundreds of languages on Earth, it is beyond a shadow of a doubt that many languages did and still do exist on Vulcan. We all have to remember that the Vulcan languages are alien languages. They are not related to any of the languages of Earth! Trying to fit them into a human mold is definitely illogical. Our research has been conducted as a professional, scholarly project.

Many years ago, in the early days of fandom, the only examples of any Vulcan language were a handful of words from the series and a couple novels. Many fans set out to create a Vulcan language dictionary and grammar. They “filled in the gaps” by creating words consisting mostly of the letters “S”, “T”, “P” and “K”. Although some of these vocabularies were quite creative, most of them were thinly disguised English or other language words. Much of these early works have disappeared over the years as the authors aged, passed away or official literature made their works “obsolete”. Many long-time fans have probably heard of the Vulcan Language Guide, a pamphlet published by April Publications in 1977. They were sold via mail and at many conventions over the years. The Vulcan language in that guide is suspiciously similar to Japanese! Several years ago, an acquaintance of ours from Japan, Akira Kawamura, suggested this anonymous work may have been written by a Japanese-American fan! After the release of Star Trek: The Motion Picture and its spoken Vulcan, further work on their material apparently ended. Despite this, it opened up the eyes of many early fans, including that of our founder and several early members.

The first person outside of our group (that we know of by name) who made an effort with the Vulcan language was Katherine D. Wolterink, a frequent contributor to the old Trek magazine and the Best of Trek.
series of books in the 1980s. In The Best of Trek #10 she presented a Vulcan lexicon. Unfortunately, she insisted on giving it all the articles, pronouns, prepositions, etc., of an Earth language. She twisted the speech from Star Trek: The Motion Picture to fit. Vulcan languages developed independently from Earth, so cannot follow the same pattern and structure we have here. Also, she thought that Saavik and Spock spoke Romulan together in The Wrath of Khan (The Best of Trek #7). First of all, it would be a major offense for Starfleet officers to speak an enemy language on board a Federation starship, unless training for an undercover mission in Romulan space. Also, the structure of the transcribed speech was not dissimilar from previous examples of spoken Vulcan. Later, in a chat session, Marc Okrand, famous for his Klingon work, stated that it was Vulcan and not Romulan, since he was the one who came up with the spoken dialogue for that movie! Again, Vulcan is an alien language and you can’t analyze it with a system used for Earth languages. Mark R. Gardner, the founder of the Vulcan Language Institute, submitted several articles to Trek back then but none were published before the publication disappeared. One of those articles was expanded into this introduction.

The real break in the study of Vulcan languages came with the release of Star Trek: The Motion Picture. In a most wonderful scene, Spock has completed years of the Kolinahr training and is waiting to receive a symbol of total logic for his efforts. We finally are treated to hearing Vulcan spoken in more than single words. Music to the ears for Vulcan fans of Star Trek! In the next two movies, we are pleased to have additional Vulcan to enjoy. Later television series episodes and the successful line of novels also added words. We almost decided to ignore the novels, since Paramount Pictures has advised that they do not take anything in the early Bantam or current Pocket books as canon in Star Trek chronology or history. Basically, the official line is that all of the novels, unless an “official” novelization of a movie or TV episode, are apocryphal or non-canon. We eventually decided to include some novel words because we felt it was of value in linguistic study. The words are “real” even if the events are considered “fiction” within the Star Trek universe!

Why an interest in Vulcan languages? First of all, our founder has been a fan of the show since it first was on. “Amok Time” was a fascinating episode and started him wondering about other facets of Vulcan life, including their language. To Mark, languages have always held a great fascination. Though not exposed to a second language at home, he began to teach himself French at age 9, German at age 11 and Russian at age 16. He also studied Latin, Greek and Middle English. He was an exchange student to Iceland in high school. He learned a lot of Icelandic (little changed from Old Norse) while he was there. It was only logical that he went into linguistics when he joined the U.S. Navy. He completed a year-long Russian course at the Defense Language Institute in Monterey, California, with honors. In the Naval Security Group, he was a transcriber and analyst. He was stationed overseas in Turkey and Scotland. In Turkey he learned enough Turkish to get by in simple conversation; in Scotland he spent so much time off base, that he developed a Scottish accent that confused his fellow Americans! After leaving the service, he started to study such things as Old English and American Sign Language. Mark even spent a year inventing a language that had no irregularities and simplified grammar, based loosely on Old Norse and Old English. It is called Garnik. Should he return to college for a post-graduate degree in linguistics, he plans to use this as the basis of his master’s thesis. Other past and
present members of the Vulcan Language Institute are also fans as well as linguists.

Only after having studied a number of languages and learned a lot about Linguistics, can one be anywhere near being qualified to study an "alien" language. One does not need a doctorate to do this, just to be well-read and open-minded. Mark freely admits that he is no expert on all facets of Linguistics and that's where having intelligent and educated colleagues comes into play. A number of people have come and gone in our organization over the years, adding to the project. One of the most important factors when analyzing any language is understanding the people and culture behind the language. In this case, unless you understand the Vulcans, you can't explain their language. Vulcan philosophy and language are tied together somewhat. Logic extends into the language. A linguist studying Vulcan languages, especially those in post-Surak use, must also be something of a philosopher.

Transcription of another language into one's own alphabetic system is not an exact science. Anyone who has tried to convert Chinese, Japanese, Greek, Russian, etc., into the Latin alphabet knows what we mean. It is possible to come close in approximating the sound of the other language, but no system has been found that can represent any and every language. This is true with Vulcan languages. After the first contacts between Earth and Vulcan, a system came into use that was convenient to humans but "embarrassing" to the Vulcans. For example, in English, the letter "Y" can be either a vowel or a consonant, but the corresponding character in Vulcan is only a consonant. To express the "Y" vowel-sound in Vulcan you must use the diphthongal "AI", never "Y". It is most illogical to have two ways to express the same sound. (The Bolsheviks on Earth, after the Communist Revolution, dropped "redundant letters" from the Russian alphabet as unnecessary, for example.) Although a later Federation conference adopted a reformed system for transliterating Vulcan into what had become Federation Standard English, you still often see misspellings such as thyla or kathryla. Old habits are hard to break.

Mark didn't really begin to take a serious linguistic interest in Vulcan languages until he saw ST:TMP when it first came out. When the Vulcan Kolinahr Master, T'Sai, opened her mouth and out came Vulcan, he was awestruck! It wasn't until after The Wrath of Khan that Mark began to work with others on a professional analysis of spoken and written Vulcan. He bought the first three movies on the then-superior Beta format and began the arduous task of transcribing the Vulcan spoken in the movies. Since he had done similar stuff in the service, this was old hat. In all, he spent at least 50 hours playing the movie scenes with spoken Vulcan over and over again until he got the phonetic sounds down. Comparing the transcription with facial and lip motions to confirm some vowel and consonant sounds that were harder to hear turned out to be of no use. It turns out that the actors originally spoke in English with exaggerated mouth movements! This was an unexpected surprise. After several years, Mark was finally able to talk to one of the production crew, who informed him that the actors were instructed to exaggerate the way they spoke in order to make it "exotic" sounding. Only later, did the staff dub over the original dialogue with spoken Vulcan for more realism. On one of our pages, you will find a comparison of what was actually said, what was spoken via ADR (ie, voice dubbing), and what the subtitles said. It is very interesting historically, of course, but we will ignore whatever was originally there for our research, because the Vulcan speech and the subtitles are what we consider the "official" version we've based our
work on. As far as we know, we are the only group to know of the exact original dialogue, unless someone has a copy of the shooting script!

Anyway, to make sure that he wasn’t hearing things, Mark took an audio cassette of the spoken Vulcan to an acquaintance who was fluent in seven languages and worked as a speech therapist with hearing and speech-impaired people. Mark gave him the tape without telling him what it was and asked him to transcribe it. (If Mark had told him it was from Star Trek at the beginning, he probably would have refused.) Mark was very pleased to see that he achieved nearly identical results. They only disagreed on three sounds out of the Kolinahr sequence sentences. Not bad at all! Mark then told him what the sample was and he ran it through a sound analyzer similar to that which is used for voice print comparisons by law enforcement agencies. The last few questionable parts were cleared up when the tape was slowed down and was analyzed sound by sound.

When Mark first began this Vulcan language project, he saw himself putting out a book similar to the first edition of The Klingon Dictionary. Marc Okrand’s wonderful book which started the whole Klingon language ball rolling. We also took inspiration from the newer Klingon Language Institute. We’ve made a number of attempts over the years at contacting Mr. Okrand and dealing with Pocket Books about this, but eventually gave up the idea after it became obvious there would be no support for anything other than Klingon from the powers that be. Unfortunately, in that online chat session with Marc Okrand many years ago, our founder was unable to get any word in because of all the people on at the time. Amongst our group, we have read every Star Trek novel (even the hard-to-find non-Pocket Books ones), as well as watched all the movies, the original series, the animated series, and the newer TV spinoffs. We’ve taken all Vulcan words we could find in writing or in speech and recreated a complete grammar and dictionary of what Gene Roddenberry called “Old Vulcan” in his novelization of ST-TMP, but which we gave the general name “Old High Vulcan”, because “Old Vulcan” is too easy to confuse with the “Ancient Vulcan” root language. “Old High Vulcan” is actually comprised of two close languages -- Traditional Golic Vulcan (the formal language of Surak and continuing planet-wide language of ceremony) and Modern Golic Vulcan (a less formal and contemporary version of the same language which is used as a regional and clan dialect). It has been a very long project and we are still finding an occasional word here and there to add to the list. At present there are thousands of words in the lexicon we have assembled. Hundreds of these words are direct from television, novels or the movies. Unlike others, who use random generators to make up most new words, we have built up the language from word roots using sound language theory. Only in cases where no obvious roots exist did we create Vulcan-sounding words. In this way we are unique.

An analysis of the language of the movies (Golic Vulcan) proves that it is a compounding language -- small words and roots are combined to make new words. Mark and the early contributors broke the words down to their roots and then built up the additional vocabulary from there. This is an example of linguistic “reverse engineering”! (This is based on a technique similar to that which linguists use to decipher ancient texts from fragments of a language.) Some examples of this compounding are: khaf-spol (literally “blood-pump”) which means “heart” and rulut-masu (literally “mouth-water”) which means “saliva”. A number of Earth and other Federation languages also compound like this (or did at an earlier point).
Additionally, our analysis of the Golic Vulcan languages shows they are more phonetically logical in structure than English. There is an alphabetical character for each unique consonant sound and there are five vowels which can combine into diphthongs. In all, there are three groups of three sets of three letters (3 x 3 x 3 = 27) in the Vulcan alphabetic system. The letters are in the order of most common to least common at the time of the Vulcan language reforms. Since then, of course, the frequency of letters has changed. Anyone that says that the Vulcan alphabet goes A B D E F G ... has had too much Romulan ale. The actual Vulcan order of their letters is:

S T P K R L A Sh O U D V Kh E H G Ch I N Zh M Y F Z Th W B

The digraphs are a single letter in Vulcan, for which no counterpart exists in Federation Standard English. You will also notice that there is no “C”, “J”, “Q” or “X” in Old High Vulcan. The “J” was dropped during the language reforms suggested by Surak and his followers (it survives in Romulan and several other Vulcan dialects); and “C”, “Q” and “X” never existed, although it is possible to see a few Vulcans with names like Xon, which is due to the previously mentioned inaccurate Federation translation system. (The famous Vulcan, Spock, has had his name misspelled and slightly mispronounced for most of his adult life. His name was spelled “S-P-O-C-K” because it sounded like that to untrained Federation ears. Since “C” does not exist in Vulcan, his actual correct name would have to be something like Spahk, Spakh, Spahkh, Spakk, Spohk, Spokkh, Spokh or Spokk. But which one? It is hard to be sure, since T’Sai in ST:TMP pronounced it like “SPOHKH” once and “SPAHK” twice. We think that “Spahkh” is the only one that fits most accurately, especially since it is close to the way that Federation speech has rendered it. Since all Vulcan names had a meaning originally, it is possible that the more formal Old High Vulcan speaker pronounced his name in a more archaic way at one point as a honorific, hence the one-time “SPOHKH” pronunciation, then reverted to the more common “SPAHKH” when her surity of his having successfully completed Kolinahr was in doubt. If you watch the subtle facial expressions of T’Sai in ST:TMP, you can see reverence, pride, doubt, distaste, and disappointment. Not exactly what you’d expect from a Kolinahr Master, but there all the same!) Nevertheless, nearly all sounds of Federation Standard exist in Vulcan. The J-sound in “jam” can be approximated by “dzh”, which appears in Old High Vulcan, but the soft TH-sound in “though” does not exist in any known Vulcan language. This is why Vulcans have little trouble mastering Federation Standard. See the grammar section for additional pronunciation guidelines.

Let’s talk briefly about the grammar and structure of the language: One thing you notice right away when you compare the spoken language to the subtitles is that the order of Golic Vulcan is quite different. When you break down the sentence, it is obvious that the verb often comes first. This is also the case in some Earth languages. But the verb can also move to show emphasis.

Early on, we spent a lot of time looking for patterns, affixes and repetitions. There is no definite article (the) in Golic Vulcan and indefinite articles (a, an) are rarely used! If you really think about it, these are not absolutely necessary -- we are just used to them. The Russian language, for example, doesn’t use them and it is quite expressive. As a language spoken by logic adherents, Golic Vulcan dropped parts of speech that were redundant or unnecessary. Here’s where most Vulcan analysts make their first mistake -- they try to find definite articles in Vulcan.
speech. Since they are not there to begin with, the analysts’ imaginations take over and they create convoluted systems or invent sounds that just aren’t there. We chuckle at some of these imaginary parts of speech. “The” is an Earth concept!

The next thing that some Vulcan analysts try to fit in are prepositions. Yes, Vulcan does have prepositional forms but they rarely stand alone. These “prepositions” usually take the form of prefixes. The best example of this occurs in sentences spoken in ST:TMP. There is something that sounds something like “toe Kolinahr” or “tuh Kolinahr” to some fans. This is actually t’Kolinahr. The “t” is a possessional prepositional part of speech that means simply “of” or “belonging to”. (Some people, like Katherine Walterink and several others, tried to make this “toe” or “tuh” into the definite article “the”, which was clever but it does not appear regularly enough to make it work.)

The next thing that some people who analyzed Vulcan did is automatically assume that there has to be a typical English subject-verb-object relationship in Vulcan. Not so! Since the Vulcans are very intelligent and waste of effort is an anathema to them, the subject and/or the object are often dropped from speech when they are implied. Once a subject and/or object is mentioned in conversation, it is not repeated in every sentence unless emphasis is required. Vulcans are more than capable of keeping track of the subject/object currently being discussed.

This omission of words that are implied is even more obvious when it comes to personal pronouns and the like. They exist but are used sparingly because the context of conversation usually implies the possession of an item. If you are talking to another person about yourself and then mention the word for “ball”, it is assumed by Vulcans that it is “your own ball”, etc. Vulcans grow up with this system and have no problem keeping track of what is whose during the course of a conversation. The grammar section has additional information on this.

There are two forms of verbs in Vulcan -- strong and weak. When the language reforms took place around the time of Surak, there was a strong desire to completely revise the language so that all verbs followed the same pattern. Tradition won out over change in a compromise to approve other changes. This was an example of the newly embraced Vulcan belief in logic and the IDIC philosophy. Weak Verbs are formed by taking a word root and suffixing “-tor” to it. These are very common in the Golic Vulcan languages. Examples are dif-tor (to live a long time), zup-tor (to labor), and fal-tor (to rejoin), all three are direct from movie dialogue. The form is the same for all persons and tenses. Only context says whether it is simple past, present or future tense. Strong Verbs can be regular or irregular. Irregular Strong Verbs can come in any form, like estuhi (to touch) or pstha (to search), and are usually descended from ancient words. They act the same as Weak Verbs. Regular Strong Verbs always end with the letters “au”. In present and simple future tense the verb is the same as the infinitive. In simple past tense, the ending changes to “al”. All three types of verbs are treated the same way in perfect past tense and definite future tense. In the perfect past tense, the verb is prefixed with “ki”. For example, sarlah (to come) and kisarlah (has come). In the definite future tense of Traditional Golic (the older form), the verb is preceded by the word fa-wak (future). For example, fa-wak pehkau can mean “will stop” or “shall stop” (literally “future to stop”). In Modern Golic, used by most contemporary speakers, these would be dungi-pehkau (“will stop”) and dungau-pehkau (“shall stop”).
We have covered a considerable amount of material in this introduction to the Golic Vulcan languages and our work on Vulcan linguistics. Our challenge to you: Pop your copy of Star Trek: The Motion Picture into a VCR and follow along with the sentences (on the example phrases page) as the Vulcan Kolinahr Master, T'Sai, and her subordinate speak them. If you've studied the pronunciation guidelines we've provided, you should have no difficulty in following it. On this site, we will provide you will the tools to learn some basic Golic Vulcan through lessons. This site will expand and change as time goes by and we receive feedback.

Some members of our group, your fellow Star Trek fans, have spent nearly half their lives on this research. We hope you will find it of great use now and in the future. Someday, perhaps, we'll be able to speak it together. Until that day, "Dif-tor heh smusma." (Live long and prosper!)
GOLIC VULCAN-FEDERATION STANDARD DICTIONARY

"A" to "E"

ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU

> A< na' > E<

This is a major portion of our Golic Vulcan Language vocabulary but not an unabridged reference. All words here have been verified. These words can be used for both Traditional Golic Vulcan and formal Modern Golic Vulcan, except where noted. If you printed or saved a version of these words prior to February 15, 2004, please discard that obsolete material.

The abbreviation (anc.) means the word comes from an ancient, often non-Golic, source; (obs.) means the word is considered obsolete in contemporary use in the Golic Vulcan languages. All other abbreviations are standard abbreviations that should be easily understood. Also, the Golic Vulcan languages have adopted words from other Vulcan languages, both living and dead.

A’rak -- positive (polarity)
Aborau -- boost (v.)
Abrash -- flood (n.)
Abru' -- over
Abru’le -- upward(s)
Abru’mesukh -- across (obs.)
Abru-mal -- thigh
Abru-tor -- erect, put up
Abrunaf -- uplink (n.)
Abruenik -- upright
Abulau -- increase (v.)
Achut -- brush (n.)
Aftum -- kitchen
Afer-tor -- establish, found (v.)
Afsakau -- declare, proclaim
Ahkh -- war (anc.)
Ahkhinahru -- ancient battlefield psionic warrior
Ahkhsu -- warrior
Ahl-tukh -- iridium
Ahm -- name
Ahn-vahr -- ancient suicide dagger
Ahn-wun -- ancient whip-like weapon
Ahs -- jaw
Aifa -- these
Aikum -- moon
Aikum-ek’duv -- lunar eclipse
Ain -- garment
Aisha -- cause (v.)
Aitlu -- desire, want (v.)
Ak -- soon
Ak'spra -- heretic, unorthodox (anc.)
Ak'wikman -- surprise (v.)
Akharshif -- a long time
Akali -- urgent
Akansu -- alien (n.)
Akhlami -- among us
Alem -- salt
Alem-tukh -- sodium
Aluk -- fish (n.)
An-kharkh -- fear (obs.)
An-prele -- pain control meditation
Ar’kada -- work (v.)
Ar’kadan -- work, chore, task, job
Ar’tu -- project (n.)(anc.)
Arlanga -- a Vulcan mountain range
Arlanga-tukh -- yttrium
Aru -- afternoon
Aru-yem -- dinner, "afternoon meal"
Asal -- morning
Asal-yem -- breakfast, "morning meal"
Ash’ya -- foot
Ash-tor -- step, tread (v.)
Ash-vel -- shoe
Ashau -- love
Ashenau -- raise, elevate
Ashiv-tor -- repeat (v.)
Ask’er -- army
Ask’ersu -- soldier
Askital -- military (n.)
Au -- them, they
Aukh -- gypsum
Ausham -- venom
Aushfa -- animal (n.)
Aushfa-kelek -- barn, stable
Aushfa-tal -- zoology
Aushfamaluhr -- animal, beastly, savage (adj.)
Avon -- hunger (n.)
Avon-telik -- hunger (v.)
Awek -- private
Awek’es -- privacy, solitude
Ayau -- tilt (v.)

Ba-tak -- tradition (anc.)
Bablivau -- designate
Bah-ker -- garden
Bahsu -- gardener
Bai’elkrul-akteiben -- attainment
Bai-lak-pa -- self-pity (anc.)
Bak -- rib
Bal -- group, set (n.)
Bali -- thick
Bali-thonek -- caliper
Balkra -- an aromatic casserole (anc.)
Banu -- speak of/about
Bar-got -- herb
Bar-kas -- spice
Bashan -- migration
Batai -- sturdy
Bau-tor -- disregard, ignore
Be' -- beside, near, next to
Be'es -- nearness, proximity
Be'hai'la -- guest
Beglanau -- notice (v.)
Behsu -- neighbor
Bek-tor -- wait (v.)
Belaar -- Summer (season)
Ben -- to us
Bes -- drawing
Bes-tor -- draw (v.)
Besan -- chart, map, plot (n.)
Besau -- chart, map, plot (v.)
Besu -- companion
Betau -- approach, near (v.)
Bezhun -- eye
Bezhun-masu -- tear(s)
Bikuv -- picture
Bishau -- swarm, teem (v.)
Bling -- cymbal
Bohrau -- cure (v.)
Bolau -- need (v.)
Bolaya -- need (n.)
Bosh -- full
Boshak -- filling (n.)
Boshau -- fill (v.)
Bov -- average (n.)
Bov-tor -- average (v.)
Bovik -- average (adj.)
Brag -- crypt, tomb
Bral-tukh -- gallium
Brash'es -- fecundity
Bru -- lip
Buhfik -- perfect
Buhl-, Buhlik -- enthusiastic
Buhn -- coin
Buk -- fate, destiny
Bulom-tukh -- molybdenum
Burun -- crisis

D'mallu -- large, carnivorous plant
Da -- pebble
Da'Nikhirch -- Eye of Fire, Fire-Eye, ie. the Vulcan Sun
Da-fek -- axle
Da-kuv -- circle
Da-nel -- cycle
Da-sfek -- axis
Da-tor -- rotate, turn
Dafel -- pelvis
Dah-wak -- twice
Dahek -- duo
Dahkvalu -- parabola
Dahl-tor -- detach, disengage
Dahl -- apart
Dakh -- cast out (v.)
Dan -- rotation, turn(ing)
Danau -- explain
Danik -- most (adj.)
Dap -- mercy
Dap-lan-pa -- children's game similar to Mercy or Uncle
Dash-tor -- injure
Datau -- propel
Dataya -- propulsion
Dator -- prepare
Dau -- affect
Dau-tukh -- hormone
Dawan -- a person who cannot be counted on
Daya -- effect
Dayek -- propeller
Def -- batch (n.)
Deik -- file (document)
Del -- rim
Desh'rak -- north
Desh-tukh -- dolomite
Deshker -- question
Di'kizh -- exchange (n.)
Dif-tor -- live long, live a full life
Din-tor -- miss (v.)
Dir-, Dirik -- coarse
Do -- than
Dohn -- board, plank, playing surface for a board game
Dok -- brick
Dol-hinek -- clavicle
Dom -- so (exclamation)
Don-ka -- rich, wealthy (anc.)
Don-tak -- riches, wealth (anc.)
Donkes-tor -- finance (v.)
Donketu -- funds
Donku -- money
Dor -- honor (n.)
Dor-tor -- honor (v.)
Dorli -- honorable
Dotokau -- fine (v., penalize)
Drahk -- throat
Dref -- rake
Drizh-tor -- itch (v.)
Du -- you
Dud -- a small piece of paper, film, etc.
Duf -- leather
Duh(·) -- daffy, foolish, goofy
Duk -- bubble (n.)
Dukal -- ball
Dulai -- tough
Dun -- paper
Dun-zhuksu -- paper-maker
Dunap -- book
Dunapshausu -- book-binder
Dunapsu -- librarian
Dunesh -- brochure
Dungi -- will (v.)
Dungau -- shall
Duta'es -- diplomacy
Dutar -- diplomat (anc.)
Dutarik -- diplomatic
Dutarik Sklada-Dvin T'Khasi -- Vulcan Diplomatic Courier Service
Duv -- shadow, umbra
Dvatai -- doctrine, principle, tenet
Dvel'nahr -- old concept of "Vulcan-by-choice" (anc.)
Dvel-tor -- choose
Dvesh-tukh -- brass
Dvin-tor -- serve
Dvinsu -- servant
Dvolau -- set, adjust
Dvun -- move(ment)
Dvun-tor -- move (v.)
Dvunek -- muscle
Dvunel -- motion
Dwemish ni-an -- training: isolation of identity
Dzharel -- "jarel", a small, horned horse-like animal
Dzhinau -- refer
Dzhya'an'Kahr -- "Jia'anKahr", a Vulcan city
Dzhyan-tukh -- beryllium

Eh -- and (after a vowel sound)
Eik -- wide
Eik-vath -- width
Eiktra -- plain (n.)
Ein -- some
Ein-veh -- someone
Ein-wilat -- somewhere
Eitau -- shear, cut away (v.)
Ek, Ek' -- all, total, complete
Ek'an -- maximum
Ek'anau -- maximize
Ek'kal -- sphere
Ek'man'es -- safety
Ek'mishan -- technology
Ek'nosh -- climate
Ek'rak -- in all directions
Ek'tal -- science
Ek'talsu -- scientist
Ek'te'kru -- authority
Ek'tra -- planet
Ek'wak -- forever
Ek'zehl -- border
Ek'zer -- jewel, gem
Ekon -- god
El -- free
El'as -- freedom
El'ru -- hand
El-wak -- leisure
El-tor -- (set) free (v.)
Elakh -- cable, line
Elat -- knob
Elek -- pointer, hand (of a clock, etc.)
Elmin -- oil
Elsaku -- leash, tether (n.)
Enok-kal fi-lar -- training: processes of definition
Ertau -- bother, disturb
Es'merka -- habit(s)
Esh -- breath
Esh-tor -- breathe
Esh-tukh -- oxygen
Eshak -- "eschak", destructive psychokinetic effects
Eshikh -- desert
Eshu'a -- demon
Estuhl -- touch (v.)
Etek -- us, we (normal)
Etwel -- us, we (superior)
"F" to "I"
ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU
> F < na' > I <

Fa' -- before, in front of
Fa-gad -- tomorrow
Fa-glan -- foresight
Fa-patam -- forehead
Fa-wak -- future
Fa-wak-glansu -- prophet
Faf-kur -- pink
Fai-tor -- know
Fai-tukh -- knowledge
Faik -- data
Faika-, Faikaik -- exact (adj.)
Fainu -- (the) known (n.)
Faka -- hernia
Fakovau -- prevail
Fal -- hot
Fal-tor -- rejoin, put back together
Fal-tor-pan -- refusion of body and soul
Falek -- heat
Falek'es -- temperature
Falun -- charge (electrical)
Fam -- lack, dearth
Fan -- any
Fan-veh -- anyone, anybody
Fan-wilat -- anywhere
Fanet -- ornament (n.)
Fas-tor -- cook (v.)
Fasek -- oven
Fash -- hood
Fassu -- cook (n.)
Fasel -- from (a superior)
Fator -- continue
Fau-tor -- ride (v.)
Fau-yut -- road, street
Feh -- peak (n.)
Feihan -- chief, leader, boss, "feyhan"
Feim -- list (n.)
Feim-tor -- list (v.)
Fek -- pole, rod, staff, post
Fel -- oar, paddle (n.)
Fel-tor -- paddle, row (v.)
Felu -- nail (finger, toe)
Fen-tor -- seal (v.)
Fenul -- seam (n.)
Fer-tor -- generate
Fereik-tor -- invent, create
Fereikan -- invention, creation
Fereiksu -- inventor, creator
Ferek -- generator
Fezanikau -- forecast (v.)
Fezhau -- dissolve
Fi' -- on
Fihal-tor -- embark, get onto
Fihet -- stable (adj.)
Fik -- top
Fim -- dose (n.)
Fir-tor -- brace (v.)
Fish-tor -- damp(en), turn down, lower (a setting)
Fishek -- damper, dampener
Fitor -- carry out, execute
Flakosh -- distress (n.)
Flan -- intense
Flan'es -- intensity
Flash -- swamp (n.)
Flau -- pollute
Fleitau -- strip (away)
Flek -- odd, strange, weird
Floku -- spoon (n.)
Flutash -- placenta
Fnash-vel -- broom
Fnashtau -- sweep (v.)
Fnau(-) -- tame, domesticated (adj.)
Fnesh-tukh -- bromine
Fnish-tor -- smell (v.)
Fnu-ven -- hate, hatred
Fo -- shell
Fo-dan -- shield (n.)
Fo-wein -- armor, shutter
Fokarikau -- reinforce
Folau -- react
Folaya -- reaction
Folu -- turquoise (stone)
Fon-ta-nel -- children's game similar to blindman's buff
Fonn -- loyal
Fonn'es -- loyalty
Fori-kol -- Vulcan vegetable stew
Fosh -- defense
Fosh-lan -- First lieutenant (army/marines); Lieutenant (jg) (naval)
Fosh-tor -- defend
Foshek -- barrier, barricade
Foshinahru -- ancient defensive psionic warrior
Foshuhi -- shed (v.)
Fu -- gender, sex
Fudau -- regard (v.)
Fukat -- buffer
Fulag-tor -- lead (v.)
Fulaquis -- leader
Fun-tor -- return (v.)
Fun-wun -- ancient boomerang-like weapon
Fupa s' -- according to
Fusik -- bashful, shy
Gad -- day
Gaf -- hip
Gahv -- amethyst
Gakh -- wart
Gal-tor -- lean, list (v.)
Galat -- lean, list (n.)
Galu -- atom
Galu-svitan -- (atomic) nucleus
Galupik -- atomic
Galutravek -- molecule
Gan -- shallow
Gas'rak -- right (direction)
Gasu -- flux (n.)
Gau -- pulse, pulsate, throb (v.)
Gav -- chalk
Gef -- coast, (sea)shore
Gehnli -- essential
Geldau -- hang (v.)
Gen-lis -- language
Gir -- root
Gis-tukh -- arsenic
Gisam -- poison
Gish -- expect
Gishen -- what one expects
Gishu -- (the) expected (n.)
Gla-tor -- see (v.)
Glan -- sight
Glantau -- observe
Glantaya -- observation
Glantokau -- signal (v.)
Glantokaya -- signal
Glashau -- scan (v.)
Glat -- sign (n.)
Glayek -- camera
Glazhau -- look (v.)
Glozho -- elixir (anc.)
Gluc -- deep
Gluder -- depth
Gluvau -- show, exhibit (v.)
Gnal -- tumor
Gof -- toe
Goh -- only, merely
Gol -- high plain region, home to the Kolinahru
Gol'nev -- aid, help (n.)
Gol'nevsu -- aide, helper
Gol-tor -- aid, help (v.)
Gol-tukh -- rubidium
Gonaf -- button
Gosh -- abyss
Grashau -- abrade
Grat -- skull
Grazhau -- grind (v.)
Grazhiv -- dust, powder
Grei -- limit (n.)
Grut -- agate
Gu-vam -- duty
Gubi -- stigma
Guf -- socket
Guhf-, Guhifik -- boring (adj.)
Guhl'ës -- confidence
Guhsh -- debris, garbage, refuse, trash, offal, rubbish
Guv -- gender, sex

Ha -- yes, affirmative
Hafek -- candle(stick)
Hæ'gel -- light (illumination)
Hæ'gel-tanaf -- photography
Hæ'gel-tanafsu -- photographer
Ha'kiv -- life
Ha'tanau -- give off light
Ha'u -- the Living
Ha-kel -- home
Ha-tor -- live (v.)
Haf -- gap
Hafau -- remain, stay (behind)
Hag-, Hagik -- easy
Hahf -- adversary, foe
Hafoon -- banner, flag, pennant
Haishau -- demand (v.)
Hakau -- heal (v.)
Hakausu -- healer
Hal -- car, cart (anc.)
Hal-masu -- gasoline, petrol, liquid fuel
Hal-tor -- go, proceed
Halän -- trip, trek, voyager
Halek -- wheel
Hali -- vehicle, conveyance
Halitra -- fleet, flotilla
Halovau -- travel, journey (v.)
Halovaya -- journey, travel(s)
Han -- nose
Haniwah -- Vulcan seed-plant
Hanuvau -- flicker (v.)
Haran -- legendary "fire beast"
Has -- disease
Has-bosh -- sick
Has-mar -- sickness
Has-tal -- medicine (the medical field)
Hasam -- toxin
Hasau -- sicken, become ill
Haseret -- medicine (medication)
Hash-tor -- fly (v.)
Hashsu -- pilot, flyer
Hassu -- healer, doctor, physician
Hasu -- a living person/being
Hasuk -- medical (adj.)
Hau -- add (v.)
Haul-kur -- silver (color)
Haul-tor -- reflect
Haul-tukh -- silver (metal)
Haulan -- reflection
Haulat -- mirror
Haluek -- reflector
Haurok -- a Vulcan bird
Hayal -- calm, placid
Hayalit -- a small Vulcan burrowing animal
Heh -- and (after a consonant sound)
Herbosh -- empty
Herishek -- blender (n.)
Hertak -- baffle (n.)
Hesha -- fold (v.)
Hi -- but
Hif-bi -- to me (superior)
Hiktra -- font (type)
Hil-tor -- dig (v.)
Hilek -- digger, shovel, spade
Hinek -- bone
Hinek-tukh -- calcium
Hirat -- grape-like Vulcan plant
His-tor -- strain (v.)
Hish-tor -- print, press (down on)
Hishel -- stress (n.)
Hishsu -- printer (person)
Hiya'es -- expertise
Hiyasu -- expert (n.)
Hiyet -- enough
Hizhuk -- quiet (adj.)
Ho-rah -- ritual (anc.)
Hohl-tor -- shave (v.)
Hoknau -- gather, accumulate (v.)
Hokni'es -- consciousness
Hosh-tukh -- fluorine
Hotor-, Hotorik -- formal (adj.)
Hu'a -- mythological demon seductress; succubus (anc.)
Huhk -- hiccup (n.)
Huhsh -- cough (n.)
Huhtik -- solid (adj.)
Hushau -- gasp (v.)
Hutau -- shake, quake (v.)

I, I' -- now
If -- which
Ifis -- transport(ation)
Ifis-tor -- transport (v.)
Ifis-ur -- travel tube, "subway"
Ifisek -- transporter
Igen -- sky
Igen-tukh -- atmosphere
Igen-va -- weather
Ihn -- dense
Ihn'es -- density
Ihsek -- fog
Ihv-tor -- pry (v.)
Ik-banu -- "the subject of discussion"
Ikap-tor -- close, shut (v.)
Ikapirak -- meditation: "closed posture"
Ikun -- cone (shape)
Il -- or, nor
Im-tukh -- argon
In-du-ka -- small, red-leaved tree found near water (anc.)
Ip-sut -- conceal, hide
Iruk -- far, distant
Is -- use (n.)
Is-fam -- useless
Is-lof -- function (n.)
Is-tor -- use (v.)
Isachya -- hair
Isan -- usage
Ish-veh -- that one
Isha -- also, too
Istau -- wish (v.)
Isu-keh -- a type of bush
It -- tact
Itaren -- thank (v.)
Iyi -- immediate(ly)
Iyula -- culture
Izau -- shift (v.)
Izayek -- shifter, shift lever
Izh -- snow (n.)
Izh-sahriv -- snowstorm, blizzard
Izhau -- snow (v.)
"J" to "L"

ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU

> J< na’ > L<

K'ashiv -- often, lit. "with repetition"
K'avon -- hungry, lit. "with hunger"
K'fai -- through
K'fai'ei -- through which
K'ha -- alive
K'ha-solektay-thak -- taphephobia
K'hu'ku -- babble, hubbub
K'kla-min -- in fact, in all actuality
K'mag -- thirsty, lit. "with thirst"
K'oh-nar -- fear of being completely exposed in a vulnerable situation (anc.)
K'puu -- at least
K'shatri -- foreign (anc.)
K'tor -- completely lacking something (anc.)
K'wuhli -- apart, separate (from)
Ka -- same, equal
Ka'athairu -- "ka'athyra", a Vulcan musical instrument
Ka'yed -- axiom
Ka-ni-fur -- "ka-nifur", first ritual of maturity
Kad -- bump (n.)
Kafeh -- slave, servant
Kafunik -- random
Kahat -- flash (n.)
Kahkran -- district
Kahkwa -- alike, similar
Kahla -- inertia
Kahm -- flesh, meat
Kahm-yoksul -- carnivore, meat-eater
Kahr -- city, town
Kahr-lan -- general (rank)
Kahs-hir -- an ornamental dark stone, usually black (anc.)
Kahs-wan -- Vulcan coming-of-age survival test (anc.)
Kaht -- garnet
Kai -- step, stage (in a process)
Kai'tan -- pain and muscle control (anc.)
Kai-ros -- children's game similar to hopscotch
Kaiden -- stairs, staircase, steps
Kailth -- "What is, is" (anc.)
Kaisu -- sibling
Kak -- jar (n.)
Kakhartau -- guide (v.)
Kal-toh -- Vulcan logic puzzle (anc.)
Kal-tor -- allow, let
Kala -- thorny plant often used for hedges
Kali-tor -- challenge (v.)
Kaluk -- ear
Kam -- roof
Kam-nat -- treason (obs.)
Kan -- child
Kan-sorn -- a very deep, self-induced, defensive trance (anc.)
Kan-tor -- boil (v.)
Kanok -- every
Kanok-veh -- everyone, everybody
Kanok-wilat -- everywhere
Kap -- bread
Kapol -- filter (n.)
Kapol-nafek -- kidney
Kapralau -- fluctuate
Kar -- arm
Kar-an-zhi -- "ka-ranji", a tall cactus-like Vulcan plant (anc.)
Kar-nef -- elbow
Kar-nik -- wrist
Karf -- fragment (n.)
Karik -- strong
Karil -- "Kareel", Winter (season)
Kas'el -- lazy
Kas-elakh -- vine, tendril
Kasa -- a blue-green Vulcan fruit
Kash-naf -- mind-link, mind-meld
Kash-ral -- sense (n.)
Kash-tok -- intelligent
Kash-tor -- sense (v.)
Kashan -- sensation
Kashek -- (the) mind
Kashkau -- mind(s) (eg. in melding, etc.)
Kashovau -- sensitize
Kastik -- plant (n.)
Kastik-goh-yokulsu -- vegetarian
Kastik-sokasitausu -- plant cultivator
Kastik-yokulsu -- herbivore
Kastorau -- encourage
Kastorilau -- stimulate
Kasu -- host
Katak -- placebo
Katau -- bring
Katelau -- mate (v.)
Kath-vuk -- syndrome (anc.)
Katra -- soul, spirit, essence
Katravek -- association
Katrom -- current (elect. & water)
Kau -- wisdom
Kau-bosh -- wise
Kau-tor -- grow or become wise
Kauk -- even (adj.)
Kaul-tukh -- vanadium
Kaunshau -- to unite
Kaunshaya -- unity
Kaunshuk -- united
Ke-ta-yatar -- ancient fighting style designed to kill
Ke-tarya -- an ancient fighting style
Kebi -- unit
Kebitra -- facility
Keimen -- ferocious
Kel -- building, structure
Kelek -- house, dwelling
Ken-tor -- understand
Kenel -- extinct horse-like animal
Kenelsu -- a kenel-rider, the knight in chess
Kep -- gong (n.)
Kes -- arc
Kesek -- arch
Kesazh -- navel, umbilicus, belly button
Keshtan -- birth
Kesik -- likely
Ket'ees -- integrity
Kethelvau -- describe
Kethra -- lore (n.)
Ketilau -- integrate
Kevas -- medicinal Vulcan herb
Kevetsu -- ambassador
Kh'reitekh -- region in the northern hemisphere of Vulcan
Kha'wal -- joke (n.)
Khat -- blood
Khaf-kur -- a green color (literally "blood green")
Khaf-spol -- heart
Khaf-tukh -- copper
Khar(-), Kharik -- direct (adj.)
Khara -- Vulcan desert bush with edible pulp
Kharat -- direction
Khart-lan -- captain (naval/Starfleet)
Khartau -- command, direct, manage
Khau -- rule (v.)
Khav-kur -- brown
Kheh -- a type of grain
Khin -- fame
Khinik -- famous
Khlukau -- choke (v.)
Khlup -- gel, jelly
Khoken -- entrance
Khom -- front
Khurasau -- discharge (v.)
Khrash -- violence
Khrashik -- violent
Khru -- evening
Khru-yem -- supper
Khu'rai -- south
Khush -- crystal
Ki' -- have, has (participial)
Kil'haf -- basket (anc.)
Ki-fah -- lethal self-defense (anc.)
Kid -- feather, plume
Kihsh-kur -- lilac, mauve
Kiht -- code (n.)
Kik -- hook
Kil -- spark (n.)
Kil-tor -- spark (v.)
Kil-tukh -- flint
Kilk(-srashiv) -- answer (n.)
Kilko-tor -- answer (v.)
Kim-shah -- final, last
Kin-kur -- yellow, golden
Kin-tukh -- gold (n.)
Kinuf -- date
Kipof -- battery, accumulator
Kis-ka -- jealous
Kisev -- document
Kisheya -- accident
Kisu -- member
Kitak -- pen (writing)
Kitau -- write
Kitausu -- author, scribe, writer
Kitek -- dirt, silt
Kitok-wilat -- elsewhere
Kitork -- dirty
Kla-hil-tor -- research (v.)
Kla-hilsu -- researcher
Kla-min -- fact
Klai -- factor
Klashau -- guard (v.)
Klau -- harm (v.)
Klaya -- harm (n.)
Klehp -- fjord
Klepowau -- shop (v.)
Kli -- dart (n.)
Klimtau -- melt (v.)
Kling -- not one, no-one, nobody
Klton -- arrow
Klomak -- fortress (anc.)
Klon(-) -- smart
Klopau -- describe
Klosha -- behave
Kloshai -- behavior
Klotau -- block (v.)
Klotaya -- blockage
Kluchi -- object (v.)
Kluf -- boot (n.)
Ko -- female
Ko-fu -- daughter
Ko-ka-ashausu -- lesbian (n.)
Ko-kai -- sister
Ko-kan -- girl
Ko-mekh -- mother
Ko-te'krus -- queen
Ko-telsu -- wife
Kobat -- weak
Kobsu -- dwarf (n.)
Kodonuhk -- expensive
Kohl -- emotion-purging mind-exercise
Kohl-tor -- meditate (Vulcan-style)
Kohv-tukh -- quartz
Kol -- stew (n.)
Kol-uchang -- the principle of IDIC (anc.)
Kolaya -- shock (medical)
Kolchak -- flute, piccolo, fife
Kolinahr -- highest adult state of discipline
Komak -- genus
Komih -- human (adj.)
Konahr -- the feeling of being exposed
Korsau -- save, preserve, conserve
Korseiven -- save (by means of)
Korsova -- to be saved spiritually
Koshvar -- disaster
Koshtri -- race, species
Kov -- rock, stone (as an individual thing)
Kov-skrooms -- stonecarver
Kov-tor -- stone, throw rocks at
Kov-tukh -- rock, stone (as a material)
Kovau -- fossilize, become stone, petrify
Kra-tukh -- antimony
Krahkra -- "It is nothing" (anc.)
Krah -- pressure point
Kraisek -- cage (n.)
Krani -- window
Kras -- a Vulcan plant
Kras-tor -- paint (v.)
Krasu -- painter
Krau -- vent (n.)
Kravau -- cheat (v.)
Kreila -- kreyla (a flat bread-like food)
Krein -- canopy (aero.)
Krenath -- "shamed one"; half-breed, illegitimate child
Kresik -- aggressive
Kriel's -- harmony
Krish -- bronze (n.)
Kritashsu -- cyborg
Krizhiv -- clay
Kroikah -- "Kroykah"; "Be still", "Stop" (anc.)
Krol-tor -- praise (v.)
Kronosh -- Klingon home world
Kropaya -- fantasy
Kru -- supervisor
Kru'minaak -- appoint (anc.)
Krup -- boundary
Krus -- part, piece, segment, section
Krusek -- fraction (math.)
Ktorr -- cut off, sever (anc., obs.)
Ktorr skann -- the formal cutting of family ties (anc.)
Ku -- palm (hand)
Ku'li -- valley
Ku-san -- chair
Ku-tor -- sit (v.)
Kudau -- bless
Kugau -- commit
Kuhku -- pus
Kuhlau -- compete
Kuhlaya -- competition
Kuhr -- latch (n.)
Kuhrsh-tor -- beat (v.)
Kuht -- herd (n.)
Kukev -- benzene
Kulan -- helix, spiral
Kulauf -- exception
Kum-tor -- catch (v.)
Kun-ut -- bond-mate, spouse
Kun-ut kali-fi -- ritual "marriage challenge"
Kun-ut so'llik -- ritual "marriage proposal"
Kunel -- hill, butte
Kunli -- happy
Kup -- able, can
Kur -- color
Kur-tor -- color, dye (v.)
Kur-tukh -- dye (n.)
Kurau -- stain (v.)
Kuraya -- stain (n.)
Kurek -- pigment(ation)
Kuriht -- rash (n.)
Kurtra -- spectrum
Kus-tor -- ring (v.)
Kus-vakh -- bell
Kushel -- bird, fowl
Kushizhau -- mold (v.)
Kusilau -- resonate
Kusut -- pain (n.)
Kutra -- bank
Kuv -- if
Kuvisht -- bearing (mech.)
Kwai -- wild, untamed, undomesticated
Kwal se tu -- "Is that really you?" (ancient traditional greeting)
Kwal-tor -- frown (v.)
Kwes -- afraid
Kwil -- from a distance
Kwil'shoret -- call (to)/beckon from far away
Kwitau -- push (v.)
Kwohk'a -- mythological guardian spirit
Kwon-sum -- always
Kwul -- hit, strike (n.)
Kwul-razh -- crater (impact)
Kwul-tor -- hit, strike (v.)

L'Langon -- a Vulcan mountain range
L'Langon-tukh -- krypton
La, La' -- here
La'ash -- axe
La'ka-yehat -- available
La'yi -- a type of rug (anc.)
Lad -- sole (foot)
Laf-tor -- err, make a mistake
Laf-tukh -- chlorine
Lafosh -- error, mistake
Lafot -- defect, flaw
Lag -- gum
Lahv -- tongue
Lairet -- lyrette, type of harp
Laitheret -- lytherette, type of harp
Lakh -- language (obs.)
Lam-tor -- stand (v.)
Lamekh -- warm
Lan -- rank
Lan-tol -- floor; bed (geol.)
Lanet -- bottom (n.)
Lanka-gar -- a nocturnal predatory bird (anc.)
Lap -- tree
Lap-gel -- branch
Lap-tukh -- timber
Lapan -- wood
Lapan-skrimsu -- woodcarver
Lara -- a Vulcan desert bird
Lasha -- arrive
Lashan -- arrival
Lashark -- a poetic name for sunrise; lit. "he who arrives" (anc.)
Lates -- walk (n.)
Lau -- may, might
Lautuv -- stubborn
Le-matya -- large, venomous desert predator
Le-su -- frost (anc.)
Le-suma -- ice (anc.)
Lef'es -- texture
Leh-dah-tukh -- Seaborgium
Leh-kau-tukh -- Meitnerium
Leh-keh-tukh -- Hassium
Leh-reh-tukh -- Bohrium
Leh-tukh -- Rutherfordium
Leh-wuh-tukh -- Dubnium
Lehk -- post (n.)
Lehm-tor -- throw, toss, heave
Leipau -- bake
Leipausu -- baker
Leitri -- toy (n.)
Lek-tukh -- niobium
Ler-tukh -- tungsten
Lerakh (adj.) -- compressed, compacted
Lerash -- hard
Les -- target (n.)
Lesek -- joint (anatomy)
Lesh -- bear, carry
Li-fal -- example, sample
Li-wun -- lance (n.)
Limein -- mask (n.)
Limuk -- face
Linisau -- examine
Linsu -- cynic
Lipau -- knife
Lipitah -- dagger
Lirpa -- ancient ceremonial weapon
Lo'uk -- great
Lof -- reason, purpose
Lof-torvaux -- constructive purpose
Lok -- penis, phallus
Los'ram -- left (direction)
Loshirak -- meditation: "open posture"
Lu -- when
Lu'ik -- oblique
Luk -- fungus
Lushun -- torpedo
Luva -- to yawn
"M" to "R"

ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU
>M< na' >R<

Ma -- have, own, possess
Ma-vel -- possession (thing)
Maat -- clan
Mad -- bracket (n.)
Maf-tor -- cry (v.)
Mag -- thirst (n.)
Magol -- flagon (anc.)
Magu -- reel, spindle
Mah-tor -- hammer (v.)
Mah-vel -- hammer (n.)
Mahai -- seizure, convulsion
Mahal-tor -- swim (v.)
Mahr-kel -- shop, store, market
Mahr-tor -- buy, purchase (v.)
Mair-, Mairik -- extreme
Mak -- joy
Makau -- spell (v.)
Makh -- glass
Makh-salursu -- glass-blower
Makh-zhuksu -- glass-maker
Mal -- leg
Mal-nef -- knee
Mal-nik -- ankle
Malanu -- pants, trousers
Malat -- nature
Mamuk -- aid (v.)
Man-elakh -- rope
Man-tor -- climb (v.)
Map -- fen
Marau -- drift (v.)
Markau -- float (v.)
Marom(·) -- excellent
Marshak -- raft (n.)
Mashau -- water (v.), irrigate
Mashek -- bottle, flask, canteen, amphora, ampule
Mashen -- tide
Mashuk -- bucket
Mashulek -- fountain
Mashyla -- a Vulcan tuberous vegetable
Masteau -- drown
Masu -- water, fluid, liquid
Masu'er -- navy
Masu'es -- wetness, moisture
Masu-hali -- boat
Masu-nakh -- moisture index
Masu-razh -- well (n.)
Masu-tukh -- hydrogen
Masu-ur -- aquaduct
Masu-yut -- waterway, canal
Masuk' -- enormous, gigantic, gargantuan, huge, mammoth, massive
Masumok-tukh -- mercury
Masupik -- wet, damp, moist
Masutra -- sea, ocean
Mat -- possession, ownership
Math -- plate
Mathra -- disc, disk
Mau -- much
Mau-tan -- excess, plethora, overabundance, glut
Maut -- very
Mauyik -- excessive
Mavau -- play (v.)
Maz -- grain (of sand, etc.)
Mazhiv -- sand(s)
Mazhiv-tukh -- silicon
Mazhu -- silica
Mehk-tath -- an integral part (anc.)
Mehtal-tor -- pass, go past
Meil -- chemical (n.)
Meilak -- element
Mekh -- parent (n.)
Mekhu -- parents (a mother and a father)
Men-hil-tor -- investigate
Men-hilsu -- investigator
Menal -- cliff
Mes' -- across
Mes-tor -- cross (over), go across
Mesah -- catwalk
Mesh -- shame (n.)
Mesakh -- beyond
Meskarau -- hold (v.)
Messau -- approve
Mesukh-tor -- translate
Mesut -- bridge (n.)
Mesya -- a children's game similar to "tag"
Mesyel -- overhang (n.)
Mesyutik -- opposite (adj.)
Mev -- pipe, tube, duct
Mik -- dial (n.)
Mik-yal -- gauge (n.)
Min-tor -- glow (v.)
Min-tukh -- neon
Mish-tal -- engineering
Mish-vel -- machine
Mishek -- engineer
Mog'es -- volume (math., physics)
Mohrn -- class (n.)
Mokev -- metal
Mokh -- aim (n.)
Mokh-tor -- aim (v.)
Mokuv -- ring
Mol-kur -- magenta
Molu -- tone (sound)
Mon-tor -- drink (v.)
Mor -- leaf (n.)
Morov -- combat (anc.)
Mos -- soft
Mu'gel -- dark
Mu'yor -- night
Mu'yor-yem -- supper, lit. "night meal"
Muhd -- club (n.)
Muhl -- healthy, well
Muhl'es -- health, wellness
Muhs -- vapor
Mukau -- pour (v.)
Mun -- sauce
Mutau -- divert
Mutaya -- diversion
Muzh -- pond, waterhole

Na -- pole (physics)
Na'gal -- polaron
Na'shaya -- greeting
Na'shikh -- advice, council
Naf -- link (n.)
Nafai-tor -- acknowledge
Nafek -- organ (anat.)
Nafu'es -- personality
Nafuhlau -- frustrate
Nagau -- face, confront
Naglashau -- recognize
Nah-tor -- think
Nahp -- thought(s)
Nahr -- discipline
Nak -- cheek
Nakarat -- endeavor (n.)
Nakh -- index
Nakihtilau -- modulate
Nakihtilayek -- modulator
Nal-tor -- chew (v.)
Nala -- cell (biology)
Nala-svitan -- (cell) nucleus
Nalatra -- tissue (med., biol.)
Naliveh -- alcohol
Nam -- existence
Nam-tor -- exist, be
Namishau -- adjust
Nan-tor -- threaten
Nantau -- stare (v.)
Nar-tor -- accept
Narak -- pole (physics, geog.)
Narak'es -- polarity
Narat do-toh -- child's game: hide & seek
Nartau -- embrace (v.)
Nas(-) -- sharp
Nash-gad -- today
Nashinahru -- ancient offensive psionic warrior
Nashiv-tor -- attack (v.)
Natel -- module
Nati -- differ
Natuhn -- box
Natya -- different
Nau -- moan (v.)
Nauf -- epoch
Nauk -- sprain (n.)
Naul -- feud (n.)
Navau -- succeed
Navun -- success
Nayik -- avid, eager
Nazh-kap -- gain (n.)
Nazh-tor -- gain (v.)
Ne, Ne' -- below, under
Ne'hish -- pressure
Ne'le -- down(ward)
Ne'rak -- underneath, beneath
Ne-lan -- cadet, trainee
Ne-mal -- shin
Ne-seshan -- gravity
Ne-shal -- basement
Ne-tor -- lower (v.), drop (as in temperature)
Ned -- dough
Nef -- shelf, terrace
Nehau -- decay, rot (v.)
Nehg -- belly (n.)
Nei -- seed (n.)
Neik -- low
Neis-tor -- deplete, use up
Nek -- squad, patrol, scouting party (military)
Nekwitaya -- force (n.)
Nel-dath -- pattern
Nelau -- diminish, suppress, decrease
Nelka -- pedestal, display stand
Nem-tor -- take (v.)
Nemashau -- dehydrate
Nemashaya -- dehydration
Nemut -- enemy
Nen -- base, foot, foundation
Nenem-tor -- deduct
Nenikau -- support (v.)
Nentu -- frame (n.)
Ner-, Nerik -- dependent
Nerau -- depend
Nerek -- dependable
Nes -- drop (n., in temperature, etc.)
Nesh-kur -- black
Nesh-tor -- cut (v.)
Nesh-tukh -- iodine
Neshau -- collapse (v.)
Neshuhk -- parasite
Net -- scab (n.)
Netikidau -- reduce
Nev-kur -- maroon (color)
Nevasa -- a name for the Vulcan system's sun
Nezhak -- chaos
Ni -- so, such a
Ni-prazh -- stoic, displaying no emotion(s)
Nik'el -- convoy, caravan
Nikh -- eye (obs.)
Nis-tor -- test (v.)
Nisan -- test (n.)
Nisau -- probe, test thoroughly, examine in detail, analyze
Nodolaya -- fixation (chem.)
Nohv -- meld (n.)
Nok -- concrete (material)
Nol-tukh -- carbon
Nom -- the philosophical concept of "all" (anc.)
Nop -- card (n.)
Norn-la-hal -- status change from child to adult (anc.)
Nosahp -- amount
Nosh -- state, condition
Noshau -- stand (v., as, for, etc.)
Noshtra -- trait, characteristic
Nu'ri -- young
Nuf -- case, event
Nufau -- offer (v.)
Nuh' -- too (adv.)
Nuhk -- courteous
Nuhk'es -- courtesy
Nuhs -- era
Nuk -- mode
Numo -- extremely small, microscopic
Numo-zan-vel -- microscope
Nunau -- fit (v.)
Nup -- fractal
Nus -- parameter
Nuv-tor -- flutter (v.)

Odva -- faith
Oekon -- God, the Supreme Being
Ofereiksu -- the Creator (ie, God)
Og -- stitch (n.)
Og-elakh -- thread
Og-lum -- needle
Og-tor -- sew, stitch (v.)
Ogsu -- seamster, seamstress
Ok -- cam
Ok-fek -- camshaft
Olau -- feel (v.)
Olozhika -- logic
Oluhk -- snake
On -- both
Opilsu -- chef
Oren-tor -- learn
Orenau -- study (v.)
Orensau -- student, pupil
Orfik-kel -- ancestors, forebearers, progenitors
Ork -- boom (n.)
Orn-tukh -- nickel
Orniaga -- irritated (anc.)
Os -- old, aged
Oshu'a -- mythological volcano spirit
Osu -- sir
Otan-lan -- captain (army/marine); lieutenant (naval/Starfleet)
Ovsot -- complete, total
Ovulau -- bow (v.)
Oyut -- custom
Ozh -- finger
Ozh-dukal -- fist (lit. "finger-ball")

Pa, Pa' -- around
Pa'ash -- flat
Pa'shau -- clear (v.)
Pa-tukh -- gas (oxygen, etc.)
Pada-tor -- spin, rotate quickly, turn fast
Padukau -- roll (v.)
Pafam -- deficient
Pagun -- duel (anc.)
Paht -- panic (n.)
Pahtau -- agitate
Paikau -- fluster (v.)
Pak -- loss
Pak-tor -- lose
Pakh -- stroke (n.); Vulcan "hyphen"
Pakhaik -- regular
Pakhartau -- regulate
Pakik -- lost
Pakuv -- coil, loop
Pal -- age, era
Palesh-tor -- endure
Palikau -- begin, commence, start
Palutunau -- care for, tend, watch over
Pamashok -- dike (n.)
Pamutau -- bypass (v.)
Panaz -- fume
Panu -- world
Pas-, Pasik -- dull, blunt (adj.)
Pash-tor -- trap (v.)
Pashov -- dolmen (anc.)
Pasu -- table
Pasutau -- camouflage, disguise (v.)
Patal-tor -- detect
Patam -- head
Patorau -- process (v.)
Patra -- pool (gene, vehicle, etc.)
Patuhl-tor -- encase
Pau -- corona, halo
Pauk -- round
Pavek -- event
Pavesh-tor -- happen, occur
Pehkau -- stop (v.)
Pekh -- feces
Pelakhir -- filament
Pelal -- robe
Pen-, Penik -- short
Pen-tor -- shorten, curtail
Per-ithop -- actor, actress (anc.)
Per-tor -- act (v.)
Pes-, Pesik -- firm (adj.)
Pev -- mat (anc.)
Pi' -- small, little
Pi'gal -- particle
Pi'kahr -- village, hamlet, settlement
Pi'lek -- small, little (rare adj., mostly obs.)
Pi'maat -- family
Pi'math -- saucer
Pi'nafek -- gland (anat.)
Pi'sukhlop -- figurine, statuette
Pi'tenkan -- embryo (MGV)
Pid -- high
Pidek -- height
Pidesh -- exert (anc.)
Pidvalu -- hyperbola
Pihl -- quark
Pilhlor -- "pyllora", counselor, guide (anc.)
Pil-tor -- prepare food (for eating)
Pilash -- river
Pilsu -- food preparer, "cook"
Pim-tukh -- lithium
Pinkau -- earn
Pishek -- steel
Pitoh -- note (n.)
Piyah -- ripe
Pla'dor -- back (n.)
Pla'rak -- backward(s)
Pla-kur -- blue
Pla-tor -- back up (v.)
Pla-tukh -- cobalt
Plak-tau -- "plak tow", Vulcan "blood fever"
Plat -- spine
Plathau -- consummate (v.)
Plesh-tor -- crush (v.)
Plokh -- delusion
Plomik -- "plomeek", a Vulcan vegetable
Plomik-shur -- plomeek soup
Pluhk -- vomit (n.)
Po -- why
Po' -- after
Po-wak -- aftermath
Pohshau -- shoot
Pok -- ready
Pol-tor -- fry (v.)
Pon farr -- "mating time" (anc.)
Pon-tor -- mate (v.)
Poprah -- receive
Poshaht-, Poshahtik -- eventual
Potau -- keep (v.)
Potun-tor -- sustain
Praduk -- front (meteorology)
Prahk'es -- ecstasy
Pral -- wave
Prash -- mucus
Praskul-, Praskulik -- flamboyant
Pris-tor -- braid (v.)
Psal-tukh -- strontium
Pseth -- dry
Pstha -- search, hunt (v.)
Psthan -- search, quest, hunt (n.)
Pstheran -- cliché
Pthak -- fear, phobia
Pu'a -- fairy
Pu'gal -- baryon
Pu'ulidau -- be marked
Pu-tor -- clean (v.)
Pudatau -- be propelled
Pudor-tor -- be honored
Pudva-tor -- be believed
Pudvel-tor -- be chosen
Pufai-tor -- be known
Pufas-tor -- be cooked
Pufulag-tor -- be lead
Puhku -- amber
Puhn -- crust
Puhsh -- foam, froth, spume (n.)
Puk-tor -- fight (v.)
Pukiiko-tor -- be answered
Pula'tusa -- be mourned
Pulau -- reach (v.)
Pulayau -- be present
Pulu-kur -- lavender (color)
Puma -- be owned
Pumeskarau -- be held
Puna'shau -- be greeted
Punaf-tor -- be linked
Punar-tor -- be accepted
Punekwitau -- be forced
Pupak-tor -- be lost
Pupol-tor -- be fried
Puragtav -- be introduced
Purubai -- be changed
Pusaganau -- be dispersed
Pushau -- be broken
Puskau-tor -- be digested
Puspusau -- be launched
Pustau -- be killed
Pusvik-tor -- be betrayed
Putan-tor -- be given
Putanovau -- be equipped
Putash-tor -- be controlled
Putaurau -- be amazed
Puterish-tor -- be combined
Putesha -- be awed
Puthakau -- be focused
Puthrap-tor -- be offended
Putrefei -- be martyred
Putumau -- be programmed
Putus-tor -- be loaded
Puv -- swelling
Puv-tor -- swell (v.)
Puvinem-tor -- be assimilated
Puyem-tor -- be fed
Puzehl-tor -- be aligned
Puzhu-tor -- be heard

Ra -- what
Raal -- a region on Vulcan
Rada-tor -- spin (a web, yarn, etc.)
Radet -- bushing (mech.)
Raf -- electric
Raf-elakh -- (electrical) wire
Raf-tepul -- electricity
Ragel-tor -- meet (v.)
Ragelan -- meeting
Ragtau -- introduce
Ragtaya -- introduction
Rahm -- thunder
Rai -- no (negation)
Rak -- position (n.)
Rak-tukh -- boron
Rakusau -- sting (v.)
Rai -- loud
Rai'es -- volume, loudness
Rala -- wing
Ralash -- noise, sound
Ralash-bosh -- noisy
Ralash-fam -- silent
Ralash-tal -- audiology
Ralash-tanaf -- music
Ralash-tanafsu -- musician
Ranau -- train (v.)
Ras -- heavy
Ras-tukh -- lead (metal)
Rau-nol -- refuge, shelter
Rau-tor -- shelter (v.), provide refuge
Raul -- tool
Ravot -- insect, bug
Razh -- hole, pit
Razhil-tor -- excavate
Rehek -- trio
Rekun -- pyramid (shape)
Reidai -- female religious leader, ruler or princess (anc.)
Relen -- a plant made into a tea
Relk -- cupola
Reshan -- anger, rage
Reshnek -- angry, enraged
Ret -- space (room)
Ri -- not
Ri-fainu -- the Unknown
Ri-gishu -- the Unexpected
Rihamau -- check, verify
Rihansu -- a Romulan
Rihk -- edge (n.)
Rilik -- intermittent
Rim -- none
Ripakhai -- irregular
Ris -- zero
Rish-tor -- survive
Rishan -- survival
Rislu -- contaminate
Ritsuri -- rare, unusual, abnormal
Rivak -- course
Rofori -- information (anc.)
Ro-kas -- vaccine
Ro-kasau -- vaccinate
Ro-kasaya -- vaccination
Rok -- hope (n.)
Rom -- good
Ru'lut -- mouth
Ru'lut-masu -- saliva
Rubah -- change
Rubanau -- change (v.)
Rubitau -- alter, modify
Rufai -- benefit (n.)
Ruhm -- even (not the adj.)
Rukau -- bounce (v.)
Rukon -- exit (n.)
Run -- dream (n.)
Runem-tor -- grab (v.)
Runev -- spasm (n.)
Ruskarau -- grasp (v.)
Ruskarayek -- forceps
Ryill -- a Vulcan musical instrument
"S" to "Z"

ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU

> S < na' > Z <

S'harien -- ancient Vulcan combat sword, lit. "Pierceblood"
S'udish -- outside, external
Sa -- male
Sa'adek -- elevator, lift
Sa'akh -- debt
Sa'awek -- alone
Sa-fu -- son
Sa-ka-ashausu -- male homosexual (n.)
Sa-kai -- brother
Sa-kan -- boy
Sa-mekh -- father
Sa-te'kru -- king
Sa-telsu -- husband
Sadalau -- release (v.)
Sadahshaya t'Lokan -- Lokan's Schism (often inaccurately called "T'Lokan Schism")
Sagan-tor -- distribute
Saganau -- disperse
Sagau -- pulse, burst out (v., physics, etc.)
Saguhsh -- exhaust (n.)
Sahr-tor -- run (v.)
Sahrafel -- trust (v.)
Sahris -- fast
Sahriv -- storm
Sai-fam -- naked, nude
Sai-tukh -- cloth
Sailau -- accompany
Saizhiv -- lint
Sak-tor -- spread (v.)
Sak-tukh -- scandum
Sakal -- testis
Sakat -- mail (n.)
Sakathilau -- discriminate (v.)
Sakeleku -- evict
Saklukhau -- deteriorate
Sakurau -- decolorize
Sakwitu -- deflect
Salan -- wind
Salasu -- native (n.)
Salatik -- native (adj.)
Salur -- blow (v.)
Samek -- cold
Samev -- flue
San -- waist
San-zhel -- belt
Sanesh-tor -- amputate
Sano -- please (v., anc.)
Sanosh -- pleasure (anc.)
Sar-tak -- bed
Sar-tak-pthak -- clinophobia
Saran-tukh -- technicum
Sark -- beetle
Sarlah -- come
Sas-a-shar -- a Vulcan desert
Sas-tor -- diffuse (v.)
Sasak -- diffusion
Sasarlah -- come out, emerge
Sasau -- transmit
Sasaya -- transmission
Sasayek -- transmitter
Saseshau -- pull out, withdraw, extract, evulse
Sash -- acid (compound)
Sash-masu -- acid (liquid)
Sashavau -- expose (v.)
Sashidau -- deform
Sashik -- acidic
Sasnem-tor -- excrete
Sasovau -- deflate
Sastoraya -- breakthrough (n.)
Satalau -- determine
Satau -- send
Satekhau -- sprout up
Satersau -- disconnect
Satorvu -- product
Sau -- emit
Saudau -- appear
Saul-tor -- shout, yell (v.)
Sav'el -- shirt
Savas -- fruit
Savau -- diverge
Savilau -- deodorize
Savlau -- evade
Saweinau -- molt, shed one's skin, etc.
Sayonotau -- extinguish
Sayumak -- spring (water source)
Sazehlik -- perpendicular (adj.)
Sazh -- vegetable
Sef -- dune
Seheik -- "declared ones"; pilgrims
Sehalat -- bear-like animal (often domesticated as a pet)
Sehtebuhk -- symbol
Sek -- outlet
Sele-an-t'li -- secondary level of adult discipline (anc.)
Seleya -- a mountain; site of a major ceremonial center
Selk -- delta (geol.)
Sem-rik -- fascinating
Senau -- get up, arise
Senepa -- a weapon with poisoned tips (anc.)
Sep-wafikh -- agree
Seshan -- pull (n.)
Seshau -- pull (v.)
Seshupik -- magnetic (adj.)
Set'ki -- interesting
Set-tor -- drop (v.)
SfeK -- point (n.)
Sfith -- bitter
Sfith-masu -- vinegar
Sha' -- one's own, personal
Sha'koshtri -- one's own race or species
Sha'ti -- cubbyhole, niche, nook, recess
Sha-ka-ri -- mythical source of creation (anc.)
Shad -- brain
Shaf -- cyst
Shaka -- fiend
Shan-tor -- transfer (v.)
Shaht -- end (n.)
Shai -- self
Shaik -- odd (not even)
Shal -- area, region, zone
Shal-lan -- colonel
Shanai'Kahr -- a Vulcan city
Shar -- security (police)
Shar'es -- security (condition)
Shar-tor -- secure (v.)
Sharu -- opening
Sharush -- open up, split open
Sharushan -- surgery
Shasol -- land, country, nation
Shau -- break (v.)
Shaukaush -- passion(s)
Shaula -- self-control, reason(ing)
Shavokh -- large Vulcan vulture-like bird
Shaya -- break
She'rak -- east
She-tor -- ascend, rise
Shei -- scream (v.)
Shek-tukh -- iron (metal)
Shel-tukh -- manganese
Shen -- ascent
Shetau -- become
Shi -- place, site, location
Shi'dan-abru -- zenith
Shi'dunap -- library, lit. "place of the book"
Shi'has -- hospital
Shi'Kahr -- a Vulcan city
Shi'kov -- non-volcanic mountain
Shi'kwai -- wilderness
Shi'masu -- oasis, "place of water"
Shi'oren -- school, academy
Shi'Oren t'Ek'tallar T'Khasi -- Vulcan Academy of Sciences (Vulcan Science Academy)
Shi'sochya -- Vulcan-type park, "place of peace"
Shi'vukhut -- grave
Shi'wun -- armory
Shi'yar -- Earth-type park, "place of grass"
Shi'yavekh -- address
Shi'yem -- dining room, "place of the meal"
Shi'yon -- volcano, "place of fire"
Shi'yuk -- bedroom, "place of sleep"
Shid -- form, shape (n.)
Shidau -- form, shape (v.)
Shif -- pair
Shihvek -- wedge (n.)
Shikh-orna -- council
Shila -- community
Shila'es -- society
Shilaik -- social (adj.)
Shisau -- hiss (v.)
Shitau -- (put into) place, locate something somewhere
Shivak -- mass (n.)
Shivau -- paralyze
Shiyau -- be located
Shok -- kiss (n.)
Shok-tor -- kiss (v.)
Shom-tor -- to rest
Shon-ha-lohk -- engulfment; feeling of being "head over heels" (anc.)
Shonau -- engulf
Shoret -- call (out) to
Shrau -- fray (v.)
Shu-pal -- source
Shu-tukh -- uranium
Shuhk -- slime
Shul -- position (n.)
Shur -- soup
Si-, Sik -- outer (adj.)
Sikar -- Spring (season)
Sis-tor -- squander
Siselau -- ferment (v.)
Siyah -- almost
Ska'gal -- neutrino
Skaf -- dais, platform, stage
Skahal-tor -- get off of, debark, disembark, etc.
Skahan -- curtain (n.)
Skamau -- attract
Skan -- proof
Skan-tor -- prove
Skann -- all of one's blood relatives (anc.)
Skasau -- treat (v., med.)
Skau-tor -- digest (v.)
Skehi -- groove (n.)
Skek -- wound
Skichra -- epilepsy (anc.)
Skil -- win, victory
Skilsu -- winner, victor
Skish-tor -- slide, slip (v.)
Skladan -- message
Skladasu -- messenger
Skonn -- surface
Skrashau -- erode
Skrim -- carving
Skrim-tor -- carve
Skrimek -- lathe
Skrol -- errand, mission
Sku -- sill
Skunap -- diploma
Slah -- fiber
Slakh -- nausea
Slau-tor -- plate, chrome (v.)
Slau-tukh -- chromium
Slokh -- starch (n.)
Slor -- sweet
Slor-tukh -- sugar (n.)
Sluk(-) -- fresh (adj.)
Smashau -- drain (v.)
Smertau -- harass, bug, pester, vex
Smol -- alga
Smusma -- prosper
Smusma'es -- prosperity
Sna-lok -- mosaic
Sna-lok-zhuksu -- mosaic-worker
Snagel-tor -- encounter (v.)
Snaipau -- crumble (v.)
Snauk -- fork (n.)
Snazh(-tukh) -- plasma (physics)
Snem-tor -- remove
Snertau -- interfere
Snesh-tor -- cut out, excise
Snet -- fulcrum
Snishau -- erase (v.)
Snuhglaa -- gargle (v.)
So-resh -- madness
Sochya -- peace
Sohk' es -- elegance
Solai -- field (cultivated)
Solek -- soil
Solektra -- ground, land
Solektra-besan -- map, chart
Solektra-hutaya -- earthquake
Son-ha-lohk -- romantic love (anc.)
Sos'eh -- maybe, perhaps, possibly
Sov -- air
Sov-masu -- rain
Sov-masu' es -- humidity
Sov-pidek -- altitude
Sov-tukh -- nitrogen
Sovash -- alkali, base
Sovek -- fan (cooling)
Spa'ash -- disgust
Spa-tor -- conduct (v.)
Spa-yorna -- "Spyorna", Vulcan High Council
Spahk -- claw, talon
Spathel -- canyon
Spen-tor -- jump, leap (v.)
Spes -- voice
Spes-fam -- mute
Spis-tor -- dip (v.)
Spitau -- bore, drill (v.)
Spo-kur -- dark blue
Spoh-tor -- fade (out), become pale
Spoh-tukh -- potassium
Spol -- pump (n.)
Spolek -- experiment (n.)
Sporiben -- exclaim (v.)
Sposh-tor -- erupt
Sprah -- indeed
Spunau -- outweigh
Spunek -- valve
Spusau -- launch (v.)
Srashiv -- achievement
Sri'Kahr -- a Vulcan city
Stal-tukh -- cadmium
Stan-tor -- exude, ooze (v.)
Star-krus -- statement
Stariben -- speak (a language)
Starun -- speech
Stau -- kill (v.)
Steheht -- type of old Vulcan poetry
Stek -- clamp (n.)
Stivan -- phenomenon
Stonn -- animal horn, antler
Storau -- develop
Stron -- escape (n.)
Stukh -- (outer) space
Stukhtra -- universe
Su'us -- number
Su-lak -- third party (person)
Sudef -- womb, uterus
Sudef t'Yon -- "The Womb of Fire"
Suk -- big, large
Sukhlop -- statue
Sunil -- pan (n., anc.)
Sura'Kahr -- a Vulcan city
Sut -- ache (n.)
Sutorik -- artificial
Sutra -- crew, staff, faculty
Svai -- flower (n.)
Svai-zehlausu -- floral arranger
Svai-zhuksu -- florist
Svail -- fragrance
Sval -- lesion
Svekh -- cartridge
Svep -- door
Svi' -- between, among, inside of
Svi'udish -- inside, internal
Svi-shau -- interrupt
Svi-tor -- enter
Svi-wak -- interval
Svik-tor -- betray
Svitan -- center, middle, core
Svizh-tor -- pause (v.)
Swana -- a rare and precious item

T'an -- rod used in kal-toh puzzle (anc.)
T'dahsu -- twin
T'forti -- finally
T'hai'la -- "t'hyla", brother, friend, pal, lover
T'kausu -- quintuplet
T'kehsu -- quadruplet
T'Khasi -- the native name for the Vulcan homeworld
T'Khut -- a name for the twin world of T'Khasi
T'Lai-tukh -- zirconium
T'Lokan -- see "Sadahshaya t'Lokan"
T'rehsu -- triplet
T'Rukh -- a name for the twin world of T'Khasi
T'Rukhemai -- a name for T'Rukh's moon
T'san s'at -- a process of eliminating emotions (anc.)
T'shehsu -- sextuplet
T'stehsu -- septuplet
Ta'a -- "taal", traditional Vulcan hand salute
Ta'bek -- drug
Ta'gal -- neutron
Ta'raf -- neutral
Ta'Valsh -- an ancient Vulcan port facility
Tab-ma -- late
Tabakau -- regain
Tadek-adir -- absent
Tah -- unobtainable
Tahal -- light (weight)
Tahal-tukh -- helium
Taik -- hat, cap
Takau -- beckon
Takov -- pretty
Takurek -- prism
Tal t'li -- first meditation of adult training
Tal'oth -- Vulcan youth desert survival ritual
Tal-kam -- dear
Tal-muv -- key
Tal-tor -- find, discover
Tala -- value (n.)
Talal -- find, discovery
Telik -- scientific
Talu -- neck
Talu-shaya -- "tal-shaya", execution by breaking the neck
Taluhk -- precious, valuable
Taluhk-tukh -- platinum
Talupau -- estimate (v.)
Talvot -- bacterium, germ
Tam-tor -- dance (v.)
Tamsu -- dancer
Tan-tor -- give, donate
Tanaf -- art
Tanafsu -- artist
Tangu -- ideal (n.)
Tanilau -- provide, supply
Tanovau -- equip, provision, fit out
Tar-tor -- say
Tasau -- leak (v.)
Tash -- control (n.)
Tash-tor -- control (v.)
Tashal -- (control) console
Tashek -- controller
Tasmin -- "Tasmeen", Autumn (season)
Tau -- fever
Tau-kath -- "fever healing" (anc.)
Tauf -- ridge (geol.)
Tauk -- cave
Taul-tor -- dive (v.)
Taurau -- amaze
Tauvolau -- incite, foment
Tav -- rate (n.)
Tavat -- ratio
Tcha -- curl (n.)
Tchakarya -- "chkariya" or "ch'kariya", a ferret-like predator and scavenger
Tchas -- warp
Tchef -- vortex
Tchol -- bay
Te' -- structure
Te'Rikh -- a Vulcan city
Te'koshfet -- architect (anc.)
Tedvun-tor -- flex (v.)
Tedvunik -- flexible, pliable, pliant
Tefuk -- deliver (v.)
Tehk -- sprout (n.)
Tehnat -- against
Tehnau -- resist, stand up against
Tehrai -- goal
Teh -- deceit, fraud, deception, trickery
Tehs-tor -- deceive, trick (v.)
Tehvar -- danger
Tehvarik -- dangerous
Tekeret -- deviation
Tekla -- a type of wood
Tel -- bond (n.)
Tel-tor -- bond (v.)
Tel'a/at -- elder (title of respect for advanced age Kolinhuru)
Telsu -- one who is bonded, married person
Telv-tor -- read (v.)
Temep -- gate
Temok -- wall
Ten -- less
Ten-kan-bu -- embryo (TGV)
Ten-mal -- early
Tenah -- blame (v.)
Tenkan -- fetus
Teporilau -- excite (v.)
Tepul -- energy, power
Terau -- join together, fasten
Teraya -- (con)federation
Terek -- affix (n.)
Teresh-kah -- Vulcan "silver-bird" (anc.)
Teretau -- converge
Teretek -- coupler
Teretuhr -- together, united, fused
Terish-tor -- combine (v.)
Terk -- bolt (n.)
Terpaya -- adhesion
Terra -- Earth
Terrasu -- Earthling, Terran (n.)
Terrupik -- earthly, earthling (adj.)
Tersau -- connect
Teseck -- buckle (n.)
Tershau -- collect
Tersu -- partner (n.)
Teruk -- corner (n.)
Tesha -- awe (v.)
Tesihk -- albumin
Teslau -- repair, fix (v.)
Tessaya -- addiction
Tetalaya -- friction
Tetau -- rub (v.)
Tev‘rak -- west
Tev-tor -- fall, descend; die
Tevakh -- death
Tevan -- descent, fall
Tevik -- dead
Tevun -- year
Thakau -- focus (v.)
Thal -- loose
Thal-tor -- loosen
Thalv -- page, sheet
Thanai -- adopt
Thas -- milk
Thasau -- lactate
Thasek -- breast (TGV)
Thav -- cone (plant)
Thek -- drop (rain, tear, etc.)
Thel‘a -- fat (n.)
Theris -- a Vulcan herb (often made into tea)
Thes-tor -- engrave
Theshau -- scrape (v.)
Thezh-tor -- drip (v.)
Thinai -- waste (v.)
Thol -- noble (adj.)
Thon-tor -- measure (v.)
Thonau -- anguish (v.)
Thonek -- meter (device)
Thorau -- burst (v.)
Thorshau -- explode (v.)
Thorshau-tukh -- explosives
Thorshaya -- explosion
Thorshak -- bomb
Thorshun -- cannon
Thrakh -- gneiss
Thrapt -- offense
Thrapt-tor -- offend
Thresh-tor -- split, cleave
Threshan -- speed, velocity
Throks -- give, share (with a superior)
Thruhk(-) -- foul, offensive, loathsome, repulsive
Thuhk -- cheese
Thurai -- next
Ti -- lay, lie (down)
Tik -- each
Tikopah -- independence
Tilau -- perforate, pierce
Tilek -- spear (n.)
Timut -- heel
Tin -- layer (n.)
Tinga -- dimension (measurement)
Tipan -- shoulder
Tish -- to you
Tishau -- like (v.)
Tizh-tor -- enjoy (v.)
Tlingansu -- Klingon
To'ovau -- to grow
To-gav -- law
To-pal -- coat (n.)
Tobeg-tor -- excuse (v.)
Todvel-tor -- elect (v.)
Togolau -- enforce
Tok-ti -- fine
Tol -- gene
Tolasau -- clone (v.)
Tolik -- genetic
Toltra -- chromosome
Tomasu -- kinsman, relative
Tor -- do, make (v.)
Tor-tal -- physics
Tor-vel -- mechanism
Tor-yatal -- "tor-ia-tal", challenge to death (anc.)
Tor-zhit -- verb
Torai -- action
Toran -- activity
Toranik -- busy
Torek -- process (n.)
Torektra -- system
Torsch -- feat
Torvau -- build, construct, produce (v.)
Torvukh -- sport (n.)
Tostau -- execute, put to death
Totsu-k'hai -- "totsu'k'hy", a disabling nerve pitch (anc.)
Tovek-tukh -- germanium
Tra -- mass, body, accumulation, assemblage
Tra-lan -- major (army/marines), lieutenancy commander (naval/Starfleet)
Trahokna -- institute
Trahokna t'Ek'Mishan T'Khasi -- Vulcan Institute of Technology
Trak -- pillow (n.)
Tral -- surge (n.)
Tran -- order (command) (n.)
Tran-tor -- order to do something (v.) Tranush -- patience
Trasha -- depart, leave
Trau -- honest
Trau'es -- honesty
Travek -- group, set, platoon
Traveksu -- sergeant
Travalau -- compile
Trefei -- martyr (v.)
Trefem -- martyr (n.)
Treit -- flock (n.)
Tren-tor -- master (v.)
Tres-tor -- rip, tear (v.)
Tresahk-tor -- rip into pieces, rend, shred (v.)
Treshau -- crack, split open (v.)
Tri-zhar -- an invasive procedure (anc.)
Trufemtu -- martyr (n.)
Tsa -- curve (n.)
Tsat -- secret (n.)
Tsatik -- secret (adj.)
Tsau-tukh -- zinc
Tsek -- column (n.)
Tselaya -- mutation
Tsokal -- territory
Tsorau -- store, cache, save up
Tsulaya -- amplitude
Tsur -- regular, common, usual, normal
Tsurkan-, Tsurkanik -- consistent
Tu -- you (after a vowel sound)
Tu'ash -- to open
Tu-lan -- Vulcan breathing exercise
Tuf -- chest (anat.)
Tuh -- stack, pile, heap (n.)
Tuhk -- dent (n.)
Tuhllar -- contents
Tuhsau -- cross (v.)
Tukh -- material, stuff, substance
Tum-tor -- count, add up, tally (v.)
Tum-vel -- computer
Tumak -- (computer) program
Tumau -- program (v.)
Tun -- care (n.)
Tupa -- lesson
Tus-tor -- load (v.)
Tusa -- weep (v.)
Tushat -- grief
Tusla -- cargo
Tusok -- exercise (n.)
Tvai -- mean (v.)
Tvelkau -- tune (v., radio, musical instrument, etc.)
Tveshu -- origin
Tvi-shal -- chamber, room, atrium
Tvihanek -- interface (n.)
Tvik -- inner (adj.)
Tvisek -- reflex
Tvitaya -- lining
Tviyan -- core (n.)

U'rak -- negative (polarity)
Ub -- dome
Uf -- how
Ugau -- promise (v.)
UK -- digit (finger or toe)
Ukhru-vishan -- affair
Ukralu -- crawl (v.)
Ukraluuk -- reptile
Ulef -- half
Ulidar -- mark, scar, blotch
Um -- tip, point
Un -- digit (math.)
Ur -- tunnel
Uralau -- sing (v.)
Uralausu -- singer
Urgam -- effort
Urozh -- crop(s)
Ushek -- basalt
Utan -- compassionate
Utan'es -- compassion
Utvau -- reason (v.)

Uz -- fee
Uzh -- new
Uzhau -- refresh, renew

V'Shar -- the Vulcan Security Force (anc.)
Va'amau -- mimic (v.)
Va'asau -- copy (v.)
Va'ashiv -- again
Va'num -- search (obs.)
Va'prah -- replace
Vah -- as (comparative)
Vahl -- grant, bequeath
Vai -- holy
Vai-\-, Vaikarik -- devout
Vaikau -- devote
Vak-zehl -- X-ray (n.)
Vakav'es -- frequency
Vakhik -- bold
Vaksurik -- beautiful
Val -- chip (n.)
Valit -- a Vulcan burrowing animal
Vam -- esteem (n.)
Van-kal -- ceremony (anc.)
Van-razh -- mine(shaft)
Van-tor -- mine, excavate, dig up
Van-tukh -- ore
Var -- tale, story
Var-tor -- tell, relate
Variben -- talk (v.)
Vas-tor -- relieve
Vash -- terror
Vashau -- destroy
Vat -- repository, temporary storage
Vath -- other
Vathru -- otherwise
Vau-tukh -- titanium
Vaukh -- calf (leg)
Vaunah -- hesitation
Vava -- echo (n.)
Vazgau -- steal
Vazh -- urine
Vazh-sa'haf -- bladder
Ved -- quite
Vedik -- weed
Vedrah prah -- acceptance & negation of pain & discomfort (anc.)
Vek -- (egg) yolk
Vel -- thing, item
Vel-zhit -- noun
Velek -- structure (biol., chem., etc.)
Velik -- simple, basic
Veltra -- property
Ven-dol-tar -- philosophy (anc.)
Venek -- trend (n.)
Venlinahr -- normal state of adult discipline
Ver-tor -- edit (v.)
Ves -- kind, type
Veshau -- elapse, pass (v.)
Vesht -- past
Veshtau -- experience (v.)
Veshtaya -- experience (n.)
Vesuhl -- bitumen (anc.)
Vet -- doubt (n.)
Vi -- who
Vi-kwitaya -- intrusion
Vihk -- blob, clod, clot, glob, etc.
Vihipan -- block (n.)
Vikau -- warm
Vikuvau -- encircle, surround
Vil -- odor
Vimashau -- liquify
Vin'es -- maturity
Vin-tor -- mature (v.)
Vinem-tor -- assimilate
Vinik -- mature(d) (adj.)
Vipladau -- record (v.)
Vis -- grid, net, web
Visak'a -- legacy (anc.)
Vishitau -- embed, put into place
Viskulan -- matrix
Visolektau -- bury
Visolektaya -- burial
Visovau -- inflate
Vita -- unless
Vitaya -- stasis
Vitik -- static (adj.)
Vitush -- ash(es)
Vivotaya -- infection
Viyik -- even (not odd)
Vla -- side (n.)
Vlavla -- parallel (adj.)
Vlau-tor -- stink (v.)
Vlei -- bellow (v.)
Vlitau -- pay (v.)
Vluhn -- drum (n.)
Vlur -- howl (v.)
Vohrau -- brake (v.), slow to a stop
Vohris -- slow
Vohtau -- delay (v.)
Vokau -- remember
Vom-tukh -- limestone
Vuhnauk -- divers, various
Vulu -- angle (n.)
Vulumau -- bevel (v.)
Vup -- feint (n.)
Vravshau -- fail
Vravshaya -- failure
Vre-kasht -- exile, outcast (anc.)
Vu -- you (reflexive)
Vugau -- to fester
Vuhlkansu -- a Vulcan
Vuhnau -- vary
Vuhnaya -- variation, diversity
Vukh -- hull, fuselage
Vukharat -- vector (n.)
Vukhut -- body
Vul -- angle, slant, slope
Vunai -- field (electromagnetic, etc.)
Vus -- echelon
Vutau -- call (v.)
Vuzh -- smoke (n.)
Wa' -- especially
Wadashau -- perspire, sweat (v.)
Wadi -- skin
Wafau -- deny
Waftau -- insult (v.)
Wak -- time
Wak-vel -- clock
Wakli -- in what manner, in what way
Wal-tukh -- magnesium
Wan -- cloud
Wan-kur -- white
Waneti -- flowering plant with tiny white blossoms
Wat -- problem
Watosh -- ugly
Wauk -- turbulence
Wef -- scale, flake
Weh -- more
Weh-rom -- better
Wehk -- many
Weht -- more
Wehu -- plural
Wei-, Weik -- easy
Wein -- cover (n.)
Weizhl -- series
Wek -- phase (n.)
Wel -- nerve (medical)
Wesh-tor -- streak (v.)
Wi -- yet
Wilat -- where
Wimish -- to be called/named
Wis -- tense (grammar)
Wivel'es -- tolerance
Wivelau -- tolerate
Woht -- funnel (n.)
Wonil -- narrow, strict
Worla -- never
Wu -- long
Wu-vath -- length
Wufik -- tight
Wufkau -- tighten
Wugau -- confirm
Wuh -- a, an
Wuh'ashiv -- another
Wuh-lan -- second lieutenant (army/marines); ensign (naval/Starfleet)
Wuh-thurai -- the next one
Wuh-wak -- once
Wuhkuh -- one (the number)
Wuk -- canker (sore)
Wun -- weapon

Ya'akash -- ask
Ya'shakhuv -- age
Yad-tukh -- thallium
Yadan -- edition
Yahv-tor -- borrow
Yai -- flame (n.)
Yak -- lymph
Yai -- indicator
Yar -- grass
Yar-kur -- a green color
Yar-tukh -- copper ore
Yaret -- visit (v.)
Yarmok -- salad
Yartik -- grain
Yatau -- father a child, sire (v.)
Yauluhk -- important
Yausha -- expire (v.)
Yaut -- proud
Yeht -- correct, right, real, true
Yeht'es -- truth, reality
Yeht-daya -- effective
Yeht-fam -- wrong, incorrect, false, untrue
Yeht-gav -- justice
Yeht-urgam -- efficient
Yekuhl -- moss
Yel -- star
Yel-ek'duv -- solar eclipse
Yel-Halitra -- Star Fleet
Yel-pi'maat -- solar system
Yel-pohshaya -- solar flare
Yel-spohan -- solar prominence
Yem -- meal
Yem-tukh -- food(stuffs)
Yen-tor -- forget
Yerak -- bowl
Yesik -- probable
Yetur -- drive (v.)
Yi -- then
Yidor-tor -- format (v.)
Yokul -- eat (v.)
Yokulsu t'Katralar -- "The Eater of Souls" (myth.)
Yol -- chitin (insect shell, etc.)
Yon -- fire
Yon-dukal -- sun
Yon-kur -- red
Yon-tor -- ignite, set on fire
Yon-tukh -- phosphorus
Yonag -- torch (flaming only)
Yonan -- ignition
Yonshau -- inflame
Yontau -- burn (v.), combust
Yonuk -- quarter (1/4)
Yorku -- guts, innards, viscera
Yu-mur -- egg
Yuk-tor -- sleep (v.)
Yuk-vel -- mattress
Yukal -- ovary
Yukau -- ovulate
Yumau -- flow (v.)
Yush-tukh -- polonium
Yut -- path, trail, way
Yuvik -- oval, elliptical
Yuzhat -- caution

Za' -- behind
Za-gad -- yesterday
Za-glan -- hindsight
Za-vel -- relic
Zadau -- forbid
Zahal-tor -- follow
Zahv-tor -- taste (v.)
Zakar -- damage
Zalu -- enzyme
Zam -- few
Zama-tor -- spy (v.)
Zamasu -- spy (n.)
Zan-tor -- view (v.)
Zaprah -- retrieve, get back, fetch
Zarahk-tor -- break into pieces, shatter
Zaseshau -- drag (v.)
Zasuhl -- granite
Zat(-) -- acute
Zat’es -- acuity
Zavikau -- trace, track down
Zeh -- beam, girder (n.)
Zehik -- straight
Zehl -- line, row, (-)beam
Zehl-tor -- align
Zehlanau -- sequence (v.)
Zek -- order (birth, seating, etc.)
Zhagra -- game
Zhai-kur -- gray
Zhai-tukh -- tin
Zhar -- rust (n.)
Zhar-kur -- orange
Zhar-tor -- rust (v.)
Zhel -- strap, band
Zhel-lan -- lt. colonel (army/marines); commander (naval/Starfleet)
Zherka -- emotions
Zhil -- term (n.)
Zhis -- steam (n.)
Zhit -- word
Zhit-dunap -- dictionary
Zhit-feim -- vocabulary (list)
Zhu-fam -- deaf
Zhu-tor -- hear (v.)
Zhu-yehat -- audible
Zhuk-om -- factory (anc.)
Zhuk-tor -- fabricate
Zihik -- blurred, fuzzy
Zish-tor -- slide (v.)
Zo -- no matter (how)
Zon-tukh -- barium
Zud -- tooth
Zud-halek -- gear (mech.), lit. "tooth-wheel"
Zudsu -- dentist
Zul -- lava
Zun -- letter (alphabet)
Zung-tor -- tire, fatigue
Zungor -- tired, fatigued
Zup-shal -- (work)shop
Zup-tor -- labor (v.)
Zupsu -- laborer, worker
Zus -- (drill) bit
Zuvel -- gadget, gizmo
FEDERATION STANDARD-GOLIC VULCAN DICTIONARY

"A" to "E"

ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU

> A < na' > E <

This is a major portion of our Golic Vulcan Language vocabulary but not an unabridged reference. All words here have been verified. These words can be used for both Traditional Golic Vulcan and formal Modern Golic Vulcan, except where noted. If you printed or saved a version of these words prior to January 12, 2002, please discard that obsolete material.

The abbreviation (anc.) means the word comes from an ancient, often non-Golic, source; (obs.) means the word is considered obsolete in contemporary use in the Golic Vulcan languages. All other abbreviations are standard abbreviations that should be easily understood. Also, the Golic Vulcan languages have adopted words from other Vulcan languages, both living and dead.

A, An -- wuh
Abacus -- tum-nentu
Abaxial (bot., zool.) -- irak-da-sfekik
Abbreviate -- zhipenau
Abbreviation -- zhipenaya
Abcission -- ha-snem
Abdomen -- feshek
Aberrant -- rivesik
Ability -- kup'es
Ablation -- pehk-thasaya
Ablation -- falkrashaya
Able -- kup
Ablepharia -- fam-bezhun-wein
Ablogeneses -- ha-nen-tveshu
Abolition -- rhatik
Ablutophobia -- wu'sibau-pthak
Abnormal -- ritsuri
About -- pa, pa'
Above -- abru'
Abrachia -- fam-karlar
Abrade -- grashau
Abranchiate -- masu-esheke-fam
Abrasion -- grashaya
Abrasive (n.) -- gashayek
Abscess -- pi'tak
Abscissa -- pa'ash-sfek-pit
Abscission (bot.) -- kas-krus-fosha
Absent -- tadek-adir (anc.)
Absolute -- ek'es-, ek'esik
Absolute age -- ek'esik ya'shakhuv
Absolute ceiling -- ek'es-pid-tin
Absolute convergence -- ek'es-teretaya
Absolute humidity -- ek'esik masu'es
Absolute magnitude -- ek'esik pul'es
Absolute value -- tsuri-tala; ek'es-tala
Absolute weight -- ek'es-rasath
Absolute zero -- ek'es-ris
Absorb -- vi-seshau
Absorbent (n.) -- vi-seshayek
Absorption -- vi-seshaya
Absorption band -- vi-seshau-zhel
Absorption lines -- vi-seshau-zehllar
Absorption spectrum -- vi-seshau-kurtra
Abundance -- mau-yan
Abyss -- gosh
Abyssal deposits -- (glu-)gosh-titayalar
Abyssal-benthic zone -- glu-gosh-shal
Abyssopelagic -- (glu-)gosh-masutraik
Acataphasia -- rish-nahp-nosh
Accelerate -- sahrau
Acceleration -- sahraya
Accelerator -- sahayek
Accelerometer -- sahrau-thonek
Accept -- nar-tor
Accepted, to be -- punar-tor
Access panel -- thro-wein
Accident -- kishaya
Accompany -- sailau
According to -- fupa s'
Account (n.) -- khrosahp
Accretion (med.) -- fito'ovaya
Accretion disk -- fito'ov-mathra
Accumulate -- hoknau, tabrukau
Accumulation -- hoknaya, tabrukaya
Accumulator (elect.) -- kipof
Acellular -- rinalaik
Acerophobia -- sfith-pthak
Acetic acid -- sfith-masu-sash
Acetone -- nen-nalesh(-tukh)
Ache (n.) -- sut
Achievement -- srashiv
Achlorophobia -- mu'gel-pthak
Achromasia -- spoh-wadi-nosh
Acid (compound) -- sash
Acid (solution) -- sash-masu
Acid rain -- sash-sov-masu
Acidemia -- pid-sash-nosh
Acidic -- sash-, sashik
Acidity -- sash'es
Acidosis -- ritsuri-sash-nosh
Acoustophobia -- ralash-pthak
Acknowledge -- nafai-tor
Acquire -- prah
Acquired behavior -- prah-kloshai
Acquired characteristics -- prah-noshtralar
Acquired immunity -- prah-tefosh'es
Acquisition -- prai
Acrophobia -- pidek-pthak
Acropetal -- na'umik
Across -- mes'
Act (v., in a play, etc.) -- per-tor
Actinic rays -- glakuv-ha'zehllar
Actinium -- r'dahn-tukh
Actinodermatitis -- saya-wadi-yonshaya; yel-wadi-yontaya, yel-wadi-yonshaya
Actinoid (zool.) -- yel-shidik
Actinomycosis -- halek-talvot-has
Actinotherapy -- ha'zehl-ben-gun
Action -- torai
Activate -- vitorau
Activated carbon -- vitor-nol-tukh
Activated charcoal -- vitor-yonol-tukh
Activator -- torai-vel (elect., mech.); vitorayek (bio., chem.)
Active -- torupik
Active array -- torupik zehlaya
Active device -- torupik el'mish
Active electrode -- torupik narafek
Active fault -- torupik dvun-zehl
Active filter -- torupik kapol
Active margin -- torupik rihkal
Active resistance -- torupik tehnaya
Active volcano -- torupik zul-kunel
Activity -- toran
Activity coefficient -- toran-kakratulek
Actor, Actress -- per-ihop (anc.)
Acuity -- za't'es
Aculeate (biol.) -- salum-, salumik
Acupria (Vulcan "anemia") -- fam-khaf-meil (svi'hasular k'yar-khaf-nalalar)
Acupuncture -- lum-ben-gun
Acutance -- glakuv-zat'es
Acute -- zat
Acute angle -- zat-vulu
Acrylic (bot.) -- kulanik
Adapt -- rubilau
Adaptation -- rubilaya
Adapter -- rubilau-vel
Adaptive array -- rubilau-zehlaya
Adaptive radiation -- rubilau-saya
Adaxial (biol.) -- na-da-sfekik
Add -- hau
Addend -- hau-vel
Addict -- tessau; tessausu
Addiction -- tessaya
Addition -- haya
Additional -- hayaik
Additive function (math.) -- hau-is-kek
Additive process -- hau-torek
Address -- shi'yavekh
Adduction -- na-dvunel
Adendritic -- wel-gel-famik
Adenitis -- pi'nafek-yonshaya
Adenoid -- za-han-pi'nafek
Adhesion -- terpayek
Adhesive (n.) -- terpayek
Adiabatic -- ri-falek'es-rubaik
Adiabatic change -- ri-falek'es-rubaik rubah
Adiabatic equation -- ri-falek'es-rubaik vo'ihn
Adiabatic lapse rate -- ri-falek'es-rubaik sov-shen-tav
Adiabatic process -- ri-falek'es-rubaik torek
Adiactinic -- ri-ha'gel-torupik
Adipose tissue -- thel'upik nalatra
Adit -- ek'tukh-razh; thro-ur
Adjacent -- beyi-, beyik
Adjective -- rub-zhit
Adjust -- namishau
Administrator -- ekhartau
Administrator -- ekhartausu
Admiral -- halitra-lan
Admiral, Rear -- nik'el-lan
Admiral, Vice -- shailtra-lan
Adopt -- thanai
Adoption -- thanah
Adoral -- be'ru'lutik
Adrenal gland -- abru-kapol-nafek
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Adsorbent (n.) -- fiterpayek
Adsorption -- fiterpaya
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Advanced -- stor
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Advise -- na'shikhau
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<td>Altimeter -- pidek-thonek</td>
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Astatine -- dvor-tukh
Asteroid -- pi'ek'tra
Asthenia -- fam-karik'es-nosh
Astringosphere -- abru-tvi-kovtra
Astringent (n.) -- (wadi-)wufkau-tukh
Astrobleme -- skrash-kwul-razh
Astrogator -- stukh-kharayek
Astrogeology -- s'udish-solektra-tal
Astrometric sensor -- stukh-thonau-kashek
Astronomer -- yel-talsu
Astronomy -- yel-tal
Astrophysicist -- stukh-talsu
Astrophysics -- stukh-tal
Asymmetric -- ritalikalik
Asymmetry -- ritalikal
Ataraxis -- kash-hayal'es
Atheazagoraphobia -- zhuk-fak-pthak
Atmosphere -- igen-tukh
Atmospheric line -- sov-ne'hish-zehl
Atmospheric motion -- sov-dvun
Atmospheric pressure -- sov-ne'hish
Atmospheric tides -- sov-ne'hish-mashenlar
Atmospheric water -- sov-masu-nakh
Atom -- galu
Atomic -- galu-, galupik
Atomic bomb -- galu-thorshek
 atomic clock -- galu-wak-vel
Atomic energy -- galu-tepul
 Atomic mass -- galu-shivak
 Atomic number -- galu-su'us
 Atomic structure -- galu-velek
Atomic weight -- galu-rasath
Atresia -- fam-sharushan-nosh
Atrium -- tvi-shal
Attack -- nashiv, nashiv-tor
Attainment -- bai'elkhruil-akteiben (anc.)
Attitude control (aero.) -- hash-shul-tash
Attitude indicator -- hash-shul-yal
Attract -- skamau
Attraction -- skamaya
Atychiphobia -- vravshaya-pthak
Audible -- zhu-yehat
Audiofrequency -- zhu-vakav'es
Audiology -- ralash-tal
Auditory canal -- zhu-ur
Auditory center -- zhu-svitan (t'ishad)
Auditory nerve -- zhu-wel
Auditory ossicles -- zhu-pi'hineklar
Aunt -- ezyet (anc.)
Aural -- kaluk-, kalukik
 Auricle (of ear) -- si-kaluk
 Aurophobia -- kin-tukh-pthak
 Aurora -- igen-gellar
 Autecology -- shatri-malat-tal
 Author -- kitausu
 Authority -- ek'te'kru
 Authorize -- ek'te'kau
 Autism -- saktra-nosh
 Autistic -- saktra-, saktraik
 Autoclave (n.) -- ne'hish-falek-vel (chem.); ne'hish-ek'puyek (med.)
 Automate -- shatileau
 Automatic -- shati-, shatik
 Automatic camera -- shati-glayek
 Automatic control -- shati-tash
 Automatic docking system -- shati-kifau-torektra
 Automatic door -- shati-svep
 Automatic exposure -- shati-sashavaya
 Automatic frequency control (AFC) -- shati-vakav'es-tash
 Automatic gain control -- shati-nazh-tash
 Automatic gate -- shati-temep
 Automatic landing system -- shati-fisolekau-torektra
 Automatic mixture control -- shati-rish-tash
 Automatic phase control -- shati-wek-tash
 Automatic pilot -- shati-hashek
 Automatic shutter -- shati-ha'wein
 Automatic stabilizer -- shati-tahetilayek
 Automatic transmission -- shati-mesmishek
 Automatic tuning -- shati-tvelkaun
 Automatic voltage regulator -- shati-toruk-pakhartayek
 Automatic volume control -- shati-ral'es-tash
 Automatic weather station -- shatik igen-va-wurzel
 Automation -- shatileau
 Automysophobia -- pukitork-pthak
 Autonomic -- sa'a, sa'atik
 Autonomic movement -- sa'a-dvun
 Autonomic nervous system -- sa'a-wel-torektra
 Autonomic reflex -- sa'a-tvisek
 Autonomous -- sa'a-, sa'atik
 Autonomous vehicle -- sa'a-hali
 Autopilot -- shati-hashek
 Autopsy (n.) -- tevikeh-nisaya
 Autorotation -- sa'a-dan
 Autosome -- riguv-toltra
 Autostabilizer -- shati-tahetilayek
 Autotropic -- shai-torvau-, shai-torvauk
 Autumn (season) -- Tasmin, "Tasmeen" (colloquial); urozh-wak (scientific)
Autumnal equinox -- ka-wak-gad t'urozh-wak
Auxiliary -- kvath-, kvathik
Auxiliary air intake -- kvathik sov-prah-vel
Auxiliary control (room) -- kvath-tash-svitan
Auxiliary core -- kvath-tviyan
Auxiliary lift motor -- kvath-aberau-mishu
Auxiliary power -- kvath-tepul
Auxiliary power interface -- kvath-tepul-tvihanek
Auxiliary rotor -- kvath-pl'dayek
Auxiliary switch -- kvath-dvelek
Auxiliary tank -- kvath-tuhlek
Auxin -- wu-dau-tukh
Auxocyte -- du-dahsau-nala
Auxometer -- sukmakhau-tepul-thonek
Available -- la'ka-yehat
Available light -- la'ka-ha'gel
Available power -- la'ka-tepul
Avalanche -- (suk')izh-skish; (suk')kov-skish
Average (adj.) -- bov-, bovik
Average -- bov, bov-tor
Average current -- bov-katrom
Average curvature -- bov-tchakat
Average speed -- bov-threshan
Aversive stimulus -- teh-n-kastoran
Avian (adj.) -- kushel-, kushelik
Aviator -- (sayik) hashsu
Aviatrix -- (koyik) hashsu
Avid -- nayik
Avulsion -- sa-tres
Awe -- tesha, teshan
Awed, to be -- putesha
Awl -- razhek
Ax(e) -- la'ash
Axenic -- riakan(-); wuh-koshtri-, wuh-koshtrik
Axial compressor -- da-sfek-lerakovayek
Axial engine -- da-sfek-mishu
Axial flow turbine -- da-sfek-yumauk mor-dayek
Axial ratio -- da-sfek-tavat
Axial response -- da-sfek-kesaya
Axial vector -- da-sfek-vukharat
Axil -- fek-tersau-vul
Axile -- svitan-fekik
Axiom -- ka'yed (anc.)
Axis -- da-sfek
Axis of symmetry -- talikal-da-sfek
Axle -- da-fek
Axle weight -- da-fek-rasath
Axon -- wel-elak
Axonal amplifier -- wel-elakh-ashenayek
Axonometry -- thon t'khush-da-sfek
Azimuth -- ir-zehl-kes
Azimuth angle -- vulu t'ir-zehl-kes
Azimuth marker -- ulidek t'ir-zehl-kes
Azonal soil -- rivin-solek
Azoospermia -- ovotik sa-nei-fam
Azotemia -- pid-sovu-vok svi'khaf
Azoturia -- pid-sovu-vok svi'vazh
Azygous -- ri-shifik
Azymia -- fam-zalu-nosh

Baby -- kan-bu
Baccate (adj.) -- nei-savas-kahk
Bacillemia -- nosh t'fek-talvot svi'khaf
Bacillophobia -- pthak t'numa-ha-veller
Baciluria -- nosh t'fek-talvot svi'vazh
Bacillus -- fek-talvot
Back (n.) -- pla'dor
Back mutation -- za-tselaya
Back pressure -- pla-ne'lish
Back up (v.) -- pla-tor (reverse); kvath-korsau (save)
Backbone -- plat
Backdraft -- zafnalan
Backfire -- po-thorshau, po-thorshaya
Backflow (n.) -- pla-yumaya
Background (n.) -- za-mesu
Backshore -- pid-shahov
Backswamp -- ne-flash
Backup (adj.) -- kvath-, kvathik
Backup data network -- kvath-faik-vistra
Backup file -- kvath-deik
Backward(s) -- pla'rak
Backwash -- sayumaya
Backwater -- pla-masu
Bacteremia -- nosh t'talvot svi'khaf
Bacterial -- talvot-, talvotik
Bactericide -- talvot-stau-tukh
Bacteriology -- talvot-tal
Bacteriophobia -- talvot-pthak
Bacterium -- talvot
Bacteruria -- nosh t'talvot svi'vazh
Bad -- rasahkos (anc.)
Baffle (n.) -- hertak
Baffle plate -- hertak-math
Bag -- sa'haf
Bajoran -- Beidzhursu
Bake -- leipau
Baker -- leipausu
Bakery -- leip-kel
Balance (equilibrium) -- vo'ektau, vo'ektaya
Balance (scales) -- vo'eki
Balance arm -- vo'ek-kar
Balance bar -- vo'ek-mofek
Balance box -- vo'ek-natuhn
Balance crane -- vo'ek-aborayek
Balance point -- vo'ek-shek
Balance spring -- vo'ek-mopakuv
Balance weight -- vo'ek-rasath
Balance wheel -- vo'ek-halek
Balanced amplifier -- vo'ektal-ashenayek
Balanced circuit -- vo'ektal-raf-kuv
Balanced network -- vo'ektal-vistra
Balanced polymorphism -- ka-wehk-shidan
Balanced system -- vo'ektal-torektra
Balcony -- fah-yat (anc.)
Ball -- dukal
Ball bearing -- dukal-kuvish
Ball cock -- markau-kar-spunek
Ball lightning -- dukal-igen-wesh
Ball valve -- dukal-spunek
Ball-and-socket joint -- dukal-guf-lesek
Ball-pee hammer -- dukal-patamik mah-vel
Ballast (ship) -- tihe'es-rasath-tukh
Ballistics -- tal t'dvunan-vel svi'seshan-vunai
Balloon (n.) -- sov-dukal
Balneology -- wu'sibau-tal
Band (n.) -- zhel
Bandage -- zhumav
Banish -- sahaisau
Banishment -- sahaisaya
Bandsaw -- zhel-zuneshek
Bank -- kutra
Banner -- hai-fan
Bar (metal) -- mofek
Bar code -- fek-kiht
Bar graph -- fek-besan
Bar magnet -- fek-seshan-kov
Barchan -- dah-stonn-sef
Bare -- wein-fam(-), wein-famik; sai-fam(-), sai-famik
Bare conductor -- wein-fam-spayek
Barefoot (adj.) -- sai-fam-ash'yaik
Barge (n.) -- tus-hali
Barium -- zon-tukh
Barium sulfate -- vlau-keh-eshu t'zon-tukh
Bark (botany) -- lap-wadi, kas-wadi
Barn -- ausha-kel
Barograph -- sov-ne'hish-besan(ek)
Barometer -- sov-ne'hish-thonek
Barrel -- subok (container); wun-mev (gun)
Barrier -- foshek
Baryon -- pu'gal
Baryon number -- pu'gal-su'us
Baryon sensor -- pu'gal-kashek
Basal body -- nen-vukhut
Basal ganglia -- nen-weltalar
Basalt -- ushek (anc.)
Base -- sovash (chem.); nen (foundation); nen-su'us (number)
Base angle -- nen-vulu
Base level -- nen-tin
Base metal -- u'mokey
Base pair -- nen-shif
Base unit -- nen-kebi
Base vector -- nen-vukharat
Baseboard -- temok-nen-dohn
Baseline -- nen-zehl
Basement -- ne-shal
Bashful -- fus-, fusik
Basic (easy, simple) -- vel-, velik
Basic (fundamental) -- nen-, nenik
Basket -- ki'haf (anc.)
Basophilic -- sovash-ashauk
Bass (low frequency sound) -- neralash
Bass boost -- neralash-aboraya
Bass frequency -- neralash-vak'ev'es
Bast (botany) -- si-tin t'lap-vukhut
Batch (n.) -- def
Bath -- wu'sibav (anc.)
Bathe -- wu'sibau
Batholith -- neik-zul-kov
Bathophobia -- gluder-thonak
Bathyal zone -- glu-masutra-shal
Bathybic -- glu-masutra-, glu-masutraik
Bathycardia -- noh t'neik-khaf-spol
Bathylinmetic -- glu-suk'muzh-hatik
Bathymetry -- glu-masutra-thonaya
Bathyscaphe -- glu-masutra-hali
Bathysphere -- glu-masutra-vel
Battery (elect.) -- kipof
Battery booster -- kipof-aborayek
Battery charger -- kipof-falunayek
Baud -- glantokau-threshan
Baud rate -- glantokau-threshan-tav
Bauxite -- wan-tukh-van
Bawl (v.) -- vlei, tusa
Bay (n.) -- tchol
Bayonet -- pohshek-tilek, pohshayek-tilek
Be (v.) -- nam-tor
Beach -- shahov
Beach cusp -- dah-stonn-pi'sef (t'shahov)
Beacon -- glaribek
Beak iron -- mah-vihpan-stonn
Beam (constr.) -- zeh
Beam (ray) -- ha'zehl; (-)zehl
Beam antenna -- ha'zehl-kash-gel
Beam emitter -- ha'zehl-sayek
Beam force selector -- ha'zehl-nekwitau-dvelek
Beam splitter -- ha'zehl-dahshayek
Beam width selector -- ha'zehl-eik'es-dvelek
Bear -- lesh (carry, support); keshta (give birth to)
Beard -- hisahk
Bearing (mech.) -- kuvis
Bearing wall -- lesh-temok
Beat (v.) -- kuhsh-tor
Beautiful -- vaksurik
Beauty -- vaksur
Because -- fai'ei (TGV); fayei (MGV)
Beckon -- takau
Become -- shetau
Bed -- sar-tak (furniture); lan-tol (geology)
Bedrock -- nen-kov
Bedroom -- shi'yuk
Beetle -- sark
Before (in front of) -- fa'
Begin -- palikau
Beginning -- palikaya
Behave -- kloshah
Behavior -- kloshai
Behind (prep.) -- za'
Beige -- ha'mazhiv-kur
Being (lifeform) -- hasu
Belemnoid -- kli-shidik
Belfry -- kus-vakh-kispek
Belief -- dva
Believe -- dva-tor
Believed, to be -- pudva-tor
Believer -- dvasu
Bell -- kus-vakh
Bell curve -- tuh-tsa
Bell metal -- kus-vakh-mokey
Bellow (v.) -- vlei
Belly (n.) -- nehg
Belly tank -- ne-tuhlek
Below -- ne'
Belt -- zhel (mech., etc.); san-zhel (clothing)
Belt drive -- zhel-yeturek
Benamite crystal -- benam-tukh-kush
Bench -- wu-ku-san (seat); zhuk-pasu (work surface)
Bend -- vulau, vulaya
Beneath -- ne'arak
Benefit -- rufai (n.); rufah (v.)
Benign -- rigath
Benthic zone -- masu-lanet-shal
Benthos -- ha-vellar t'masu-lan-tol
Benzene -- kukey(-tukh)
Benzene ring -- kukey-mokuv
Berkelium -- reh-tukh
Berry -- nei-savas
Beryl -- dzhan(-kush)
Beryllium -- dzhan-tukh
Beside -- be'
Bet -- sihau, sihaya
Beta decay -- tih-nehaya
Beta emitter -- tih-sayek
Beta particle -- tih-pi'gal
Beta radiation -- tih-saya
Beta rays -- tih-zehllar
Betazed (person/language) -- Beitazedsu
Béton -- nok
Béton armé -- fokarikal-nok
Betray -- svik-tor
Betrayal -- svik
Betrayed, to be -- pusvik-tor
Better -- weh-rom
Between -- sv'i
Bevel -- vulumau, vulumaya
Bevel gear -- vulu-zud-halek
Beyond -- mesakh
Bezel -- ek'zer-tam (gemology); makh-meskarayek (watch, etc.)
Bézier curve -- ts'a t'Kusak
Biaxial -- dah-da-sfekik
Bibliophobia -- dunap-pthak
Bicentric -- dah-svitan-, dah-svitanik
Bicentric distribution -- dah-svitan-shitaya
Bicuspid (adj.) -- dah-sfek-, dah-sfekik
Bicycle -- dah-halek
Bidirectional -- dah-khara-, dah-kharaik
Biennial (adj.) -- dah-tevunik
Bifacial leaf -- dah-limuk-mor
Bifid -- dah-krusik
Big -- suk, suk'
Bigeneric -- dah-komak-, dah-komakik
Bigeneric hybrid -- dah-komakik rish-ha-vel
Bilabiate -- dah-bru-, dah-bruyik
Bilateral -- dah-vla-, dah-vlaik
Bilateral symmetry -- dah-vla-talikal
Bile -- thel'a-zalu-masu
Bile duct -- thel'a-zalu-mev
Bile salts -- thel'a-zalu-alemlar
Bilge -- smashau-shal (t'masu-hali)
Bilge keel -- teh-padukau-rakek (t'masu-hali)
Bilge pump -- smashau-shal-spunek (t'masu-hali)
Biliary tract -- thel'a-zalu-ek'ur
Bimanual (adj.) -- dah-el'ruhik
Binary (adj.) -- dah-, dahik; dah-krus-, dah-krusik
Binary code -- dah-kiht
Binary fission -- ek'dahsaya
Binary notation -- dah-pitohat
Binary scale -- dah-mathu
Binary star -- dah-yel
Binaural -- dah-kaluk-zhuyik
Binocular (adj.) -- dah-bezhun-, dah-bezhunik
Binoculars -- dah-zan-vel
Binomial (n.) -- dahsu'us
Binomial array -- dahsu'us-zehlaya
Binomial coefficient -- dahsu'us-kakratulek
Binomial distribution -- dahsu'us-sagan
Binomial function -- dahsu'us-kek
Binomial theorem -- dahsu'us-kek'yed
Bivovular twins -- t'dahsular s'natyayu-murlar
Bio-scanner -- ha-glashayek
Biochemistry -- ha-meil-tal
Bioclastic rock -- ha-zarahk-kov
Bioclimatology -- ha-ek'nosh-tal
Biodiversity -- ha-don-ka'es
Biogenic -- ha-torvaik, ha-storauk
Biogenic compound -- ha-storau-tukh
Biogenesis -- ha-storaya
Biogeography -- ha-solektra-tal
Biohazard -- ha-tehvar
Biological -- ha-, hatik
Biological clock -- ha-wak-vel
Biological control -- ha-tash
Biological race -- ha-koshtri
Biological warfare -- ha-vel-ahkhan
Biology -- ha-tal
Bioluminescence -- ha-ha'tanaya
Biomass -- hatra
Biome -- ha-kas-shal
Biometeorology -- igen-va-tal t'ha-vellar
Biomimetic gel -- ha-va'amau-khlup
Biophysics -- ha-tor-tal
Biopsy (n.) -- nalatra-nisan
Biosphere -- ha-ek'shal
Biostratigraphy -- ha-tin-tal
Biosynthesis -- ha-fereikan
Biosynthetic limb -- ha-sutorik sikrus
Biota -- shal-ha-veltra
Biotic -- ha-, hatik
Biotic association -- ha-katravek
Biotic barrier -- ha-foshek
Biotic factor -- ha-klai
Biotite -- nesh-timazh-kov
Biotopographic -- ha-solektra-shidik
Biotroph -- sakasu-nalatra-neshuhk
Biotype -- ha-ves
Biozone -- wak-ha-shal
Bipedal -- dah-mal-latesik
Bipinnate -- dah-patik
Bipolar coordinate -- dah-naik shi-kethel
Bipyramid -- dah-rekun
Biramous -- dah-gel', dah-gelik
Bird -- kushel
Birth -- keshtan
Birthday -- gad t'keshtan
Birthmark -- keshtan-kur-vel
Bisect -- dah-nesh-tor (cut); dahlefau (math.)
Bisector -- dahlefayek
Bisexual (adj.) -- dah-guv-, dah-guvik
Bisexuality -- dah-guv'es
Bismuth -- grok-tukh
Bisphenoid -- dah-shihvek-vel
Bite -- zeshau, zeshaya
Bitter -- sfith(-)
Bitumen -- vesuhl (anc.)
Black -- nesh-kur
Black hole -- stukh-wak-razh; pash-yel
Blacksmith (n.) -- shek-zhuksu
Blade (n.) -- (wun-)mor
Blade angle -- mor-vulu
Bladder (anat.) -- vazh-sa'haf (TGV), vazhaf (MGV)
Blame -- tenah, tenai
Blanket (bedding) -- yuk-sai
Blast -- thorshau, thorshaya
Blast shutter -- thorsh-fo-wein
Blastocyst -- tab-nala-dukal
Blaze (n.) -- yon
Bleach -- laf-, lafau
Bleaching -- lafaya
Bleed -- khafau
Bleeding -- khafaya
Blend -- herish, herish-tor
Blender (device) -- herishek
Blenophobia -- shuhk-pthak
Blepharitis -- bezhun-wein-yonshaya
Bless -- kudau
Blessing -- kudaya
Blight (n.) -- luk-has
Blind (adj.) -- glan-fam
Blind, The -- Glan-famu
Blindness -- glan-fam'e's
Blister (n.) -- yontau-masu-vihk
Blivet -- hal-tukh-sa'haf
Blizzard -- izh-sahriv
Blob -- vihk
Block -- klotau (v.); vihpan (chunk of wood, etc.)
Blockage -- klotaya
Blood -- khaf
Blood cell -- khaf-nala
Blood clot -- khaf-vihk
Blood coagulation -- khaf-vihkaya
Blood count -- khaf-tum
Blood donor -- khaf-tansu
"Blood fever" -- plak-tau (anc.)
Blood flow -- khaf-yumaya
Blood group -- khaf-maat
Blood plasma -- (bosh-)khaf-masu
Blood poisoning -- khaf-gisaman
Blood pressure -- khaf-ne'hish
Blood sugar -- khaf-slor-tukh
Blood test -- khaf-nisan
Blood typing -- khaf-vesaya
Blood vessel -- khaf-mev
Bloom -- svai, svai-tor (flower); sposhan (explosive growth)
Bloomed -- svai-tu'ashya
Blow (v.) -- salur
Blow up (v.) -- thorshau (explode); visovau (inflate)
Blower (device) -- salur-vel
Blown sand -- salan-mazhiv
Blowpipe -- salur-mev
Blue (color) -- pla-kur
Blue-green (color) -- pla-yar-kur
Blueprint (n.) -- torvau-besan
Blunt (adj.) -- pas-, pasik (not sharp); it-fam (tactless)
Board (n.) -- dohn
Boat -- masu-hali
Body -- vukhut
Body cavity -- vukhut-pi'tauk
Bog (n.) -- flasikh
Bohrium -- leh-reh-tukh
Boil (med.) -- pi'tak
Boil (v.) -- kan-tor
Boiler -- kanek
Boilermaker -- kanek-zhuksu
Boiling point -- kan-falek'es
Bold -- vakh
Bole (botany) -- lap-fek
Bolide -- thorsha-wesh-kov
Bollard -- kif-lehk
Bolt (mech.) -- terk, terkau
Bolus -- yemtra
Bomb -- thoshkeh; thoshkau
Bombardment -- thoshkaya
Bomber (vehicle) -- thoshk-hali
Bonanza -- don-kut (anc.)
Bond -- tel, tel-tor
Bonded (adj.) -- telik
Bonded, One who is -- telsu
Bonding (n.) -- telan
Bone -- hinek
Bone marrow -- hinek-masu
Book -- dunap
Bookbinder -- dunapsausu
Bookbinding -- dunapshaya
Bookcase -- dunap-tsorayek
Boolean algebra -- seht-su'us-ek'tal t'Seshet
Boom (sound) -- ork, orkau
Boost -- aborauf, aboraya
Booster -- aborayek
Booster coil -- aborauf-paku
Booster pump -- aborauf-sopol
Booster rocket -- aborauf-yon-hash, aborayek
Booster station -- aborauf-wurzel
Boot (n.) -- kluf
Border (n.) -- ek'zehl
Bore (ocean.) -- pilash-mashen-pral
Bore (v.) -- spitau
Boreal climate -- pid-desh'ra-k-e'k'nosh
Boreal forest -- pid-desh'ra-k-laptra
Boreal zone -- pid-desh'ra-k-shal
Boric acid -- sash t'ra-k-reh-eshu
Boring (adj.) -- guh-f, guh-fik
Boring bar -- spitau-mofek
Boring machine -- spitau-mishu
Boring tool -- spitau-raul
Born, to be -- pukeshta
Boron -- rak-tuk
Borrow -- yahv-tor
Boss (n.) -- feihan
Botany -- kastik-tal
Both -- on
Bother (v.) -- ertau
Bottle -- mashek
Bottle glass -- mashek-makh
Bottom (n.) -- lanet
Bouchon -- da-sfek-radet (t'wak-vel)
Boulder -- suk'kov
Bounce -- rukau, rukaya
Boundary -- krup
Boundary layer -- krup-tin
Bow (n.) -- khom-krus (ship); kes-wun (weapon); ovulaya
Bow (v.) -- ovulau
Bowl -- yerak
Bowstring -- kes-wun-elakh
Box -- natuh
Boy -- sa-kan
Bra -- thasek-dah'haf (TGV); thak-dah (MGV)
Brace (v.) -- fir-tor
Bracelet -- kar-nik-zhel
Brachialgia -- kar-kusut(-nosh)
Brachiocephalic -- patam-kar-, patam-karik
Brachycephalic -- pen-patam-, pen-patamik
Brachycerous -- pen-kash-gelik
Brachydactyl -- (ritsuri) pen-uk-nosh
Bracing (n.) -- firan
Bracing wire -- fir-mokelakh
Bracket (n.) -- mad
Brackish -- krus-alem-masupik
Bradyarthria -- (ritsuri) vohri-stariben-nosh
Bradycardia -- vohri-threshan-nosh t'kahf-pol
Bradykinesia -- (ritsuri) vohri-dvun-nosh
Bradylalia -- vohri-stariben-nosh
Bradynpnea -- vohri-threshan-eshan
Braid -- pris, pris-tor
Brain -- shi'nahp (TGV); shad (MGV)
"Brain death" -- ek'tevakh
Brain tumor -- shad-gnal
Brain waves -- shad-katromlar
Brake -- vohrau; vohrayek
Brake band -- vohrau-zhel
Brake drum -- vohrau-vluhn
Brake lining -- vohrau-tvitaya
Brake pad -- vohrau-trak
Brake parachute -- vohrau-tev-sai
Brake shoe -- vohrau-shihvke
Branch (n.) -- gel (path, segment); kas-gel (bush); lap-gel (tree)
Branch (v.) -- gel-tor
Branchiostegal -- masu-eshanek-weinik
Brass -- dvesh-tukh
Brazier -- fas-nentu (cooking); psethek (drying); lamekhek (warming)
Bread -- kap
Break -- shau, shaya
Break into little pieces -- zarahk-tor
Breaker -- (raf-)shayek (elect.); kik-pral (ocean.)
Breakfast -- asal-yem
Breakthrough -- sastoraya
Breakwater -- pral-foshek
Breast -- thasek (TGV); thak (MGV)
Breast bone -- tuf-hinek
Breast pump -- thas-spol
Breath -- esh
Breathe -- esh-tor
Breathing -- eshan
Breccia -- zarahk-teret-kov
Breed (n.) -- kosh-ves
Breeder reactor -- fereik-folayek
Breeze (n.) -- pl'salan
Brick -- dok
Brick clay -- dok-krizhiv
Bricklayer -- dok-torvausu
Bridge -- tash-svitan (command center); mesut (span)
Bright (adj.) -- ugel-, ugelik (light); klon-, klonik (smart)
Brightness -- ugel'es
Brilliancy -- maut-ugel'es (brightness); maut-klon'es (intelligence)
Brilliant (adj.) -- maut-ugelik (very bright); maut-klonik (very smart)
Brine -- alem-masu
Bring -- katau
Brink (n.) -- rihk
Brisket -- neik-tuf (t'aushfa)
Bristle (n.) -- stegel-isach
Brittle -- wei-shau-yehat
Broad-leaf -- eik-mor-kastik, eik-mor-lap
Broad-leaved -- eik-morik
Broadcast -- sasau, sasaya
Brochure -- dunesh
Broken, to be -- pushau
Bromine -- fnek-tukh
Bronchial -- eshaf-mev-, eshaf-mevik
Bronchiol-- pl'eshaf-mev
Bronchitis -- eshaf-mev-yonshaya
Bronchoscopy -- eshaf-mev-zanan
Bronchus -- suk'eshaf-mev
Bronze (n.) -- krish(-tukh)
Brood (n.) -- kesh-travek
Broom -- fnash-vel
Brother -- sa-kai
Brown -- khav-kur
Bruise (n.) -- wadi-yarek
Brush (n.) -- achut
Bruxism -- zud-grazhau-nosh
Bryology -- yekuhl-tal
Bubble -- duk, dukau
Bucca -- nak
Buccal cavity -- tvi-ru'lut(-pi'tauk)
Buccal gland -- ru'lut-pl'hafek
Bucket -- mashuk
Buckle (n.) -- tersek
Bud (n.) -- svai-mur (flower); krus-mur (leaf, stem, etc.)
Buffer -- fukat, fukat-tor
Buffer action -- fukat-torai
Buffer battery -- fukat-kipof
Buffer circuit -- fukat-raf-kuv
Buffer solution -- fukat-meil-masu
Buffeting (aero.) -- hash-hutaya
Bug (v.) -- smertau
Build -- torvau
Builder -- torvausu
Building -- kel
Bulb (botany) -- kas-mur
Bulkhead (aircraft/ship) -- tvi-temok
Bull's-eye -- les-svitan
Bump (n.) -- kad
Bundle (anat.) -- slahtra
Bunsen burner -- yontayek t'ek'tal-zup-shal
Buoy -- (markau-)ulidayek
Buoyancy -- abmarkan'es
Buoyant -- abmarkan-, abmarkanik
Burial -- visolektaya
Burn -- yontau, yontaya
Burner -- yontayek
Bursa -- lesek-sa'haf (boshal k'masu)
Bursiform -- sa'haf-shidik
Bursitis -- lesek-sa'haf-yonshaya
Burst -- thorau, thoraya
Bury -- visolektau
Bushing (mech.) -- radet
Bussard collector -- tershayek t'Bussard
Busy -- toran-, toranik
But -- hi
Butte -- (pa'ash-)kunel (non-volcanic); zul-kunel (volcanic)
Butterfly valve -- mathra-spunek
Buttocks -- pla'krustral
Button -- gonaf
Buttress (n.) -- si-kel-nenikaya
Buy (v.) -- mahr-tor
Bypass -- pamutau, pamutaya; pamutayek
Bypass pump -- pamutau-spol
Bypass valve -- pamutau-spunek
Cabinet -- tsorayek
Cable (n.) -- elakh
Cable buoy -- (markau-)elakh-ulidayek
Cable duct -- elakh-mev
Cable release -- elakh-torai-vel
Cable stitch -- elakh-og, elakh-og-tor
Cabling -- elakhtra
Cache -- tsorau, tsoraya
Cache memory -- tsorau-vokaya
Cacophobia -- watosh-phant
Cadaver -- tevikeh
Cadet -- ne-lan
Cadmium -- stal-tukh
Cadmium sulfide -- vla'u t'stal-tukh
Caduceus -- ten-tevan-, ten-tevanik
Cage -- kraisek, kraisau
Calcaneus, Calcaneum -- timut-hinek
Calcareous -- gav-, gavik
Calciferous -- gav-alem-, gav-alemik
Calcification -- hinekaya
Calcination -- tukh-fasan
Calcine -- fasu-tukh
Calcite -- gav-khush-tukh
Calcitonin -- hinek-dau-tukh
Calcium -- hinek-tukh
Calcium carbonate -- gau t'hinik-tukh
Calcium chloride -- lafu t'hinik-tukh
Calculus -- pitoh-su'us-ek'tal (math.); nafek-kov (med.)
Caldera -- ne'hal-zul-razh
Calendar -- gad-besan
Calf (anat.) -- vaukh
Caliber, Calibre -- wun-fna-thon (gun), mev-fna-thon (pipe)
Californium -- keh-tukh
Caliper(s) -- mes-thonek
Call (v.) -- vutau
Call (out) to -- shoret
Called, to be (communication) -- puvutau
Called, to be (named) -- wimish
Callous (anat.) -- stein
Calm -- hayal
Calorescence -- ha'gel-vish-vasaya
Calorific value -- falek'es-saprah-tala
Calyx (botany) -- svai-mortra
Cam -- ok
Camber -- aberala-tchakat (aero.); abru-tchakat (eng., mech.)
Cambium (botany) -- to'ovau-tin t'lap-vukhut
Cambium (med.) -- tvi-tin t'hinik-nalatra-wein
Campanulate -- kus-vakh-shidik
Camshaft -- ok-fek
Camera -- glayek
Camouflage -- pasut, pasutau
Campaniform -- ub-shidik
Campanile -- kus-vakh-kispek
Campanulate -- kus-vakh-shidik
Can (container) -- mokhleq
Can (v.) -- kup
Canal -- mev (botany); masu-yut (waterway)
Canard -- fa-rala
Cancer -- rasahtra
Candle(stick) -- ha'fek
Canker (sore) -- wuk
Cannibalism -- sha'ves-yokulan
Cannon -- thorshun (old contraction of "thorsh-wun")
Canopy -- krein (aero.); lap-wein-tin (botany); tevan-sai-vukhut
Cantilever -- wuh-nodol-zeh
Cantilever bridge -- wuh-nodol-zehik mesut
Canyon -- spathel
Cap (hat) -- taik
Capacitance -- tsor'es
Capacitor -- tsorek
Capacity -- tsot
Capillary -- pi'khaf-mev
Captain (n.) -- ot-lan (army/marines); khart-lan (naval/Starfleet)
Capture -- kum, kum-tor
Caravan -- nik'el (anc.)
Carbon -- nol-tukh
Carbon cycle -- ha-da-nel t'nol-tukh
Carbon dioxide -- dah-eshu t'nol-tukh
Carbon disulfide -- dah-vlau'u t'nol-tukh
Carbon fixation -- nol-tukh-nodolaya
Carbon monoxide -- eshu t'nol-tukh
Carbon star -- nol-tukh-yel
Carbon steel -- nol-tukh-pishek
Carbon tetrachloride -- keh-lafu t'nol-tukh
Carbon value -- nol-tukh-tala
Carbonaceous -- nol-tukh-tuhlauk
Carbonic acid -- sash t'masu-reh-eshu
Carbuncle -- pi'taktra
Carburetor -- hal-sov-mishek
Carcinogen -- rasahtra-torek
Carcinoma -- wein-nala-rasahtra
Card (n.) -- nop
Cardassian -- Kardassu
Cardiac arrest -- khaf-spol-pehkaya
Cardiac muscle -- khaf-spol-dvunek
Cardioblast -- tveshu-nala t'khaf-spol svi'ten-kan-bu
Cardiology -- khaf-spol-tal
Cardiomyalacia -- ritsuri-kobatau-nosh t'khaf-spol-dvunek
Cardiomyopathy -- has t'khaf-spol-dvunek
Cardiovascular system -- khaf-ifis-torektra
Carditis -- khaf-spol-yonshaya
Care -- tun, tun-tor
Care for (like) -- tishau
Care for (tend) -- palutunau
Careful -- tun-bosh
Cargo -- tusla
Cargo bay -- tusla-sutauk
Cargo hold -- tusla-tsarau-shal
Cargo module -- tusla-natel
Cargo pod -- tusla-tvi'haf
Cargo storage complex -- tusla-tsarau-keltra
Cargo transporter -- tusla-ifisek
Cargo unit -- tusla-kebi
Carmine (red color) -- kran-kur
Carnelian -- pelkev
Carnivore -- kahm-yokulsu
Carnophobia -- kahm-pthak
Carotene -- kas-zhar-kurek
Carotid artery -- uzh-khaf-mev t'talu
Carpal -- kar-nik-hinek
Carpel -- kas-ko-kkus
Carpus -- kar-nik
Carrier -- leshek
Carrier filter -- lesh-kapol
Carrier wave -- lesh-pral
Carry -- lesh
Carry out (to do) -- fitor
Cart (n.) -- hal (anc.)
Cartilage -- rhinek
Cartilaginification -- rhinekaya
Cartography -- besan-tanaf
Cartridge -- svekh
Carve -- skrim-tor
Carving (n.) -- skrim
Caryopsis -- yartik-savas
Cascade -- ash-yumau, ash-yumaya
Case (event) -- nuf
Casein -- thas-tesihk
Caseous -- thuhk-kakh
Casket -- natuhn (box); tevikeh-natuinh (coffin)
Cast (v.) -- vishizhau (manufacturing); lehm-tor (throw)
Cast iron -- vishizh-shek(-tukh)
Cast out (v.) -- dakh (anc.)
Cast steel -- vishizh-pishek(-tukh)
Cast stone -- vishizh-kov
Catabiosis -- tsuri nala-shakhuvaya
Catabolism -- tepul-torek
Cataudromous -- yolmatrupik
Catalyst -- torai-tukh
Cataphyll -- neik-rimor
Cataplexy -- zherka-kobatau-nashiv
Catapult (n.) -- sashizhek
Cataract (med.) -- bezhun-ripa'shaya
Catarrh -- tvi-votaya t'prash-nala-tin
Catch (v.) -- kum, kum-tor
Catheter -- smashau-mev
Cathode -- u'rak-narafek
Cathode-ray tube -- u'gal-zehl-mev
Cation -- a'rak-falun-krus
Catoptrophobia -- haulat-pthak
Cattle -- kahtel (Vulcanized Terran word)
Catwalk -- mesah
Caudal fin -- harr-ralek
Caudate -- harr-ma-, harr-mayik
Cauldron, Caldron -- fas-matuhlek
Caulescent -- kas-fek-mayik
Caulk -- mafen, mafen-tor
Cause -- aisha, aishan
Caustic (n.) -- yontau-meil
Caution -- yuzhat, yuzh-tor
Cave -- tauk
Cavern -- suk'tauk
Cavity -- pi'tauk (body); zud-razh (tooth)
Cay -- neik-vikuvtra
Ceiling -- abru-tol
Cell (biology) -- nala
Cell culture -- nala-litra
Cell cycle -- nala-da-nel
Cell differentiation -- nala-natyantek
Cell division -- nala-dahshaya
Cell fusion -- nala-kaunshaya
Cell growth -- nala-to'ovaya
Cell membrane -- nala-wein
Cell wall -- nala-temok
Cellular -- naltik
Cellulitis -- nalatra-yonshaya
Cellulose -- nen-kas-tukh
Cement (n.) -- kluterek
Center -- svitan
Center of action -- torai-svitan
Center of buoyancy -- abmarkan’es-svitan
Center of gravity -- ne-seshan-svitan
Center of mass -- shivak-svitan
Center of pressure -- ne'hish-svitan
Center of symmetry -- talikal-svitan
Central force -- svitan-nekwitaya
Central nervous system -- nen-wel-torektra
Central processing unit (CPU) -- svitan-patorau-kebi (t’tum-vel)
Centrifugal brake -- sadan-vohrayek
Centrifugal casting -- sadan-vishizhaun
Centrifugal clutch -- sadan-runemek
Centrifugal fan -- sadan-sovek
Centrifugal force -- sadan-nekwitaya
Centrifugal pump -- sadan-spol
Centrifuge (n.) -- (sadan-)dahshayek
Centripetal force -- vidan-nekwitaya
Centromere -- toltra-tersau-vel
Cephalgia -- patam-kusut
Ceramic -- kriz-, krzik
Cerebellum -- dvunek-tash-svitan
Cerebral abscess -- shad-pi’tak
Cerebral blood flow -- shad-khaf-yumaya
Cerebral cortex -- si-tin t'nahp-tash-svitan
Cerebral hemorrhage -- shad-khafaya
Cerebral tumor -- shad-gnal
Cerebrum -- nahp-tash-svitan
Ceremony -- van-kal (anc.)
Cerium -- pran-tukh
Certificate -- to-kisev
Cerulean (sky blue) -- igen-kur
Cervical vertebra -- talu-hinek
Cervix -- sudef-talu
Cesium, Caesium -- zhaimasu-tukh
Chaelophobia -- isachya-ptyak
Chain (made of links) -- naf-elakh (TGV), nafiakh (MGV)
Chain (series) -- weizohl
Chain block -- naflekh-abela-vihpan
Chain conveyor -- naflekh-zheleshek
Chain locker -- naflekh-tvi-shal
Chain pump -- naflekh-spol
Chain reaction -- weizohl-folaya
Chain wheel -- naflekh-halek
Chair -- ku-san (anc.)
Chalk -- gav
Chalk line -- gav-zech
Challenge -- kali-fi, kali-tor
Chamber -- tvi-shal
Champion -- skilamu (anc.)
Change -- rubah, rubai
Changed, to be -- purubai
Channel (n.) -- glantokau-yut (telecomm.); faik-yut (computer); mashyu (water)
Chaos -- nezhak
Char (v.) -- yonol-tor
Characteristic (n.) -- noshtria
Charcoal (n.) -- yonol-tukh
Charge (n., elect.) -- falun
Charge (v.) -- vilalunau
Charger (device) -- vilalunek
Charging circuit -- vilalun-raf-kuv
Charging current -- vilalun-katrom
Charging voltage -- vilalun-toruk'es
Chart -- besan; besau
Chartreuse -- tehk-kur
Cheat (v.) -- kravau
Check (v.) -- rihamau
Check digit -- rihamau-un
Check valve -- pla-yumau-spunek
Cheek -- nak
Cheese -- thuuk
Chef -- opilsu
Cheilitis -- bru-yonshaya
Chemical -- meil(-tukh)
Chemical balance -- meil-vo'ehtaya
Chemical bond -- meil-tel
Chemical compound -- meilkatra
Chemical energy -- meil-tepul
Chemical equation -- meil-vo'ihn
Chemical reaction -- meil-fo-lya
Chemiluminescence -- meil-dakh-ha'tanaya
Chemistry (study) -- meil-tal
Chernozem -- nesh-selek
Chert -- kohv-mazhiv-kov
Chest (anat.) -- tuf
Chew (v.) -- nal-tor
Chief petty officer -- feihan
Chilblain -- samek-yontaya
Child -- kan
Childbirth -- kan-keshtan
Childhood -- kan-wak
Children -- kanu (TGV), kanlar (MGV)
Chiller (device) -- samuyek
Chime (n.) -- kusek
Chimney -- vuzh-mev
Chine -- vukh-nihk
Chinook (wind) -- lamekh-suk'kunel-salan
Chip (n.) -- val
Chiralgia -- el'ru-kusut
Chitin -- yol
Chlorinate -- lafitau
Chlorination -- lafitaya
Chlorine -- laf-tukh
Chlorophyll -- kas-yar-kurek
Choice -- dvel
Choke (v.) -- kluhka
Chondroma -- rhinek-gnal
Chondromalacia -- rhinek-mosaya
Chondrosarcoma -- rhinek-rasahtra
Choose -- dvel-tor
Chosen, to be -- padvel-tor
Chromatic circle -- kur-da-kuv
Chromatid -- toltra-kan
Chromatin -- toltra-tukh
Chromic acid -- sash t'slau-keh-eshu
Chrominance -- kur-thon'es
Chromium -- slau-tukh
Chromodynamic light -- kur-toranu-ha'gel
Chromoelectric force field -- fosh-vunai t'kur-raf-tepul
Chromosome -- toltra
Chromosome mapping -- toltra-besaun
Chromosome set -- toltra-eku
Chromosome sorting -- toltra-wihfelaun
Chroniton -- wak'gal
Chroniton beam -- wak'gal-zehl(ek)
Chronometer -- wak-vel
Chronophobia -- wak-pthak
Chyle -- thel'a-yak(-masu)
Chyluria -- ritsuri-nosh t'thel'a-yak svi'vazh
Chyme -- ule-f-kaun-yemtra
Cicatrix -- ulidar
Cilium -- nala-isach
Cinder cone -- vitush-kunel
Cinnabar -- masumok-tukh-van, vlau'u t'masumok-tukh
Circadian rhythm -- gad-da-nelik tvi-farr-dath
Circinate (botany) -- pakuvauk
Circle (n.) -- da-kuv
Circuit -- raf-kuv
Circuit breaker -- raf-kuv-shayek
Circuit diagram -- raf-kuv-ufesan
Circuit relay -- raf-kuv-gol'dvunek
Circuitry -- raf-kuvtra
Circular -- raf-kuv-, raf-kuvik
Circular measure -- raf-kuv-thon
Circular polarization -- raf-kuv-narakaya
Circular saw -- raf-kuv-zuneshek
Circular velocity -- raf-kuv-threshan
Circulate -- da-kuvau
Circulating current -- da-kuvau-katrom
Circulating pump -- da-kuvau-spol
Circulation -- da-kuvaya
Circulator -- da-kuvayek
Circulatory system -- da-kuvau-torektra
Circumference -- pa-thon t'da-kuv
Circumnutation -- kulan-to'ovaya
Cirque (geol.) -- ku-li-razh
Cirrocumulus (cloud) -- tra-tcha-wan
Cirrostratus (cloud) -- tin-tcha-wan
Cirrus (cloud) -- tcha-wan
Citric acid -- savas-sash
City -- kahr
Civilization -- sutenivaya
Clamp (n.) -- stek
Clan -- maat
Clarifier (device) -- pa'shayek
Clarify (explain) -- starpa'shau
Class (n.) -- mohrn
Classification -- mohrnaya
Classify -- mohrnau
Claustrophobia -- ikap-shal-pthak
Clavicle -- dol-hinek
Claw (n.) -- spahk
Clay -- krizhiv
Clean (v.) -- pu-tor
Clear (transparent) -- pa'shi-, pa'shik
Clear (v.) -- pa'shau
Clear air turbulence -- pa'shi-sov-wauk
Cleave (v., split) -- thres-tor
Cleaver -- threshek
Cleft -- thresh
Cliché -- psteran
Cliff -- menal
Climate -- ek'nosh
Climate control -- ek'nosh-tash
Climatic change -- ek'nosh-rubah
Climatic trend -- ek'nosh-venek
Climatic zone -- ek'nosh-shal
Climatology -- ek'nosh-tal
Climb (v.) -- man-tor
Clinic -- pi'shi'has
Clinometer -- (el'ru-)vul-thonek
Clinophobia -- sar-tak-phant
Clitoridectomy -- ko-lok-snem
Clitoris -- ko-lok
Cloaca (zoology) -- ek'shaht-razh
Cloak (clothing) -- to-sai
Clock -- wak-vel
Clod -- (solek-)vihk
Clone (v.) -- tolasau
Close (adj.) -- beyi-, beyik
Close (v.) -- ikap-tor
Closed (adj.) -- ikap-, ikapik
Closed canopy (botany) -- ikap-lap-wein
Closed circuit (n.) -- ikap-raf-kuv
Closed interval -- ikap-tvi-eku
Closed loop (n.) -- ikap-paku
Closed set -- ikap-eku
Closed subroutine -- ikap-ne-faihartek
Clot (n.) -- vihk
Cloth -- sai
Clothes, Clothing -- sai-vel
Cloud (n.) -- wan
Cloud bank -- wan-tran
Cloud chamber -- wan-pi'shal
Cloud cover -- wan-wein
Cloudiness -- wan-sate'h'es
Club (n.) -- muhd (anc.)
Clutch (mech.) -- dan-runemek
Clutter (n.) -- pa-guhsh
Cnidoblast -- ten-rakus-nala
Coagulant -- vihk-tukh
Coagulum -- vihk
Coal -- kastik-kov
Coalesce -- tero'avau
Coarse -- dir-, dirik
Coast (n.) -- gef
Coat (clothing) -- to-pal (anc.)
Coating -- fi-wein
Coaxial antenna -- dah-da-sfekik kash-ral
Coaxial cable (coax) -- elakh t'dah-da-sfek (EDDS)
Coaxial filter -- dah-da-sfekik kapol
Coaxial relay -- dah-da-sfekik gol'dvunek
Cobalt -- pla-tukh
Cobalt chloride -- dah-lafu t'pla-tukh
Coccolith -- guv-smol-mathra
Coccus -- dukal-talvot
Coccygeal vertebra -- harr-hinek
Coccyx -- harr-hinektra, tvi-harr
Cochlea -- tvi-kaluk-paku
Cockpit -- hashsu-shal
Cocoon (n.) -- rada-wein
Code (n.) -- kiht
Coding capacity -- kihtau-tsoh
Coding sequence -- kihtau-zehlanaya
Coefficient -- kakratulek
Coeliac -- feshek-, feshekik
Coelom -- wuhr-vukhut-pi'tauk
Coenzyme -- dah-zalu
Coevolution -- ter-wakrubaya
Cofactor -- ter-krai
Coffin -- tevikeh-natuhn
Cog -- halek-zud
Coherent (adj.) -- thak-, thakiki
Coherent neutrino beam -- thak-ska'gal-zehlek
Coherent pulse -- thak-sagaya
Cohesion -- terepaya
Coil (n.) -- paku
Coil spanner -- paku-mish-raul
Coin (n.) -- buhn (anc.)
Cold (adj.) -- samek(-)
Cold front -- samek-praduk
Colitis -- pekh-mev-yonshaya
Collagen -- rinalau slah-ketek
Collapse -- neshau, neshaya
Collate -- krus-zeaku
Colleague -- kazuhsu
Collect -- tershau
Collection -- tershaya
Collector -- tershausu
Collide -- terkwul-tor
Collider (device) -- terkwulek
Collision -- terkwul
Collision bulkhead -- terkwul-tvi-temok
Colon -- pekh-mev
Colonel -- shal-lan
Colony -- sashila
Color -- kur, kur-tor
Color analyzer -- kur-nisayek
Color balance -- kur-vo'ektaya
Color blindness -- kur-glan-fam
Color correction -- kur-yehtan
Color filter -- kur-kapol
Color picture -- kur-bikuv
Color separation -- kur-dahshaya
Color temperature -- kur-falek'es
Color vision -- kur-glan
Colorimeter -- kur-thonek
Colorimetry -- kur-thon
Colostomy -- pekh-mev-sharutaya
Colpitis -- keshtan-ur-yonshaya
Colpocele -- keshtan-ur-faka
Colpoptosis -- keshtan-ur-set
Colposcope -- keshtan-urik zan-vel
Colpospasm -- keshtan-ur-runev
Column (structural) -- tsek
Coma -- ritevakh (med.); zehl-yel-tam (head of a comet)
Comb -- (isachya-)dref, dref-tor
Combat (n.) -- morov (anc.)
Combination -- terish
Combine (v.) -- terish-tor
Combined, to be -- puterish-tor
Combust -- yontau
Combustion -- yontaya
Combustion chamber -- yontau-tvi-shal
Come -- sarlah
Come out (v.) -- sasarlah
Comet -- zehl-yel
Command (v.) -- khartau
Command processor -- khartau-patorayek
Commander (naval/Starfleet) -- zhel-lan
Commence -- palikau
Commencement -- palikaya
Comment -- tuhskau, tuhskaya
Commission -- kadvin, kadvin-tor
Commissioned, to be -- pukadvin-tor
Commit -- kugau
Commitment -- kugaya
Commodore -- travek-lan
Common -- tsuri(-)
Communicate -- sviribau
Communication -- sviribaya
Communications laser -- sviribau-ha'zehlek
Communications relay -- sviribau-gol'dvunek
Communicator -- sviribayek
Community -- shila (town); ha-travek (biology)
Compact (v.) -- lerakhovau
Compactor -- lerakhovau-vel
Companion -- besu
Companionship -- besu'es
Compass (n.) -- seshan-kharat-thonek
Compassion -- utan'es
Compensate -- torabrau
Compensator -- torabrayek
Compete -- kuhlau
Competition -- kuhlaya
Competitive exclusion -- kuhlau-sanan
Compile -- travilau
Compiler (device) -- travilayek
Complete (adj.) -- ovsoi(-), ovsoi
Complete (v.) -- ovsoi (anc.)
Complex (adj.) -- wehkon-, wehkonik
Composite -- tertin; tertiau
Compositor -- tertiayek
Compound (chem.) -- meilaktra
Compress (v.) -- lerakhovau
Compressed air -- lerakh-sov
Compression -- lerakh'es
Compressor -- lerakovayek
Compulsion -- riyeht-aiilun
Computer -- tum-vel
Computer bank -- tum-vel-kutra
Computer bay -- tum-vel-sutauk
Computer core -- tum-vel-tviyan
Computer display -- tum-vel-gluyayek
Computer interface -- tum-vel-tvihanek
Computer memory -- tum-vel-vokaya
Computer science -- tum-vel-ek'tal
Concave -- vi-tauk-, vi-taukik
Conceal -- ip-sut (anc.)
Concolorate (zoology) -- ka-kur-vlaik
Concrecence -- vinokaya
Concrete (material) -- nok
Concussion (med.) -- kwul-kolaya
Condensation -- sasov-saya (process); sasov-masu (liquid)
Condensation nucleus -- svitan-vel t'sasov-saya
Condenser (chem.) -- sasov-mashayek
Condition(s) -- nosh
Conduct (v.) -- spa-tor
Conduction -- span
Conductive -- spa-, spayik
Conductivity -- spa'es
Conductor (elect.) -- spayek
Cone -- thav (botany); ikun (geom. shape)
Confidence -- guhl'es
Configuration -- pazekaya
Configure -- pazekau
Confirm -- wugau
Confirmation -- wugaya
Confluence -- teret-yumaya
Confront -- nagau
Confrontation -- nagaya
Conglomerate (geol.) -- teret-kov
Conic section -- ikun-fna-krus
Conifer -- thav-lap
Connect -- tersau
Connecting dorsal -- tersau-ralek
Connection -- tersaya
Connective tissue -- tersau-nalatra
Connectivity -- tersa'es
Connect -- tersayek
Consanguinity -- teret-zulan'es
Consciousness -- hokni'es
Conservation -- korsaya
Conserve -- korsau
Consider -- panah-tor
Consistency -- tsurkan'es
Consistent -- tsurkan-, tsurkanik
Consolidate -- lerasha
Consolidation -- leraskan
Constant -- ek'ka-, ek'kayik (adj.), ek'kat (n.)
Constellation -- yel-nel-dath
Construct -- torvau
Construction -- torvaya
 Constructive -- torvau-, torvauk
Consummate (v.) -- plathau
Contain -- tuhlau
Container -- tuhleek
Containment field -- tuhlau-vunai
Containment system -- tuhlau-torektra
Contaminate -- rislau
Contamination -- rislaya
Contents -- tuhlizar
Continent -- ek'kovtra
Continental climate -- ek'kovtra-ek'nosh
Continental drift -- ek'kovtra-dvun
Continental plate -- ek'kovtra-math
Continental shelf -- sagefik ek'kovtra-sadvun-nef
Continental slope -- gosh-nefik ek'kovtra-sadvun-vul
Continue -- futor
Continuity -- tantal'is
Continuum -- ek'eku
Control -- tash, tash-tor
Control board -- tash-dohn
Control circuit -- tash-ruf-kuv
Control column -- tash-el'rek
Control console -- tashal (old contraction of "tash-shal")
Control current -- tash-katrom
Control panel -- tash-math
Control pedestal -- tash-nelka
Control rod -- (folayek-)tash-fek
Control voltage -- tash-toruk'es
Controlled, to be -- putash-tor
Controller -- tashek (device); tashsu (person)
Contusion -- wadi-yarek
Convection -- da-kuv-falek'es
Converge -- teretau
Convergence -- teretaya
Convergent evolution -- teretau-wakrubaya
Convergent lens -- teretau-gelek
Convergent thinking -- teretau-nahan
Conversion -- rushan
Conversion factor -- rushan-kla
Conversion gain -- rushan-nazh
Conversion loss -- rushan-pak
Conversion ratio -- rushan-tatv
Convert (n.) -- rushansu
Convert (v.) -- rushan-tor
Converter -- rushanek
Convex -- satauk-, sataukik
Convey -- zhelesh
Conveyor -- zheleshek
Convoy -- nik'eI (anc.)
Convulsion (med.) -- mahai
Cook -- fassu; fas-tor
Cooked, to be -- pufas-tor
Cool (adj.) -- samu(-)
Cool (v.) -- samuyau
Coolant -- samuyau-tukh
Cooler (n.) -- samuyek
Cooperate -- terkadau
Cooperation -- terkadaya
Coordinate (n.) -- shi-kethel
Coping saw -- tsa-zuneshek
Copper -- khaf-tukh
Copper ore -- yar-tukh, eshu t'dah-khaf-tukh
Copper sulfate -- vlu-a-keh-eshu t'khaf-tukh
Coprophobia -- pekh-pthak
Copse -- pil'aptra
Copy -- va'asau, va'asaya
Cord -- elakh
Cordate -- khaf-spol-shidik
Corditis -- elakh-yonshaya
Core (n.) -- tviyan
Core sample -- tviyan-li-fal
Cornea -- bezhun-wadi
Corneous -- stonn-lef'es-kahk
Corner (n.) -- teruk
Corolla -- kur-mortra
Corona (astron., meteor.) -- pau
Coronary artery -- uzh-khaf-mev t'khaf-spol
Coronary bypass -- khaf-spol-pamutaya
Coronary circulation -- da-kuvaya t'khaf-spol-dvunek
Coronary occlusion -- khaf-spol-klotaya
Coronary thrombosis -- vihk-klo'taya t'khaf-spol
Corporal (rank) -- neksu
Corpse -- tevikeh (old contraction of "tevik-veh")
Corpuscle -- el-nala
Correct -- yeht, yeht-tor
Correction -- yehtan
Corridor -- tvar
Corrie (geol.) -- ku-li-razh
Corrode -- melokul
Corrosion -- melokulan
Cortex -- si-wein
Corundum -- yon-khush
Cosecant -- vath-sfek-aus
Cosine -- vath-tavat-zes
Cosmic dust -- stukh-grazhiv
Cosmic rays -- stukh-ha'zehllar
Cosmology -- stukhtra-tal
Cosmos -- stukhtra
Cotangent -- vath-sfek-vel
Cotyledon -- wuhr-nei-mor
Cough -- huhs, huhs-tor
Could -- kupi-
Council -- shikh-orna
Count (v.) -- tum-tor
Counter (device) -- tumek
Countermeasures -- tehnokatlar
Country (nation) -- shasol (anc.)
Couple (n.) -- shif
Coupler -- teretek
Coupling -- tersayek
Courier -- skladasu
Course -- rivak
Course correction -- rivak-yehtan
Course programming panel -- rivak-tumau-math
Courteous -- nuhk
Courtesy -- nuhk'es
Cove -- pi'tchol
Cover -- wein, wein-tor
Cover glass -- wein-makh
Cover paper -- wein-dun
Cover slip -- numakh-wein
Cowl -- weinat
Crack -- treshau, treshaya
Craft (vehicle) -- hali
Cramp -- runelau, runelaya
Crane (n.) -- aberayek
Crane barge -- aberayek-(masu-)hali
Crane magnet -- seshan-vel-aberayek
Crane motor -- aberayek-mishu
Cranial nerve -- patam-wel
Cranium -- patam-hinektra
Crank (n.) -- el'dayek (hand); dvudayek (mech.)
Crankcase -- dvudau-natuhn
Crankshaft -- dvudau-fek
Crash -- tevul, tevulau; tevul-tor
Crash test -- tevul-nisan
Crater -- kwul-razh (impact); zul-razh (volcano); thorsh-razh
Crawl (v.) -- ukrau
Create -- fereik-tor
Creation -- fereikan
Creative -- fereik
Creativity -- fereik'es
Creator -- fereiksu
Creator, The (God) -- Ofereiksu
Crepuscular -- torupik du'neik-ha'gel-wak
Crest -- dan-pid-sfek (geol.); sazasfek
Crevasse -- glu-treshaya
Crevice -- treshaya
Crew (n.) -- (hali-)sutra
Crewman (rank) -- nensu
Crimp -- hesvulau, hesvulaya
Crimson -- hirat-kur
Crisis -- burun
Crisscross (n.) -- tuhs-tuhs
Cristate -- sazasfek-mayik
Critical -- burun-, burunik (in a crisis); bol-, bolik (vital)
Critical angle -- bol-vul
Critical frequency -- bol-vakav'es
Critical humidity -- bol-sov-masu'es
Critical mass -- bol-shivak
Critical pressure -- bol-ne'hish
Critical rate -- bol-tav
Critical size -- bol-suk'es
Critical speed -- bol-threshan
Critical temperature -- bol-falek'es
Critical voltage -- bol-toruk'es
Critical volume -- bol-mog'es
Crop(s) -- urozh (anc.)
Cross -- tuhs, tuhsau; mes-tor
Cross fire -- tuhs-pohshaun
Cross hair -- tuhs-isach
Cross section -- fna-krus
Cross-breeding -- rish-kosh-vesaya
Cross-country (adj.) -- mes-solektra-, mes-solektraik
Cross-cultural -- mes-iyula-, mes-iyulaik
Cross-examination -- tuhs-linisaya
Cross-examine -- tuhs-linisau
Cross-eyed -- tuhs-bezhun-, tuhs-bezhunik
Cross-fertilization -- rish-vikantaya
Cross-index (v.) -- mes-nakh-tor
Cross-legged (adj.) -- tuhs-mal-, tuhs-malik
Cross-national -- mes-shasol-, mes-shasolik
Cross-pollinate -- rish-kas-vikantau
Cross-pollination -- rish-kas-vikantaya
Cross-reference (n.) -- tuhs-dzhinaya
Crossable -- mes-yehat
Crossbar -- tuhs-mofek
Crossbow -- dvudau-kes-wun
Crossbreed (n.) -- rish-ha-vel
Crosscurrent -- mes-katrom
Crosscut saw -- tuhs-nesh-zuneshek
Crossing -- mes (place where crossed); mesan (act of crossing)
Crossover (n.) -- abru-mes
Crossroad -- tuhs-yut
Crosstown (adj.) -- mes-kahr-, mes-kahrik
Crosswalk -- su-mes
Croup (med.) -- kan-huhsh
Crowbar -- ihv-mofek
Cruciate -- tuhs-shidik
Crucible -- klim-yerak
Crucible furnace -- klim-yerak-fasek
Crucible tongs -- klim-yerak-el'abashayek
Cruciform -- tuhs-shidik
Cruise control -- shati-threshan-tashek
Cruise missile -- besan-yon-kliton
Crumble (v.) -- snaipau
Crush (v.) -- plesh-tor
Crust (n.) -- puhnkr (bread, etc.); si-kov-shal (geol.)
Cry -- maf, maf-tor
Cryogenic (adj.) -- samu-tor-, samu-torik
Cryogenic fluid -- samu-tor-masu
Cryogenics -- samu-tukh-tal
Cryometer -- samu-thonek
Cryophilic -- samek-ashauk
Cryophobia -- samu-phalt
Cryosphere -- le-suma-ek'shal
Cryostat -- samu-dvelek
Crypt -- brag
Cryptozoic -- ip-hatik
Cryptozoology -- tal t'ip-ha-vellar
Cryptozoon -- ip-ha-vel
Crystal -- khush
Crystalline -- khushik
Crystallization -- khushaya
Crystallize -- khushau
Crystallography -- khush-ek'tal
Cubbyhole (n.) -- sha'ti (anc.)
Cube (n.) -- sheh-muk (shape); rehs'us (number)
Cube (v.) -- rehsau
Cube root -- rehs'us-gir
Culm -- lesek-pif'fek
Cultivate -- sokasitau
Cultivation -- sokasitaya
Cultivator (equip.) -- sokasitayek
Culture (n.) -- lyula (beliefs & customs, etc.); sokulm (biology)
Culvert -- smash-yut
Cumulative (adj.) -- tabruk-, tabrukik
Cumulonimbus (cloud) -- tra-masu-wan
Cumulus (cloud) -- tra-wan
Cuneate -- shivek-shidik
Cuneiform -- shivek-shidik (adj.); shivek-kitaun (writing)
Cup -- monek
Cupboard -- tsorayek
Cupola -- relk
Curb (n.) -- yut-del
Cuprite (a copper ore) -- eshu t'dah-khaf-tukh
Cupulate -- monek-shidik
Cupule -- monek-vel
Curable -- bohrau-yehat
Curative (n.) -- bohrau-tukh
Cure -- bohrau, bohraya
Curettage -- has-theshaya
Curet, Curette (n.) -- has-theshayek
Curium -- dah-tukh
Curl (n.) -- tcha
Currency (money) -- donku
Current -- katrom (elect., hydro.); masutra-pilash (ocean.)
Curtail -- pen-tor
Curtain (n.) -- skahan (pl. skahanu)
Curvature -- tchakat
Curve (n.) -- tsa
Curvilinear -- tsa-zehl-, tsa-zehlik
Cusp -- sfek
Cuspidate -- sfek-mayik
Custody -- to-tashan
Custom (n.) -- oyut
Custom-built (adj.) -- wuhin-torvalik
Custom-made (adj.) -- wuhin-tortik
Customary -- oyut-, oyutik
Customer -- klepovausu
Cut -- nesh, nesh-tor
Cutaneous -- wadi-, wadiyik
Cute -- petakov (anc.)
Cuticle (nail) -- felu-nen-wadi
Cutter (device) -- neshkek
Cyan (color) -- hish-pla-kur
Cyanic acid -- nol-sov-sash
Cyanide -- nol-sovu
Cyanobacterium -- pla-yar-talvot
Cyanogen -- nol-sov-tukh
Cyanosis -- (ritsuri) pla-wadi-nosh
Cyanotic -- pla-wadi-noshik
Cyberneticist -- kritash-ek'talsu
Cybernetics -- kritash-ek'tal
Cyborg -- kritashsu
Cycle (n.) -- da-nel
Cyclic (adj.) -- da-nel-, da-nelik
Cyclist -- haleksu
Cyclometer -- halek-dan-thonek
Cyclone -- suk'sov-dan
Cylinder -- tu'mev
Cylindrical -- tu'mev-shidik
Cyma -- oluhk-tpa
Cymbal -- bling
Cymophobia -- pral-pthak
Cynic -- linsu
Cynical -- lin-, linik
Cynicism -- lin'es
Cynopodus -- si-sparh-ash'yaik
Cyst -- shaf
Cystic -- shaf-, shafik
Cystitis -- vazh-shal-yonshaya
Cystoscope -- vazhaf-zan-vel
Cystostomy -- vazhaf-tu'ashan
Cystotomy -- vazhaf-neshan
Cytochemistry -- nala-meil-tal
Cytogenetics -- nala-tol-tal
Cytology -- nala-tal
Cytophilic -- nala-ashauk
Cytoplasm -- (nen-)naia-tukh
Cytoskeleton -- nala-nenikaya
Cytostatic -- nala-pehkauk
Cytotechnologist -- nala-shasutansu
Cytotechnology -- nala-shasutananan
Cytotoxic -- nala-hasamik
Cytotoxin -- nala-hasam

Dacryo-adenitis -- yonshaya t’bezhun-masu-pi’nafek
Dacryocystitis -- yonshaya t’bezhun-masu-sa’haf
Dacryorrhea -- ritsuri-pid-yumaya t’bezhun-masu
Dacryopyysis -- ritsuri-nosh t’kuhka svi’bezhun-wadi-torektra
Dactyl -- uk
Dactyledema -- ritsuri ozh-masu-hoknaya
Dactylitis -- uk-yonshaya
Dactylology -- ozh-sviribau-tanaf
Dactylomegaly -- ritsuri-suk-nosh t’uklar
Daffy -- duh-, duhik
Dagger -- lipitah
Daily -- kanok-gadik
Dais -- skaf
Damage -- zakar, zakar-tor
Damage control -- zakar-tash
Damp(en) (v.) -- fish-tor
Dampener -- fishek
Dampening field -- fish-vunai
Damper (device) -- fishek
Damping -- fishan
Dance -- tam, tam-tor
Dancer -- tamsu
Dandruff -- (patam-)wadi-grazhiv
Danger -- tehvar
Dangerous -- tehvar-bosh
Dark -- mu’gel-, mu’gelik
Dark adaptation -- mu’gel-rubilaya
Dark blue -- spo-kur
Dark gray -- ras-kur
Dark green -- mu’yar-kur
Dark matter -- mu’gel-tukh
Dark nebula -- mu’gel-stukh-wan
Dark reaction -- mu’gel-folaya
Darken -- mu’glau
Darkness -- mu’gel’es
Darling (adj.) -- ashal-, ashalik (beloved); petakov(-) (cute)
Darling (person) -- ashal-veh
Dart (n.) -- kli
Dash(board) -- glutash-dohn
Dashpot -- fish-vel
Data -- faik
Data crystal -- faik-khush
Data input access panel -- thro-wein t’faik-svin
Data interface -- faik-tvihanek
Data network -- faik-vistra
Data node -- faik-kal
Data processing -- faik-patoraun
Data processor -- faik-patorayek
Data retrieval -- faik-zaprahn
Data storage -- faik-tsoraya
Data storage device -- faik-tsorau-vel
Database -- faiktra
Database management -- faiktra-khartaya
Date (n.) -- kinuf (anc.)
Daughter -- ko-fu
Daughter cell -- kan-nala
Daughter nucleus -- kan-nala-svitan
Davit -- vla-aberayek
Dawn (n.) -- gad-keshtan
Day -- gad
Daybreak -- gad-keshtan
Daydream -- rirun, rirun-tor
Daylight (n.) -- gad-ha'gel
Daymare -- gad-eshu'a
Daytime (adj.) -- gad-wak-, gad-wakik
Dead (adj.) -- tevik
Dead, The -- Tevanu
Deadly -- teval-, tevalik
Deaf -- zhu-fam
Deaf, The -- Zhu-famu
Deafness -- zhu-fam'es
Dear (n.) -- tal-kam
Dearth -- fam
Death -- tevakh
Deathless -- tevakh-fam
Deathly -- tevakh-kahk
Debark (v.) -- skahal-tor (ship, etc.); snem-tor lap-wadi (tree)
Debility -- fam-karik'es(-nosh)
Débridement -- skek-nalatra-snem
Débris -- guhsh(-tukh)
Débris flow -- guhsh-yumaya
Debt -- sa'akh (anc.)
Decagon -- leh-vla
Decahedron -- leh-muk
Decalcification -- sahinekaya
Decant -- skamukau
Decay -- nehau, nehaya
Deceit -- teh
Deceive -- tehs-tor
Decelerate -- vohrau
Deceleration -- vohraya
Deception -- tehsat
Decide -- klopa
Decidua (med., zool.) -- po-tukh
Deciduous -- set-mor-, set-morik (botany); saset-, sasetik (med.)
Deciduous tooth -- kan-zud, saset-zud
Deciduous tree -- set-mor-lap
Decimal (adj.) -- leh-, lehik
Decimal system -- neh-leh-torektra
Decision -- klopa\text{y}a
Deck (floor) -- lan-tol
Declaration -- afsakaya
Declare -- afsakau
Decode -- sakiht-tor
Decoder (device) -- sakihtek
Decollate -- sakrus-ze\text{k}au
Decolorize -- sakura\text{u}
De\text{c}ommission -- sak\text{a}d\text{v}in-tor
Dec\text{om}pile -- satravilau
Dec\text{om}piler -- satr\text{a}\text{v}ilayek
Decompose -- ek'nehau
Decomposition -- ek'nehau
De\text{c}ortication -- kas-\text{w}e\text{i}n-snem (bot.); nafek-\text{w}e\text{i}n-snem (med.)
Decrease -- nelau, nelaya
Decrypt -- sasati\text{l}au
Decr\text{y}ption -- sasati\text{l}ay\text{a}
Decryption matrix -- sasati\text{l}au-viskulan
Ded\text{u}ct -- nenem-tor
Deduction -- nenem
Deep (adj.) -- glu(-)
Deep space -- glu-stukh
Deep space imaging system -- glaku\text{v}au-torektra t'glu-stukh
Defec\text{a}te -- pekhau
Defec\text{a}tion -- pekhaya
Defect (n.) -- lafot (anc.)
Defective -- lafot-mayik
Defend -- fosh-tor
Defense -- fosh
Deficient -- pafam(-)
Deficiency -- pafam'\text{e}s
Define -- mespra\text{h}
Definition -- mesprah\text{n}
Deflate -- sasovau
Deflation -- sasovaya
Defl\text{e}ct -- sak\text{w}itau
Deflection -- sak\text{w}itaya
Deflection angle -- sak\text{w}itau-vul
Deflection coil -- sak\text{w}itau-pakuv
Deflection yoke -- sak\text{w}itau-feretai
Deflectometer -- sak\text{w}itau-thonek
Defl\text{e}ctor -- sak\text{w}itayek
Defl\text{e}ctor array -- sak\text{w}itayek-zehlaya
Defl\text{e}ctor field generator -- sak\text{w}itayek-vunai-ferek
Defo\text{a}ming agent -- sapuhsh-tukh
Deform -- sashidau
Deformation -- sashida\text{y}a
De\text{fo}rnity -- riyeh\text{-}shid'\text{e}s
Degeneration -- teh\text{-}stor\text{a}ya
Dehisc\text{en}ce -- nei-savas-tu'ash\text{a}n
Deh\text{is}cent -- nei-savas-tu'ashik
Dehiss circuit -- sashisau-raf-kuv
Dehydrate -- nemashau
Dehydration -- nemashaya
Delay -- vohtau, vohtaya
Delete -- enem-tor
Deletion -- enem
Deliver -- tefu (anc.)
Delivery -- tefuk (anc.)
Delta (geol.) -- selk
Delta radiation -- kih-saya
Delta wing -- reh-vla-rala
Deltaic deposit -- selk-titaya
Deltoid (adj.) -- reh-vla-shidik
Deltan (person/language) -- Deltasu
Delusion -- plokh
Demand -- haishau, haishaya
Deminerlization -- sa'ek'tukhay
Demodulate -- sakihtilau
Demodulator -- sakihtlayek
Demon -- eshu'a (anc.)
Demultiplexer -- sawehkantayek
Dendriform -- lap-shidik
Dendrite (anat.) -- wel-gel
Dendrochronology -- lap-kuv-tal
Dendrophobia -- lap-pthak
Denial -- wafaya
Denominator -- ne-su'us
Dense -- ihn-, ihnik
Densitometer -- ihn-thonek
Density -- ihn'es
Dent (n.) -- tuhk
Dental caries -- zud-nehay
Dental formula -- zud-nik-tok
Dentate -- zudlar-rihik
Denticulate -- pi'zudlar-rihik
Dentine -- zud-tukh
Dentist -- zud-hassu
Dentition -- zudtra
Deny -- wafau
Deodorant -- savilau-tukh
Deodorize -- savilau
Deossification -- hinek-ek'tukh-pak
Deoxyribonucleic acid (DNA) -- sash t'dah-ha-svitan (SDH)
Depart -- trasha
Departure -- trahan
Departure gate -- trasha-temep
Departure time -- trasha-wak
Depend -- nerau
Dependable -- nerek
Dependent -- ner-, nerik
Dependent function -- ner-is-kek
Dependent variable -- ner-vuhnayek
Depilatory (n.) -- isachya-snem-tukh
Deplete -- neis-tor
Depletion -- neis
Depolarize -- sanarakau
Deposit -- titau, titaya
Depression (meteor.) -- neik-shal
Depressurize -- sahish-tor
Depth -- gluder
Depth finder -- gluder-thonek
Dermabrasion -- wadi-grashaya
Dermal -- wadi-, wadylik
Dermal regenerator -- wadi-vaferek
Dermatitis -- wadi-yonshaya
Dermatology -- wadi-tal
Dermatophyte -- wadi-luk
Dermis -- tvi-wadi
Derrick -- aberofek
Desalination -- sa’alemashaya
Descend -- tev-tor
Descent -- tevan
Describe -- kethelvau
Description -- kethelvaya
Desensitize -- sakashovau
Desert -- eshikh
Desertification -- eshikh-storaya
Desiccant -- psethilau-tukh
Desiccant -- psethilau
Desiccation -- psethilaya
Desiccator -- psethilayek
Designate -- bablivau
Designation -- bablivaya
Desire -- aitlun (n.); aitlu (v.)
Desk -- kitau-skaf
Desquamation -- wadi-foshuhn
Destiny -- buk
Destroy -- vashau
Destruction -- vashaya
Destructive -- vashauk
Detach -- dah-tor
Detached retina -- dahlrik glan-nalatra-tin
Detect -- patal-tor
Detection -- patalan
Detector -- patalek
Déntente -- rapahanek
Deteriorate -- sakluhkau
Deterioration -- saklukhaya
Determine -- satalau
Detonate -- thorshau
Detonator -- thorshayek
Detour -- pamutau, pamutaya
Detoxification -- nehasamaya
Detoxify -- nehasamau
Detrimental -- zakaran-, zakaranik
Detritivore -- ha-guhsh-yokulsu
Detritus -- ha-guhsh (biol.); thal-tukh (geol.)
Deuterium -- dah-masu-tukh
Develop -- storau
Developed (adj.) -- stor-, storik
Developer (device) -- storayek
Deviant (adj.) -- teker-, tekerik
Deviate -- teker (anc.)
Deviation -- tekeret
Device -- e'lish
Devote -- vaikau
Devotion -- vaikaya
Devour -- ketau
Devout -- vaikar-, vaikarik
Dew -- asal-masu
Dew point -- asal-masu-sfek
Dewdrop -- asal-masu-thek
Dewfall -- asal-masu-tevan
Diabetes -- ritsuri-nosh t'slor-dau-tukh
Diagnose -- nosh-satalau
Diagnosis -- nosh-satalaya
Diagnostics -- nosh-nisaklar
Diagonal -- mes-zehl-, mes-zehlik; (vul-)mes-zehl (math.)
Diagram (n.) -- ufasan
Dial (n.) -- mik
Diameter -- fna-thon
Diamond (mineral) -- lerash-khush
Diaphoresis -- wadashaya
Diaphoretic -- wadashau-aihaik (adj.); wadashau-tukh (n.)
Diaphragm (anat.) -- esh-dvunek
Diaphysectomy -- wu-hinek-suem
Diaphysis -- wu-hinek
Diaphysitis -- wu-hinek-yonshaya
Diarrhea -- masu-pekh(-nosh)
Diary -- gad-dunap
Diatom -- masutra-mazhuyik numo-ha-vel
Dichroic -- dah-kur-, dah-kurik
Dichromatism (med.) -- dah-kur-zhelik glan-fam'es
Dictator -- stis-fulagwu
Dictionary -- zhit-dunap
Die (v.) -- tev-tor
Dielectric (n.) -- rispayek
Diet (n.) -- yokul-montra (intake); yokul-tashan (controlled eating)
Differ -- nati (anc.)
Difference(s) -- natyan (anc.)
Different -- natya(-) (anc.)
Differential (math.) -- natilak
Differential diagnosis -- natya-nosh-satalaya
Differential calculus -- natilauk pitoh-su'su's-ek'tal
Differential equation -- natilauk-vo'ihn
Differential geometry -- natilauk-khol-munok su'su's-ek'tal
Differential operator -- natilau-el'torayek
Differentiate -- natilau
Differentiation -- natilaya
Difficult -- rihaq-, rihaqik
Difficulty -- rihaq'es
Diffuse (v.) -- sas-tor
Diffuser -- sasek
Diffusion -- sasak
Diffusivity -- sas'es
Dig (v.) -- hil-tor
Digametic -- dah-guv-nalaik
Digest (v.) -- skau-tor
Digested, to be -- puskau-tor
Digester -- skaunek
Digestible -- skau-yehat
Digestion -- skaun
Digestive gland -- skaun-pi'nafek
Digestive tract -- skaun-ek'ur
Digger (tool) -- hilek
Digit -- uk (anat.); un (math.)
Digital clock -- un-wak-vel
Digital computer -- saga-tum-vel
Digital filter -- saga-kapol
Digital recorder -- saga-hipster
Digital signal -- saga-glantokaya
Digital watch -- karik-un-wak-vel
Digitate -- sau-krusik
Digitize -- unsagau
Digraph -- dah-zun
Digress -- savariben
Digression -- savarun
Dihedral -- aberala-vul (aero.); dah-pa'ashtra-vul (math.)
Dike (n.) -- zul-mev (geol.); pamashok (levee)
Dilate -- eiksha
Dilation -- eiksharu
Dilithium -- dah-pim-tukh
Dilithium crystal -- dah-pim-khush
Dilithium mining facility -- van-kebitra t'dah-pim-tukh
Dilithium reactor -- dah-pim-folayek
Dim -- neik-ha'gel-, neik-ha'gelik (adj.); ha'gel-ne-tor (v.)
Dimension -- tinga (measurement); retuka (physics)
Dimer -- dah-ketek
Dimerous -- dah-krusik
Dimictic -- dah-da-kuvaak
Diminish -- nelau
Dimmer (switch) -- ha'gel-neyek
Din (n.) -- stiralash
Dine (v.) -- aru-yokul
Dinghy -- pi'fel-hali
Dining room -- shi'yem
Dinner -- aru-yem
Dinosaur -- fe-vesht-varik terra-vash-ukraluk
Diode -- dah-narak"fuk
 Dioecious -- natya-kasik
Dip -- spis, spis-tor
Dipeptide -- dah-skaulu
Diphase -- dah-wek-, dah-wekik
Diphthong -- dah-ralash-vel
Diphyletic -- dahl-zehl-tveshuk
Diphyodont -- dah-zud-ekuk
Diplegia -- on-shivaya
Diplococcus -- dah-dukal-talvot
Diploid (n.) -- dah-toltra-nala
Diploma -- skunap
Diplomacy -- duta'es
Diplomat -- dutar (anc.)
Diplomatic -- dutar-, dutarik
Diplomatic courier vessel -- dutar-shan-hali
Diplopia -- dah-glan
Dipsomicac -- ritash-naliveh-aitlusu
Dipsophobia -- mon-pthak
Dipterus -- dah-raha-, dah-raikaik
Direct -- khar-, kharik; kharau
Direct action -- khar-torai
Direct capacitance -- khar-tsor'es
Direct data entry -- khar-faik-svin
Direct current (DC) -- wuh-kharat-katrom
Direct injection -- khar-viposhshaya
Direct lighting -- khar-ha'gelan
Direct manipulation -- khar-el'taranaya
Direct printing -- khar-hishan
Direct sound -- khar-ralash
Direct wave -- khar-pral
Directed angle -- kharat-vulu
Direction -- kharat
Direction angle -- kharat-vulu
Direction finder -- kharat-talek
Direction switch -- kharat-dvelek
Directional (adj.) -- kharat-, kharatik
Directional antenna -- kharat-kash-ral
Directional drilling -- kharat-spitaun
Directional filter -- kharat-kapol
Directional loudspeaker -- kharat-saralashek
Directional microphone -- kharat-viralashek
Directional receiver -- kharat-poprahek
Directional relay -- kharat-gol'dvunek
Directional transmitter -- kharat-sasyek
Director -- kharausu
Directory -- khar-feim
Dirigible (n.) -- pa-sov-hali
Dirt -- kitek
Dirty -- kitork(-)
Disability -- rikup'es
Disable -- rikup-tor
Disappear -- sasaoau
Disassemle -- saferetau
Disassortative mating -- rika-ves-katelaya
Disaster -- koshvar
Disc -- mathra
Discharge -- khrasau, khrasaya
Discharger -- khrasayek
Discipline (n.) -- nahr
Disconnect (v.) -- sатersau
Disconnection -- sатersaya
Discontinuity -- rifator'ес
Discriminant -- sakathilak
Discriminate -- sakathilau
Discrimination -- sakathilaya
Discriminator -- sakathilayek
Disease -- has
Disembark -- skahal-tor
Disembodied -- savukhatu--, savukhutik
Disembowel -- sayorkunau
Disengage -- dahl-tor
Disguise -- pasut, pasutau
Disgust -- spa'ash
Dishonest -- ritrau
Disinfect -- tehν-vivotau
Disinfectant -- tehν-vivotau-tukh
Disinfection -- tehν-vivotaya
Disintegrate -- fezhilau
Disintegrator -- fezhilayek
Disk -- mathra
Disk brakes -- mathra-vohrayeklar
Disk camera -- mathra-glayek
Disk centrifuge -- mathra-sadan-dahshayek
Disk drive -- mathra-yeturek
Disk filter -- mathra-kapol
Disk pack -- mathra-tuh
Disk valve -- mathra-spunek
Dislike -- ritishau, ritishaya
Dislocation -- sashitaya
Dispense -- tan-tor
Dispenser -- tanek
Dispersal -- saganaya
Dispersal barrier -- saganau-foshek
Dispersal mechanism -- saganau-tor-vel
Disperse -- saganu
Dispersed, to be -- pusaganau
Disphenoid -- dah-shihvek-vel
Displace -- sa'dvun-tor
Displacement -- sa'dvun
Display -- gluvau, gluvaya; gluvayek
Disposable -- sashitau-yehat
Disposal -- sashitaya
Dispose -- sashitau
Disregard (v.) -- bau-tor
Disrupt -- feshel-tor
Disrupter -- feshelek
Disrupter beam -- feshelek-zehl
Disrupter induction coil -- feshelek-vimevilau-pakuv
Disruption -- feshel
Dissect -- dahli-nesh-tor
Dissection -- dahli-neshan
Dissolution -- fezhaya
Dissolve -- fezhau
Dissolved oxygen level -- fezhal-vok t'masu-esh-tukh
Dissonance -- mes-stirilaya
Distance -- ir
Distant -- irak(-)
Distill -- (masu-)kan-dahshau
Distillation -- (masu-)kan-dahshaya
Distortion -- saznek
Distract -- saglakolau
Distraction -- saglakolaya
Distress (n.) -- flakosh
Distress beacon -- flakosh-glaribek
Distress signal -- flakosh-glatokaya
Distribute -- sagan-tor
Distribution -- sagan
Distribution cable -- sagan-elakh
Distribution factor -- sagan-kla
Distributtor -- saganek
District -- kahkrus
Disturb -- ertau
Disturbance -- ertaya
Disymmetric -- dah-talikalik
Diurnal (daily, in daytime) -- gad-wak-, gad-wakik
Diurnal (active during the day) -- du-gad-, du-gadik
Diurnal intensity -- gad-wak-flan'es
Diurnal range -- gad-wak-eik'es
Diurnal variation -- gad-wak-vuhnaya
Dive -- taul, taul-tor
Diver -- tauulu
Diverge -- satau
Divergence -- risteraya (meteor.); sataya (deviate, spread, etc.)
Divergent lens -- satau-gelek
Divergent sequence -- satau-zehlanaya
Divergent series -- satau-weizehl
Division -- mutaya
Divers (adj.) -- vuhnauk
Diverse -- natya(-), rikahkwa(-)
Diversity -- vuhnaya
Divert -- mutau
Diverter -- mutayek
Divide -- dahsau, dahsaya
Divine (adj.) -- ekon-, ekonik
Diving bell -- taul-vakh
Diving board -- taul-dohn
Diving suit -- taul-saikhut
Dividend -- vi-dahsau-vel
Division -- dahsaya
Divisor -- dahsayek
Dizygotic twins -- t'dahsular s'natya-yu-murlar
Do -- tor
Dock -- kif, kifau
Docking (n.) -- kifaya
Docking latch -- kifau-kuhr
Docking light -- kifau-ha'gel
Docking port -- kifau-svep
Doctor (n., med.) -- hasso
Doctrine -- dvatai
Document -- kisev
Documentation -- kisevtra
Dodecagon -- leh-dah-vla
Dodecahedron -- leh-dah-muk
Dodge (v.) -- savlau (evade); saytau (move out of the way)
Dolichocephalic -- wu-patam-, wu-patamik
Doll -- su-leitri
Dolmen -- pashov (anc.)
Dolomite -- desh-tukh
Dolomitic limestone -- desh-vom-tukh
Dolostone -- desh-kov
Domain -- gret
Dome (n.) -- ub
Domestic (adj.) -- ha'kel-, ha'kelik
Domesticate -- ha'kelikau
Domestication -- ha'kelikaya
Dominance -- abru'es
Dominant -- abrupik
Dominate -- abrukhai
Domination -- abrakhaya
Dominator -- abruhausu
Donate -- tan-tor
donation -- tanan
Donor -- tansu
Door -- svep (anc.)
Doorcase -- svep-nentu
Doorframe -- svep-nentu
Doorjamb -- svep-lehk
Doorkeeper -- svep-dvinsu
Doorknob -- svep-elat
Doormat -- svep-pev
Doorpost -- svep-lehk
Doorsill -- svep-sku
Doorstep -- svep-ashef
Doorstop -- svep-klohek
Doorway -- svep-sharu
Dormancy -- yukup'es
Dormant -- yukup-, yukupik
Dormant phase -- yukup-wek
Dormant volcano -- yukup-zul-kunel
Dorsal fin -- pla'dor-ralek
Dorsalga -- pla'dor-kusut
Dorsiferous -- pla'dor-leshanik
Dorsiflexion -- pla'vuleya
Dorsigrade -- fi-pla'uk-latesik
Dose (n.) -- fim
Dosimeter -- fim-thonak
Dosimetry -- fim-thon
Double (v.) -- dahtau
Double agent -- dah-zamasu
Double bond -- dah-tel
Double cone -- dah-ikun
Double door -- dah-svep
Double entry -- dah-svin
Double exponential distribution -- dah-ashenek-sagan
Double exponential integration -- dah-ashenek-ketilaya
Double exposure -- dah-sashavaya
Double floor -- dah-lan-tol
Double helix -- dah-kulan
Double hull -- dah-vukh
Double integral -- dah-ketil
Double series -- dah-weizehl
Double vision -- dah-glan
Double wall -- dah-temok
Doubt -- vet, vet-tor
Doubtful -- vet-bosh
Dough -- ned
Down(ward) -- ne'le
Downwind -- ne'salanik
Draft (n.) -- fnalan (air); ne-haf (under a ship)
Drag (v.) -- zashehau
Drain -- smashaya (loss); smash-mev (pipe); smashau (v.)
Drainage -- smashaya
Drapes (n.) -- skahanu
Draw (v.) -- bes-tor
Drawer (desk, etc.) -- zish-nef
Drawing -- bes
Dream -- run, run-tor
Drier (device) -- psethayek
Drift -- marau, maraya
Drill -- spitau; spitayek
Drill bit -- spitau-zus
Drill chuck -- (spitau-)zus-meskarayek
Drill press -- spitau-el'lamok
Drink -- mon, mon-tor
Drinkable -- mon-yehat
Drip -- thezh, thezh-tor
Drip-proof -- thezh-teht
Drive (n.) -- yeturat (motivation, need, urge); yeturek (mech.)
Drive (v.) -- yetur (anc.)
Drive section -- yeturek-krus
Drive shaft -- yetur-fek
Driveline, Drivetrain -- yetur-ek'zehl
Driver -- yetursu (person); yeturak (software); mahyeturek (machine)
Driver coil -- yetur-pakuv
Driveway -- awek-thro-yut
Drizzle -- pi'sov-masu; pi'sov-mashau
Drogue parachute -- seshau-tev-sai
Drone (aero.) -- risu-sov-hali
Drop (n.) -- set (fall); nes (lowering); thek (rain, tear, etc.)
Drop (v.) -- set-tor (to let fall); ne-tor (to lower)
Drop arm (mech.) -- set-kar
Drop cloth -- thek-sai
Drop hammer -- set-mah-vel
Drop point -- set-sfek
Drop tank -- set-tuhle
Drop valve -- set-spunek
Droplet -- pi'thek
Droplight -- geldau-ha'gelek
Dropsonde -- set-sov-nisayek
Dropsy -- ritsuri-masu-hoknaya
Drosometer -- asal-masu-thonek
Dross -- mopuhsh
Drought -- pseth-wak-krus
Drown -- mastevau
Drug (n.) -- ta'bek (anc.)
Drug resistance -- ta'bek-tehnaya
Drum -- vluhn, vluhn-tor
Drumbeat -- vluhn-kuhs
Drupe -- kahm-savas
Drupelet -- pi'kahm-savas
Dry -- pseth, psethau
Dry cell battery -- pseth-nala-kipof
Dry dock -- smash-hali-kif
Dry ice -- le-suma s'dah-eshu t'nol-tukh
Dry measure -- pseth-thon
Dry rot -- pseth-nehaya
Dry season -- pseth-tevun-yonuk
Dry steam -- pseth-zhis
Dry valley -- pseth-pilashik ku-li
Dry weight -- herbosh-rasath
Duality -- dah'es
Dub (v.) -- abevipladau
Dubious -- vet-bosh
Dubnium -- leh-wuh-tukh
Duct (n.) -- mev
Ducting -- mevtra
Duel (n.) -- pagun (anc.)
Duet (n.) -- dah-mavaya
Dull (adj.) -- guhf-, guhfik (boring); pas-, pasik (not sharp)
Dune -- sef
Duo -- dahek
Duodecimal (adj.) -- leh-dah-, leh-dahik
Duonetic coupler -- dah-fel-teretek
Duplex (adj.) -- on-kharat-, on-kharatik
Duplicate -- va'asau, va'asaya
Dust -- grazhiv
Dust storm -- grazhiv-sahriv
Dustcover -- grazhiv-wein
Dustpan -- fnash-sunil
Duty -- gu-vam (anc.)
Dwarf (n.) -- kobsu
Dwelling -- kelek
Dyad -- zun-shif
Dye -- kur-tor, kur-tukh
Dynamic (adj) -- toranu-, toranik
Dynamo -- toranelek
Dynamometer -- smish-thonek
Dysentery -- rasah-masu-pekh
Dysfunction -- ritsuri-is-lof
Dysgraphia -- ritsuri-kitau-nosh
Dyskinesia -- ritsuri-dvun-nosh
Dyslexia -- ritsuri-telv-nosh
Dyslogia -- ritsuri-nahp-nosh
Dyson sphere -- ek'kal t'Daison
Dysosmia -- ritsuri-fnish-nosh
Dyspepsia -- ritsuri-skaun-nosh
Dysphagia -- ritsuri-vinem-nosh
Dysphasia -- ritsuri-stariben-nosh
Dysphonia -- ritsuri-spes-nosh
Dyspnea -- ritsuri-esh-nosh
Dysprosium -- khreit-tukh
Dystrophy -- nalatra-tehn-storaya
Dysuria -- ritsuri-vazh-nosh

Each -- tik
Eager -- nayik
Ear -- kaluk
Earache -- kaluk-kusut
Eardrum -- zhu-nalatra-tin
Early -- ten-mal
Earn -- pinkau
Earnings -- pinkaunu
Earphone -- kaluk-ralashek
Earpiece -- kaluk-vel
Earring -- kaluk-mokuv
Earth -- Terra (planet); solektra (ground)
Earth colors -- solek-kureklar
Earth current -- solektra-katrom
Earth sciences -- ek'tra-ek'tallar
Earthborn -- fi'Terra-pukeshtaik
Earthbound -- fi'Terra-telanik
Earthling (n.) -- Terrasu
Earthly -- terrupik
Earthquake -- solektra-hutaya
Earthquake intensity -- solektra-hutau-flan'es
Earthquake magnitude -- solektra-hutau-pul'es
Easement -- krotchilaya
East -- she'rak
Eastern -- she'rak-, she'rakik
Eastward(s) -- na'she'rak
Easy -- hag-, hagik
Eat -- yokul
Eatable -- yokul-yehat
Eatery -- yokul-mahr-kel
Eave(s) -- kamu-mesyel(lar)
Ebb tide -- ne'le-mashen
Ebullator -- masu-esta-falekek
Ebulliometer -- kan-sfek-thonek
Ebullition -- kanan
Eccentric (adj.) -- risvitan-, risvitanik
Eccentric angle -- risvitan-vulu
Eccentric load -- risvitan-tus
Eccentricity -- risvitan'les
Ectemic (zool.) -- akan(-)
Echelon -- vus
Echo (n.) -- vava
Eclipse (n.) -- ek'duv
Ecology -- malat-tal
Economist -- iskan-talsu
Economize -- yeht-korsau
Economy -- yeht-iskan'es (efficient use); iskan (system)
Ecophysiology -- (malat-)ek'shalik is-lof-tal
Ecospecies -- shaline-koshtri
Ecosphere -- ha-ek'shal
Ecosystem -- ha-ek'torektra
Ecotone -- prah-shal
Ecotype -- shal-ha-ves
Ecru (color) -- ha'mazhiv-kur
Ecstasy -- prahk'es
Ecstatic -- prahk-, prahkik
Ectoderm -- si-nalatra
Ectogenesis -- si-vukhut-storaya
Ectoparasite -- skonn-neshuhk
Ectophloedal -- fi-lap-wadiyik
Ectopia cordis -- ritsuri-shitik khaf-spol
Ectopic pregnancy -- ri-sudef-k'kan'es
Ectotherm (zool.) -- si-falek-aushfa
Eddy (n.) -- pi'tehn-katrom (counter-current), pi'tchef (whirlpool)
Eddy current -- tehn-katrom
Edema -- ritsuri-masu-hoknaya
Edentate, Edentulous (adj.) -- zud-fam-, zud-famik
Edible -- yokul-yehat
Edge -- rihk; rikhau
Edge effect -- rihk-daya
Edge tool -- rihk-raul
Edging -- rikhaya
Edit -- ver-tor
Edition -- yadan
Editor -- versu
Effect -- daya
Effective -- dau-bosh
Effectiveness -- dau-bosh'es
Efferent -- salesh-, saleshik
Efficiency -- yeht-urgam'es
Efficiency rating -- yeht-urgam'es-tavan
Efficiency ratio -- yeht-urgam'es-tavat
Efficient -- yeht-urgam(-)
Effluent -- sayumuk
Effort -- urgam
Egg -- yu-mur
Eggbeater -- yu-mur-rishek
Eggshell -- yu-mur-fo
Ego -- shayuf
Egocentric -- shai-svitan-, shai-svitanik
Egocentrism -- shai-svitan'es
Egomania -- ek'shai-svitan'es
Egotism -- ritsuri-shai'es
Egress -- ruken, ruk-tor
Eidetic -- zat-glak-, zat-glakik
Einsteinium -- kau-tukh
Ejaculate -- khrasau
Ejaculation -- khrasaya
Ejaculatory duct -- khrasau-mev
Eject -- sadakh (anc.)
Ejecta (geol.) -- sadakh-tukh
Ejection -- sadakhat
Ejection seat -- sadakh-ku-san
Ejector -- dakh-vel, sadakhek
Ektrodacthylia -- kesh-fam-uk
Eln -- buh'les
Elapse -- veshau, veshaya
Elapsed time -- veshal-wak
Elbow -- kar-nef
Elderly (adj.) -- shakhupik
Elderly, The (n.) -- Shakhu
Elect -- todvel-tor
Election -- todvelan
Elector -- todvelsu
Electric -- raf-, rafik
Electric bell -- raf-kus-vakh
Electric burn -- raf-yontaya
Electric eye -- raf-glayek
Electric flux -- raf-gasu
Electric light -- raf-ha'gelek
Electric motor -- raf-mishu
Electric propulsion -- raf-dataya
Electric shock -- raf-kolaya
Electrical conductivity -- raf-spa'es
Electrical discharge -- raf-khrasaya
Electrical engineering -- raf-mish-tal
Electrical power distribution -- raf-tepul-sagan
Electrical storm -- igen-wesh-sahriv
Electrian -- raf-tor-velsu
Electricity -- raf-tepul
Electrification -- rafaya
Electrify -- rafau
Electrochemistry -- raf-meil-tal
Electrocute -- rafostau
Electrocution -- rafostaya
Electrocyte -- raf-nala
Electrode -- narafek
Electrodynamc fluid -- raf-toranu-masu
Electrokinetics -- raf-dvun-tal
Electrolysis -- raf-nifaya
Electrolyte -- falun-krus-tukh, falun-krus-masu
Electrolyze -- raf-nifau
Electromagnet -- raf-seshan-vel
Electromagnetic brake -- raf-seshan-vohrayek
Electromagnetic field (EMF) -- raf-seshan-vunai
Electromagnetic generator -- raf-seshan-ferek
Electromagnetic induction -- raf-seshan-vimevilaya
Electromagnetic pulse (EMP) -- raf-seshan-sagaya
Electromagnetic radiation -- raf-seshan-saya
Electromagnetic switch -- raf-seshan-dvelek
Electromagnetic unit -- raf-seshan-kebi
Electromagnetic wave -- raf-seshan-pral
Electrometer -- raf-naty-a-thonek
Electromotive force -- raf-dvun-nekwitaya
Electron -- u'gal
Electron beam -- u'gal-ha'zehl
Electron gun -- u'gal-pohshek
Electron mass -- u'gal-shivak
Electron microscope -- u'galik numo-zen-vel
Electron pair -- u'gal-shif
Electron resonance scanner -- u'gal-kusilau-glashayek
Electron scanning -- u'gal-glashaun
Electron shell -- u'gal-fo
Electron stream -- u'gal-salash
Electronegative -- raf-u'ra'k(-)
Electronic -- raf-ar'kada-, raf-ar'kadaik
Electronic control -- raf-ar'kada-tash
Electronic countermeasures (ECM) -- raf-ar'kada-tehnokatlar
Electronic flash -- raf-ar'kada-kahat
Electronic ignition -- raf-ar'kada-yonan
Electronic mail (email) -- raf-ar'kada-sakat
Electronic microphone -- raf-ar'kada-viralashek
Electronic shutter (camera) -- raf-ar'kada-ha'wein
Electronic switch -- raf-ar'kada-dvelek
Electronic tuning -- raf-ar'kada-tvelaun
Electronics -- u'gal-yumau-tal (study); raf-ar'kada-vellar (equipment)
Electronics bay -- raf-ar'kada-sutaun
Electroplating -- raf-slaun
Electropositive -- raf-a'ra'k(-)
Electrostatic -- shi-raf-, shi-rafik
Electrostatic charge -- shi-raf-falun
Electrostatic field -- shi-raf-vunai
Electrostatic generator -- shi-raf-ferek
Electrostatic induction -- shi-raf-vimevilaya
Electrostatic microphone -- shi-raf-viralashek
Electrostatic shield -- shi-rafik fo-dan
Electrostatics -- shi-raf-tal
Electrotional -- raf-falek-, raf-falekik
Elegance -- sohk'es
Elegant -- sohk-, sohkiik
Elegy -- v'hak (anc.)
Element -- meilak (chem.); velak (math.)
Elemental analysis -- meilak-nisaya
Elementary -- nen-, nenik
Elementary function -- nen-kek
Elementary number -- nen-su'us
Elementary operation -- nen-el'toraya
Elementary particle -- nen-p'il'gal
Elevate -- ashenua
Elevation -- ashenaya (raising); (sov-)pidek (altitude)
Elevator -- sa'adek (lift); ashenayek (aero., anat.)
Eleven -- leh-wuh
Elevon -- ashen-padukau-rala
Eliminate -- snem-tor
Elimination -- snem (removal); vazh-suem (urine); pekh-suem (feces)
Elite -- Snapidu (n.); snapid-, snapidik (adj.)
Elitism -- snapid'es
Elixir -- glozho (anc.)
Ellipse -- yuv
Ellipsoid -- yuvan
Ellipsoidal calculus -- yuvanik pitoh-su'us-ek'tal
Ellipsoidal coordinate -- yuv-shi-kethel
Elliptic(al) -- yuv-, yuvik
Elliptic cone -- yuv-ikun
Elliptic curve -- yuv-tsa
Elliptic function -- yuv-kek
Elliptic integral -- yuv-ketil
Elliptic logarithm -- yuv-talashenek
Elliptic trammel -- yuv-bes-rala
Ellipticity -- yuvik'es
Elongate -- wuvau
Elongated -- wuvauk
Elongation -- wuvaya
Elsewhere -- kitok-wilat
Elude (v.) -- savlau (evade); stron-tor (escape)
Elutriate -- pu-dahshau
Elutriation -- pu-dahshaya
Eluvium -- skrash-tuhk
Emanicipate -- su'el-tor
Emanicipation -- su'elan
Embarkment -- vulosoltra
Embark -- fihal-tor
Embed -- vishitau
Ember -- kilyon
Embolectomy -- snem t'el-klotau-vel
Embolism (med.) -- mev-klotaya
Embolus -- el-klotau-vel
Embrace -- nartau, nartaya
Embroidery -- og-tanaf
Embryo -- ten-kan-bu (TGV), pi'tenkan (MGV)
Embryogenesis -- pi'tenkan-storaya
Embryology -- pi'tenkan-tal
Embryonic, Embryotic -- pi'tenkan-, pi'tenkanik
Emerald (n.) -- yar-khush
Emerge -- sasarlah
Emergency -- kef-, kefik; kef-yet
Emergency anti-grav thruster -- kef tehn-sesh-kwitek
Emergency battery -- kef-kipof
Emergency bridge -- kvath-tash-svitan
Emergency containment grid -- kef-tuhlau-vis
Emergency flush intake -- prah-vel t'kef-kluhvaya
Emergency flush vent -- kef-kluhvau-krau
Emergency generator -- kef-ferek
Emergency hatch -- kef-thro-svep
Emergency landing leg -- kef-fisolekau-mal
Emergency medical hologram (EMH) -- kef has-reh-bikuvsu
Emergency life support -- kef-ha'kiv-nenikaya
Emergency survival compartment -- kef-rishan-torayek
Emergency switch -- kef-dvelek
Emergency transporter -- kef-ifisek
Emesia -- pluikan
Emetic (n.) -- pluikh-tukh
Emission -- saya
Emit -- sau
Emitter -- sayek
Emitter array -- sau-zehlaya
Emollient -- wadi-mosek
Emotion(s) -- zherka
Emotional -- zherka-bosh
Emotionless -- zherka-fam
Empathic -- rigolaik
Empathy -- rigolaya
Empennage -- sov-hali-harrtra
Emperor -- sa-eik-te'kruusu
Empire -- eik-te'kru
Empower -- totepulau
Empress -- ko-eik-te'kruusu
Empty (adj.) -- herbosh
Empyema -- pi’tauk-kuhka-hoknaya
Emulsible -- dah-mashauk
Emulsifier -- dah-mashek
Emulsion -- dah-masu
Encapsulate -- pahafolau
Encase -- patuhl-tor
Encephalitis -- shad-yonshaya
Encephalocele -- shad-faka
Encephalon -- shad
Encephalopathy -- shad-has
Enchain -- panaflakhau
Encircle -- vikuva
Encirclement -- vikuva
Enclose -- vi'ikap-tor
Encode -- vikiht-tor
Encoder -- vikihtek
Encounter -- snagel, snagel-tor
Encounter group -- snagel-travek
Encourage -- kastorau
Encouragement -- kastoraya
Encroach -- visnuhpau
Encroachment -- visnuhpaya
Encrust -- papuhnkau
Encrustation -- papuhnkaya
Encrypt -- visatilau
Encryption -- visatilaya
Encryption matrix -- visatilau-viskulan
Encyclopedia -- danau-dunap
End -- shaht, shahtau
Endanger -- vitehvar-tor
Endarteritis -- yonshaya t'uzh-khaf-me
Endeavor (n.) -- nakarat (anc.)
Endemic -- la'tveshulauk
Ending (n.) -- shahtan
Endless -- shaht-fam
Endobiotic -- tv-hatik
Endocarditis -- yonshaya t'tvi-tin t'khaf-spol
Endocardium -- t'vi-tin t'khaf-spol
Endocrine gland -- t'vi-sau-pi'nafek
Endocrine system -- t'vi-sau-torektra
Endocrinology -- t'vi-sau-tal
Endolithic -- t'vi-kov-hatik
Endolymph -- t'vi-kaluk-masu
Endometriosis -- risufef-tvitaya-nosh
Endometritis -- sudef-tvitaya-yonshaya
Endometrium -- sudef-tvitaya
Endoparasite -- tv-neshuk
Endophyte -- tv-kas-kastik
Endoplasm -- tv-tukh
Endorphins -- kusut-nemik tv-shad-keteklar
Endoscope -- tv-zan-vel
Endoscopy -- tv-zanan
Endoskeleton -- (tvi-)hinek-teraya
Endosperm -- nei-yem-nalatra
Endosteeum -- tvi-hinek-tvitaya
Endothelium -- tvi-skonn-nalatra
Endotherm (zool.) -- tv-falek-aushfa
Endotoxin -- tv-hasam
Endoctic -- tv-aushfa-, tv-aushfaik
Endpoint (math.) -- shaht-sfek
Endurance -- palesh
Endure -- palesh-tor
Enema -- pekh-razh-pun
Enemy -- nemut (anc.)
Energize -- tepulau
Energy -- tepul
Energy balance -- tepul-vo'ektaya
Energy barrier -- tepul-foshek
Energy field -- tepul-vunai
Energy focusing matrix -- tepul-thakau-viskulan
Energy gain -- tepul-nazh
Energy level -- tepul-vok
Energy loss -- tepul-pak
Energy management -- tepul-khartaun
Energy transfer -- tepul-shan
Enforce -- togolau
Enforcement -- togolaya
Enforcer -- togolausu
Engine -- mishu
Engineer -- mishek
Engineering -- mish-tal (field); mish-shal (spaces)
English (language) -- eingelsu
Engrave -- thes-tor
Engraver -- thessu
Engraving -- thes
Engulf -- shonau
Enlarge -- sukau
Enlargement -- sukaya
Enlarger -- suhayek
Enigma -- del-ri (anc.)
Enjoy -- tizh-tor
Enjoymen -- tizh'es
Enormous -- masuk'
Enough -- hiyet (anc.)
Enrich -- tvidon-tor
Enrichment -- tvidon'es
Ensiform -- shek-mor-shidik
Ensign -- wuh-lan (naval rank); (seht-)haifan (flag)
Enter -- svi-tor
Enteritis -- pekh-mev-yonshaya
Enthusiasm -- buh'les
Enthusiastic -- buh'-, buhlik
Entomophobia -- ravot-pthak
Entry -- svin
Enucleation -- ek'kurus-nem
Enuresis -- ritash-vazhaya
Environment -- ek'sitra
Environmental control -- ek'sitra-tash
Environmental systems monitor -- glantayek t'ek'sitra-torektralar
Enzootic -- la'tveshulauk
Enzyme -- zalu
Eolian -- salan-, salanik
Ephemeral (adj.) -- mapen-palesh-, mapen-paleshik
Ephemerosphyte -- sahr-kastik
Epibiotic -- fi-hatik
Epicranium -- patam-wadi-tin(lar)
Epidemic -- shal-has-sak
Epidemiology -- has-sak-tal
Epidermis -- si-wadi
Epididymis -- pi'sa-nei-mev
Epigean -- solektra-skonn-hatik
Epiglottis -- vinem-pi'rala
Epilation -- isach-gir-snem
Epilepsy -- skichra (anc.)
Epilimnion -- abru-masu-tin t'suk'muzh
Epipellic -- fi-vrel-hatik
Epiphyte -- fi-vath-kastik
Epiphytotic -- kas-shal-has
Episcleritis -- bezhun-wan-yonshaya
Epistaxis -- han-khafaya
Epitaxial -- tin-khush-to'ovaK
Epitaxy -- tin-khush-to'ovaya
Epithelial cell -- wein-nala
Epithelial tissue -- wein-nalatra
Epithelium -- wein-nala-tin
Epipylos -- fi-lapap-to'ovaK
Epizoic -- fi-aushfa-to'ovaK
Epizoon -- aushfa-wadi-hatik aushfa
Epoch -- nauf
EPS conduit -- raf-snazh-mev
EPS regulator -- raf-snazh-pakhartayek
EPS relay -- raf-snazh-gol'dvunek
EPS system -- raf-snazh-torektra
Equal (adj.) -- ka; ka-, kaik
Equal-area projection -- ka-shal-salehm
Equality -- ka'es
Equation -- vo'ilhin
Equator -- dahs-da-kuv
Equidistant -- ka-ir-, ka-irik
Equilateral arch -- ka-reh-keseK
Equilateral hyperbola -- ka-pidvalu
Equilateral polygon -- ka-wehk-vla
Equilateral roof -- ka-reh-kamu
Equilateral triangle -- ka-reh-vla
Equilibrium -- vo'ektilahr
Equilibrium constant -- vo'ektilahr-ek'kat
Equilibrium point -- vo'ektilahr-sfek
Equinox -- ka-gad
Equip (v.) -- tanovaK
Equipment -- tanovau-tukh (gear); mishtra (machinery)
Equipped, to be -- putanovaK
Equivalence -- ka-tala'es
Equivalent -- ka-tala-, ka-talupik
Era -- nuhs
Erase -- snishau
Eraser -- snishayek
Erasure -- snishaya
Erbium -- bal-tukh
Erbium laser -- bal-tukh-ha'zehlek
Erect (v.) -- abru-tor
Erectile tissue -- abru-nalatra
Erection -- abrun
Erector (anat.) -- abrun-dvunek
Ergometer -- dvunek-thoneK
Ergonomics (study) -- zup-dvun-tal
Ergophobia -- ar'kada-pthak, zup-pthak
Ergot -- yartik-luk
Ergotism -- has-mar s'yartik-luk
Erode -- skrashau
Erogenous -- guv-kastorilau-, guv-kastorilauk
Erosion -- skrashaya
Erosive -- skrashauk
Erotic -- guv-dau-, guv-dauk
Err -- laf-tor
Errand -- skrol
Erratics (geol.) -- hafau-kov-tukh s'dvun-le-sumatra
Erroneous -- laf-bosh
Error -- lafosh (anc.)
Error code -- laf-kiht
Error message -- laf-skladan
Error signal -- laf-glantokaya
Erucic acid -- blavla-sash
Eruct -- skaun-sa'haf-sovaau
Eructation -- skaun-sa'haf-sovaya
Erumpent -- sathourak
Erupt -- sposh-tor
Eruption -- sposhan
Erythema -- wadi-yon'es s'pi'haf-mev-eikan
Erythrim -- mayon-kurau-nosh
Erythroblast -- khaf-orfik-nala
Erythrocyte -- yon-khaf-nala
Erythroderma -- wadi-yon'es-nosh
Erythropoiesis -- torvaya t'yon-khaf-nalalar
Escalate -- sa'ovau (expand); abulau (increase)
Escalator -- shenek
Escapable -- stron-yehat
Escape -- stron, stron-tor
Escape hatch -- stron-thro-svep
Escape velocity -- stron-threshan
Escapee -- stronsu
Escapology -- stron-tanaf
Eschar (med.) -- yontaya-net
Esophagus -- yokul-mev
Esoteric -- grei-faitik
Esotropia -- vi'le-da-nosh t'bezhun(lar)
Especially -- wa, wa'
Essential -- bolaya-, bolayatik
Essential element -- bolaya-meilak
Essential oil -- bolaya-elmin
Establish -- afer-tor
Esteem -- vam
Ester -- vilash
Esterase -- vilash-zalu
Estimate -- talupau, talupaya
Estrogen -- ko-dau-tukh
Estuary -- masutra-riflash
Etch (v.) -- sash-thes-tor
Eternal -- ek'wak-, ek'wakik
Eternity -- ek'wak'es
Ethane -- sampa-tukh
Ethereal -- ri-ek'tra-, ri-ek'traik
Ethical -- tomayeht-, tomayehtik
Ethnicity -- ne-koshtri'es
Ethnocentric -- ne-koshtri-svitanik
Ethnology -- ne-koshtri-tal
Ethyl -- nena-tukh
Ethylene -- nepa-tukh
Etiolation -- mu'gel-to'ovaya
Etiology -- aishan-tal
Etiquette -- yeht-shila-kloshai
Etymology -- zhit-vesht-tal
Eugenicist -- tash-noshtra-talsu
Eugenics -- tash-noshtra-tal
Euhaline -- krus-alem-masupik
Eukaryote -- svitan-ha-gel
Eulittoral zone -- gan-gef-shal
Eulogie -- kroliben
Eulogy -- krolun
Eunuch -- risakallarsu
Eupeptic -- rom-skuunik
Euphonious -- rom-ralashik
Euphoria -- muhl-olau'es
Euphoriant -- muhl-olau-ta'bek
Euphoric -- muhl-olauk
Euphotic zone -- masu-ha'gel-shal
Eupnea -- tsuri-pa'kizh
Europium -- shanai-tukh
Eurybathic -- fan-lanet-kupik
Euryceous -- eik-shal-hatik
Euryhaline -- eik-alem'es-kupik
Euryoxic -- ek'esh-tukh-kupik
Euryphagic -- eik-yokulik
Eurythermal -- eik-falek'es-kupik
Eurytopic -- eik-nosh-wivelauk
Eustachian tube -- kaluk-mev
Euthanasia -- rom-staya
Euthanize -- rom-stau
Euthenics -- muhl-olau-tal
Eutrophic -- don-katik
Evacuate -- sashalotau
Evacuation -- sashalotaya
Evade -- savlau
Evanescence -- rikwon'es
Evanescent -- rikwon-', rikwonik
Evaporate -- na-sovau
Evaporation -- na-sovaya
Evaporator -- na-sovayek
Evaporimeter -- na-sovau-thonek
Evaporite -- na-sovau-kov
Evasion -- savlaya
Eviction -- yelaikaya
Even (adj.) -- kauk (level); viyi-, viyik (not odd)
Even (adv.) -- ruhm
Even function -- viyi-is-kek
Even number -- viyi-su'us
Evening -- khru
Event -- pavek
Event horizon (astron.) -- pash-yel-krup
Eventful -- pavek-bosh
Eventual -- poshaht-, poshahtik
Evergreen (adj.) -- kwon-mor-, kwon-morik
Evergreen (n.) -- kwon-mor-kastik (plant), kwon-mor-lap (tree)
Evergreen forest -- kwon-mor-laptra
Every -- kanok
Everybody -- kanok-veh
Everyone -- kanok-veh
Everyplace -- kanok-wilat
Everything -- kanok-vel
Everywhere -- kanok-wilat
Evict -- sakelekau
Eviction -- sakelekaya
Evil -- ek'rasahkos (adj.); ek'rasah (n.)
Eviscerate -- sayorkunau
Evolution -- wakrubaya
Evolutionary lineage -- wakrubau-zeh'les
Evolutionary rate -- wakrubau-tav
Evolutionary trend -- wakrubau-venek
Evolve -- wakrubau
Evulsion -- saseshaya
Exact (adj.) -- faika-, faikaik
Exact differential -- faika-natilak
Exact equation -- faika-vo'ihn
Exact science -- talkup-ek'tal
Examination -- linisaya
Examine -- linisau
Example -- li-fal (anc.)
Excavate -- razhil-tor
Excavation -- razhilan
Excavator (device) -- razhilek
Exceed -- namautau
Exceeding (adj.) -- namautauk
Excel -- marom-tor
Excellence -- marom'es
Excellent -- marom(-)
Exception -- kulauf
Excercise (n.) -- tusok
Excess -- mau-tan
Excessive -- mauyik
Excellent -- ohrom
Exchange -- d'kizh, d'kizh-tor
Exchange force -- d'kizh-nekwitaya
Exchange matrix -- d'kizh-viskulan
Exchange rate -- d'kizh-tav
Excise (v.) -- snesh-tor
Excision -- snesh
Excitable -- tepor-yehat
Excite -- teporilau
Excitement -- tepor'ees
Exciter (elect.) -- teporek
Exciting -- teporilaun
Exciton -- razh-u'gal-shif
Exclaim -- sporiben
Exclamation -- sporun
Exclave -- dahs-krus
Exclude -- sanan-tor
Exclusion -- sanan
Exclusion principle -- sanan-dvatai
Exclusive -- sananik
Exclusivity -- sanan'es
Excrement -- pekh
Excrete -- sasnen-tor
Excretion -- sasnem
Excuse -- tobeg, tobeg-tor
Execute -- fitor (carry out); tostau (put to death)
Execution -- fitoran (carrying out); tostaya (death)
Executioner -- tostausu
Executive (n.) -- fitartausu
Executor, Executrix -- fitorsu
Exert -- pidesh (anc.)
Exertion -- pideshan
Exfoliate -- wadi-foshuhl
Exfoliation -- wadi-foshuhn
Exhalation -- sa'le-eshan
Exhale -- sa'le-esh-tor
Exhaust (n.) -- saquhs
Exhaust fan -- saquhs-sovik
Exhaust gas -- saquhs-pa-tukh
Exhaust manifold -- saquhs-wehk-vel
Exhaust pipe -- saquhs-mev
Exhaust port -- saquhs-tersvep
Exhibit -- gluva, gluvaya
Exile -- sashasolau, sashasolaya; sashasolausu
Exist -- nam-tor
Existence -- nam
Existent -- inam-, inamik
Exit -- ruken, ruk-tor
Exobiologist -- s'udish-ha-talsu
Exobiology -- s'udish-ha-tal
Exocrine gland -- si-sau-p'lnafek
Exocyclic -- si-da-kuvik
Exocytosis -- nala-kaushau-khrashaya
Exodermis -- si-gir-tin
Exoskeleton -- si-hinek-velek
Exosphere -- si-ek'shal
Exostosis -- hinek-vihk
Exotic (adj.) -- akan(-) (not native); ritsuri(-) (unusual)
Exotic species -- akan-koshtri
Exotoxin -- pasi-hasam
Exotropia -- sa'le-da-nosh t'bezhun(lar)
Expand -- sa'ovau
Expander -- sa'ovayek
Expans -- iraktra
Expansion -- sa'ovaya
Expansion curve -- sa'ovau-tsa
Expansion engine -- sa'ovau-masu-mishu
Expansion joint -- sa'ovau-lesek
Expansion tank -- sa'ovau-tuhlek
Expansion valve -- sa'ovau-spunek
Expect -- gish
Expectation -- gishat
Expected (n.) -- gishu
Expel -- sahaisau
Expense -- kodona (anc.)
Expensive -- kodonuhk (anc.)
Experience -- veshtau, veshtaya
Experiment (n.) -- spolek (anc.)
Experimental error -- spolek-lafosh
Expert (n.) -- hiyasu
Expiration -- yaushan (ending); sa'le-eshan (med.)
Expire -- yausha (end); sa'le-esh-tor (med.)
Explain -- danau
Explanation -- danaya
Explode -- thorshau
Explosion -- thorshaya
Explosive (adj.) -- thorshauk
Explosives -- thorshau-tukh
Exponent -- ashenek
Exponent laws -- ashenek-gavlar
Exponential distribution -- ashenek-sagan
Exponential function -- ashenek-kek
Exponential growth -- ashenek-to'ovaya
Exponential integration -- ashenek-ketilaya
Exponential series -- ashenek-weizehl
Expose -- sashavau
Exposure -- sashavaya
Exposure dose -- sashavau-fim
Exposure meter -- sashavau-thonek
Exposure value -- sashavau-tala
Express (v.) -- satiben (utter); sagluvau (display, show)
Expression -- satun (utterance); sagluvaya (facial display)
Expulsion -- sahaisaya
Expunge -- ek'enem-tor
Exsanguinate -- ek'khafau
Exsanguination -- ek'khafaya
Exsiccate -- psethau
Extant -- i'hatik
Extemporaneous -- rikoplan-, rikoplanik
Extend -- sadvun-tor
Extender -- sadvun-tukh (chem.), sadvun-vel (mech.)
Extensible -- sadvun-yeahat
Extension -- sadvunan
Extensometer -- tinga-rub-thonek
Extensor (anat.) -- sadvunek
Extent -- sadvun
Exterior -- si-, sik (adj.); sin (n.)
Exterior angle -- si-vulu
Exterminate -- ek'stau
Extermination -- ek'staya
External (adj.) -- si-, sik
Externalization -- sikaya
Externalize -- sikau
Extinct -- ek'tevik
Extinction -- ek'tevan
Extinguish -- sayonotau
Extinguisher -- sayonotayek
Extricate -- ek'snesh-tor
Extrication -- ek'snesh
Extra (adj.) -- hayaik (additional); weht(-) (more)
Extracellular -- si-nala-, si-nalaik
Extrachromosomal -- si-toltra-, si-toltraik
Extracorporeal -- si-vukhut-, si-vukhutik
Extracranial -- si-grat-, si-gratik
Extract -- saseshau (v.); saseshak (n.)
Extraction -- saseshaya
Extractor -- saseshayek
Extradite -- tosatanau
Extradition -- tosatanaya
Extragalactic -- si-yel-halekik
Extralegal -- si-to-gavik
Extramarital -- si-kun-utik
Extraneous -- ribolaya-, ribolayatik
Extraocular muscle -- bezhun-tash-dvunek
Extraordinary -- wehtsur(-)
Extrapolate -- sakunotau
Extrapolation -- sakunotaya
Extrasensory perception (ESP) -- si-kash-ralik pakashogaya
Extraterrestrial (adj.) -- si-ek'tra-, si-ek'traik; si-terra-, si-terrupik
Extraterrestrial -- si-tsokal-, si-tsokalik
Extraterrestrial -- si-sudef-, si-sudefik
Extravagance -- madon'ès
Extravagant -- madon-, madonik
Extravasate -- si-mev-tasau
Extravasation -- si-mev-tasaya
Extravascular -- si-mev-, si-mevik
Extravehicular activity (EVA) -- si-hali-torai
Extreme (adj.) -- mair-, mairik
Extremely high frequency (EHF) -- mair-pid-vak'v'es (MPV)
Extremely low frequency (ELF) -- mair-neik-vak'v'es (MNV)
Extremity (anat.) -- si-vukhut-krus
Extrude -- hishidorau
Extrusion -- hishidoraya
Extrusive rock -- hishid-kov
Exuberance -- mabuhl'es
Exuberant -- mabuhl-, mabuhllik
Exudate -- stan-tukh
Exudation -- stan
Exude -- stan-tor
Exuviation -- saweinaya
Eye (n.) -- bezhun
Eyeball (n.) -- bezhun(-kal)
Eyebolt -- pakuv-terk
Eyebrow -- bezhun-zehl
Eyedropper -- bezhun-thekek
Eyeglasses -- (bezhun-)zaneshu (anc.)
Eyehole (peephole) -- zan-sharu
Eyelash -- bezhun-isach
Eyelet -- pi'sharu
Eyelid, Inner -- tvi-bezhun-wein
Eyelid, Outer -- si-bezhun-wein
Eyepiece -- zan-krus
Eyestalk -- bezhun-pił'ek
Eyestrain -- bezhun-his
Eyewitness (n.) -- toglantausu
"F" to "I"

ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU

>F< na'>I<

Fable -- yehvaru
Fabric (clothing) -- sai-tukh
Fabricate -- zhuk-tor
Fabricator -- zhukek (device); zuksu (person)
Façade (building) -- kelimuk (contraction of "kel-limuk")
Face (n.) -- limuk
Face-lift -- limuk-sazehlanaya
Facet (side) -- (khush-)via (crystal); (ek'zer-)via (gem); pulva (aspect)
Facial (adj.) -- limuk-, limukik
Facile (easy) -- hag-, hagik
Facility -- kebtra (place); hag'es (ease)
Facing -- limak
Facsimile -- rom-va'asaya (exact copy); raf-glakuv-sasaya (fax)
Fact -- kla-min (anc.)
Faction -- seshsat (anc.)
Factor (n.) -- klai
Factorial -- klayanek
Factoring -- klain
Factory -- zhuk-om (anc.)
Factual -- kla-minik
Facultative parasite -- on-neshuhk
Faculty -- kup'es (ability); sutra (staff)
Fade -- spoh, spoh-tor
Fadeless -- spoh-famik
Fader (device) -- spohek
Fail -- vravshau
Fail-safe -- shati-vravshau-korsayek (SVK)
Failure -- vravshaya
Fairing (aero.) -- tehn-zaseshau-wein
Fairy -- pu'a (anc.)
Faith -- odva
Falcate -- urokesor-tsaik
Falciform -- urokesor-shidik
Falcula -- tsa-spahk
Fall -- tevan, tev-tor
Fallacious -- rilokav-, rilokavik
Fallacy -- rilokav'es
Fallible -- laf-yehat
Fallout -- satev-tukh
False -- riyeht(-) (adj.); yeht-fam (adv.)
False alarm -- riyeht-vikayek
False bottom -- riyeht-lanet
False color -- riyeht-kur
False start -- riyeht-palikaya
Falx -- urokesor-vel
Fame -- khin
Family (kin) -- pi'maat
Famine -- mair-yem-penak
Famous -- khiniik
Fan (n.) -- sovek (cooling device); vaikausu (devotee)
Fang -- wu-zud
Fantasize -- kropau
Fantasy -- kropaya
Far -- irak(-)
Fare (v.) -- hal-tor (go); yokul (eat); panavau (get by)
Farewell (n.) -- rom-halan
Farm -- uroshal (n.); uroshita (v.)
Farmer -- uroshitaus (TGV), uroshalsu (MGV)
Farmhand -- uroshal-zupsu
Farmhouse -- uroshal-kelek
Farmland -- urozh-solektra
Farrago -- pa-rish
Farther -- weh-irak
Farthest -- dan-irak
Fascia -- zhel (band); dohn (board); tersau-thalv (anat.)
Fascicle -- pi'slahtra
Fascicular -- pi'slahtra-, pi'slahtraik
Fascinate -- sem-tor
Fascinating -- sem-rik
Fascination -- sem
Fast -- sahr-, sahirs (adj.); sahirs (adv.); riyokul (v.)
Fast-acting -- sahr-toraik
Fasten -- terau
Fastener -- terayek
Fat -- thel-, thelik (adj.); -- thel'a (n., anc.)
Fat metabolism -- thel'a-di'kish-torek
Fate -- buk
Fateful -- buk-bosh
Father -- sa-mekh (male parent); yatau (to sire)
Fatigue -- zung, zung-tor
Fatigue limit -- zung-grei
Fatigue test -- zung-nisan
Fatty acid -- thel'a-sash
Faucet -- sayumak
Fault (n.) -- dvun-zehl (geol.); lafot (defect)
Faulty -- lafotik
Fauna -- aushfatra
Fax -- raf-glakuv-sasu, raf-glakuv-sasaya
Fear -- pthak (n.), ptha (v.)
Fearful -- pthak-bosh
Fearless -- pthak-fam
Feast -- gadzhak (n.); gadzhai (v.)
Feat -- torsh
Feather (n.) -- kid
Feathery -- kidik
Febrile -- taulik
Fecal -- pekh-, pekhiik
Fecalith -- pekh-kov
Feces -- pekh
Fecund -- brash-, brashik
Fecundity -- brash'es
Fed, to be -- puyem-tor
Federal (adj.) -- teruk
Federation -- teraya
Federation Standard English -- teraya-eingelsu
Fee -- uz
Feeble -- kobat(-)
Feed (v.) -- yem-tor
Feedback (n.) -- pla'fun
Feeder -- yemek
Feel (v.) -- olau
Feeler -- olayek
Feeler gauge -- olau-mik-yal
Feeling(anat.) -- olaya
Feign -- vup-tor
Feint (n.) -- vup
Feldspar -- tashuhl
Fellow (n.) -- susu (man); katravahsu (associate); besu (companion)
Female -- ko(su) (n.); ko-, koyik (adj.)
Feminine -- kogavik
Femininity -- kogav'es
Feminize -- koyau
Femoral artery -- uzh-khaf-mev 'abru-mal
Femoral nerve -- nen-wel 'abru-mal
Femur -- abru-mal-hinek
Fen -- map
Fenestra -- krani
Fenestration -- krani-sharushan
Feral -- kwai(-) (wild); funkwa(-) (reverted to a wild state)
Ferment (v.) -- siselau
Fermentation -- siselaya
Fermium -- sheh-tukh
Ferocious -- keimen(-) (anc.)
Ferocity -- keimen'es
Ferric chloride -- reh-lafu 't'shek-tukh
Ferric oxide -- reh-eshu 'dah-'shek-tukh
Ferriferous -- shek-tukh-mayik
Ferrous oxide -- eshu 't'shek-tukh
Ferrous sulfate -- vlau-keh-eshu 't'shek-tukh
Ferry -- mes-hali (n.); mes-lesh (v.)
Ferryboat -- mes-masu-hali
Fertile -- kanash-, kanashik
Fertility -- kanash'es
Fertilization -- vikantaya
Fertilize -- vikantau
Fertilizer -- kanash-tukh
Fester (v.) -- vugau
Festival (n.) -- gad-muf (anc.)
Fetal -- tvi-kan-buyik (TGV); tenkan-, tenkanik (MGV)
Fetch (retrieve) -- zaprah
Fetid -- rasvill-, rasvillik
Fetology -- tenkan-tal
Fetoscope -- tenkan-zan-vel
Fetus -- tvi-kan-bu (TGV), tenkan (MGV)
Feud -- naul, naul-tor
Fever -- tau
Feverish -- taulik
Few -- zam-, zamik (adj.); zamu (n.)
Fiancé -- sa-kugalsu
Fiancée -- ko-kugalsu
Fiber -- slah
Fiber-optic cable -- ha'gel-slah-elakh
Fiberglass -- slah-makh
Fiberscope -- ha'gel-slahik zan-vel
Fibrillate -- rikodikau
Fibrillation -- rikodikaya
Fibroid tumor -- slah-gnal
Fibroma -- slah-gnal
Fibromyositis -- dvunek-slah-yonshaya
Fibrositis -- slah-nalatra-yonshaya
Fibrous -- slah-, slahtik
Fibrous tissue -- slah-nalatra
Fibula -- vaukh-hinek
Fiction (literature) -- glenokitaun-tanaf
Fictitious -- riyeht(-) (false); glenon-, glenonik (imaginary)
Field (n.) -- solai (meadow, etc.); vunai (electromagnetic, etc.)
Field coil -- vunai-pakuv
Field current -- vunai-katrom
Field discharge -- vunai-khrasaya
Field frequency -- vunai-vakav'es
Field generator -- vunai-ferek
Field hand -- solai-zupsu
Field magnet -- vunai-seshan-vel
Field star -- sa'awek-yel
Field strength -- vunai-karik'es
Field test -- na-shid-nisan
Field theory -- vunai-wihka
Field winding -- vunai-kuvoran
Fiend -- shaka
Fiendish -- shakaik
Fierce -- kei(-) (anc.)
Fiery -- yonal-, yonalik
Fifteen -- leh-kau
Fifth -- kau'arak
Fifty -- kau-leh
Fight -- puk, puk-tor
Fighter -- puksu (person); puk-hali (vehicle)
Figment -- glenal (anc.)
Figure (n.) -- khlop
Figurine -- pi'sukhlop
Filament -- pi'elakh (TGV); pelakh (MGV)
Filament lamp -- pelakh-ha'gelek
File (document) -- deik, deik-tor
Filiform -- pelakh-shidik, (og-)elakh-shidik
Fill -- boshau, boshaya
Filler -- boshau-tukh
Filling (n.) -- boshak
Film (n.) -- wontin (thin layer); ha'gel-dud (photography)
Filter -- kapol; kapol-tor
Filter bed -- kapol-lantra
Filter feeder -- kapol-yokulek
Filter paper -- kapol-dun
Filtrate -- fna-kapol-masu (liquid), fna-kapol-tukh (solids)
Filtration -- kapol-toran
Fin -- ralek
Finagle -- bukufunau
Final (adj.) -- kim-, kim-shah (anc.)
Finale -- kim-krus
Finalist -- kimsu
Finalize -- kim-tor
Finally -- t'forti (anc.)
Finance (v.) -- donkes-tor
Financier -- donkessu
Find -- talal, tal-tor
Finder -- talek (device); talsu (person)
Fine (adj.) -- tok-ti(-) (well); mapi' (very small); marom(-) (very good)
Fine (penalty) -- dotokau, dotokaya
Fine art -- rom-tanaf
Fine-tooth comb -- beyi-zud-dref
Fine-tune -- faika-tvelkau
Finger (n.) -- ozh
Fingernail -- ozh-felu
Fingerprint (n.) -- ozhidar
Fingerprint scanner -- ozhidar-glashayek
Fingertip -- ozh-sfek
Finish -- shaht, shahtau
Finite -- soshaht-, soshahtik
Fire -- yon (n.); pohshau (v.)
Fire control -- pohshau-tash
Fire engine -- tehn-yon-hali
Fire foam -- tehn-yon-push
Fire retardant -- yon-vohr-tukh
Fire suppressant -- yon-nelau-tukh
Fire suppression system -- yon-nelau-torektra
Fire wall -- yon-termok
Firearm -- pohshayek (TGV), pohshek (MGV)
Fireball -- yonkal
Fireboat -- yon-masu-hali
Firebomb (n.) -- yon-thorshek
Firebreak -- yon-foshek
Firebrick -- yon-dok
Firecracker -- thorsh-leitri
Firefight -- pohshautra
Firefighter -- sayonotausu
Firelight -- yon-ha'gel
Fireman -- sayonotausu
Fireplace -- yon-sha'ti
Firepower -- pohshau-tepul
Fireproof -- yon-teht
Fireside -- yon-shal
Firewood -- yon-lapan
Fireworks -- thorsh-kuroshahar
Firm (adj.) -- pes-, pesik
Firm -- maz-izh
First -- wuh'rak
First, at -- palikauk
First aid -- nen-skasaya
Fish -- aluk (n.); aluk-kum-tor (v.)
Fishbone -- aluk-hinek
Fishbowl -- aluk-kak
Fisherman -- aluk-kumsu
Fishhook -- aluk-kum-kik
Fishing pole -- aluk-kum-fek
Fission -- galu-dahshaya
Fission bomb -- galu-thorshhek
Fission product -- galu-dahshau-torvak
Fission reactor -- galu-dahshau-folayek
Fissionable -- galu-dahshau-yehat
Fissiped -- el-ukalik
Fissure -- thresh
Fist (n.) -- ozh-dukal
Fit (v.) -- nunau
Five -- kaukuh
Fix (v.) -- teslau (repair); nodolau (set into place)
Fixation (chem.) -- nodolaya
Fixed element -- nodo-velak
Fixed point -- nodo-sfek
Fjord -- klehp
Flaccid -- nemosik
Flag (n.) -- haifan
Flagellum -- dvunel-pil'harr
Flagon -- magol (anc.)
Flagpole -- haifan-fek
Flagship -- fik-hali
Flagstaff -- haifan-zeh
Flake (n.) -- wef
Flameau -- yonag (anc.)
Flamboyance -- prskul'es
Flamboyant -- prskul-, prskulik
Flame (n.) -- yai
Flameout (n.) -- yonan-pehkaya
Flameproof -- yai-teht
Flamethrower -- yon-pohshek
Flammability -- yon-yehat'es
Flammable -- yon-yehat
Flap (aero.) -- pi'rala
Flap angle -- pi'rala-vulu
Flap setting -- pi'rala-dvolaya
Flash -- kahai (v.), kahat (n.)
Flash flood -- ak'wik-abtrash
Flash point -- kahai-sfek
Flasher (device) -- kahatek
Flask -- mashek
Flat -- pa'ash(-)
Flatfoot -- pa'ash'ya (contraction of "pa'ash-ash'ya")
Flatter (v.) -- snuhkrol-tor
Flattery -- snuhkrol
Flatulence -- pekhalan'es
Flatulent -- pekhalan-mayik
Flatus -- pekhalan
Flaw (n.) -- lafot
Fléchette -- pi'kii
Flee -- sasahr-tor
Fleet (n.) -- halitra
Flesh (n.) -- kahm
Flex (v.) -- tedvun-tor
Flexible -- rubilauk (adaptable); tedvunik (pliable/pliant)
Flexion -- tedvun
Flexor (anat.) -- tedvunek
Flexure -- tedvun(an)
Flicker -- hanuvauf, hanuvaaya
Flier (n.) -- hashsu (person); hashek (a thing that flies)
Flight -- hash (act of flying); hashalan (trip); sasahr (escape)
Flight control -- hash-tash
Flight deck -- sov-hali-tol (aircraft carrier); hashsu-shal (cockpit)
Flight engineer -- hash-mishkek
Flight envelope -- hash-greyan
Flight level -- hash-pidek
Flight path -- hash-yut
Flight recorder -- hash-vipladayek
Flight status -- hash-nosh
Flight surgeon -- hash-hassu
Flint -- kil-tukh
Flip -- vathlau, vathlaya
Flipper -- mahalek
Float -- markek (n.); markau (v.)
Floatplane -- markek-sov-hali
Flocculant -- terkarf-tukh
Floculate -- terkarf, terkarf-tor
Floccule -- terkarf-vel
Flock -- treit (n.); (pa)treitau (v.)
Floe, Ice -- le-suma-marshak
Flood -- abrash, abrash-tor
Floodgate -- masu-temep
Floodlight (n.) -- zup-ha'gelek
Floodplain -- abrash-eiktra
Floodwall -- abrash-temok
Floodwater(s) -- abrash-masu
Floodway -- abrash-mashyut
Floor (n.) -- lan-tol
Floor lamp -- lan-tol-ha'gelek
Floor plan -- lan-tol-torbesan
Flora -- kastra
Floral arranger -- svai-zehlausu
Floret -- wuh-svai-krus
Florist -- s vai-zhu su
Flotation -- mark aya
Flow -- y mau, y mu ya
Flow monitor -- y mau-thonek
Flow regulator -- y mau-pakh r tay ek
Flow sensor -- y mau-ka shek
Flower -- s vai, s vai-tor
Flow meter -- y mau-thonek
Fluctuate -- kap ra lau
Fluctuation -- kap ra la y a
Flue -- same
Fluency (language) -- ek'ar iben'es
Fluent (language) -- ek'ar iben-es, ek'ar ibenik
Fluid (n.) -- y mu su
Fluidity -- y mu su'es
Flume -- zhe lesh-mash yut
Fluoresce -- sau-ha'tan au
Fluorescence -- sau-ha'tan ay a
Fluorescent -- sau-ha'tan auk
Fluorine -- hosh-tuk h
Fluorocarbon -- hosh-nol-tuk h
Fluoroscope (n.) -- sau-ha'tan au-glu v ay ek ik zan-vel
Flush -- klu hv au, klu hv a ya
Flush valve -- klu hv au-spunek
Fluster -- paik au, paik ay a
Flute (musical instrument) -- kol ch ak
Flutter -- nu v, nu v-tor
Flux (n.) -- gas u
Flux capacitor -- gas u-tsorek
Flux coupler -- gas u-ter etek
Flux meter -- gas u-thonek
Fly (v.) -- hash-tor
Flyby (n.) -- meht-hash an
Flying boat -- mas u-sov-hali
Flyover (n.) -- abru-hash an
Flywheel -- ar'ka-halek
Foam -- puhsh, puhshaw
Foamy -- puhshik (made of or resembling); puhshalik (covered by)
Focal length -- thakau-wu-vath
Focal plane -- thakau-pa'ash tra
Focal point -- thak ay a; teretau-sfek (math.)
Focal ratio -- thakau-tavat
Focus -- thak au, thak ay a; teretau-sfek (math.)
Focused, to be -- puthakau
Focusing barrel -- thakau-wun-mev
Foe -- hahf (adversary); nemut (enemy)
Fog (n.) -- ih sek (anc.)
Fog-drip -- ih sek-masu
Fog-bound -- ih sek-pasht
Fogbow -- ih sek-kes ek
Foggy -- ih sekweik
Foghorn -- ih sek-vik ay ek
Föhn, Foehn (wind) -- lamek h-suk'kun el-salan
Foil (metal) -- moktin
Fold -- heshan, heshan
Foliage -- mortra
Foliate (adj.) -- mor-shidik
Folic acid -- khub-sash
Foliose -- mor-kahk
Folk (n.) -- sular (general plural for people); sutra (populace)
Folklore -- shasol-kethra
Folks -- mekhu (parents); sular(-ves) (people)
Folktale -- sutra-varu
Follicle -- pi'haf
Follow -- zahal-tor
Follower -- zahelsu
Following (n.) -- zahalan
Foment -- tauvolau
Font -- hiktra (type); mashulek (fountain); shu-pal (source)
Food -- yem-tukh
Food chain -- yem-zektra
Food dispenser -- yem-tanek
Food poisoning -- yem-gisaman
Food preparer -- pilsu
Food synthesis unit -- yem-fereik-kebi
Fool (n.) -- duhsu
Foolery -- duh
Foolish -- duh-, duhik
Foolishness -- duh'es
Foolproof -- r'av-teht
Foot -- ash'ya (anc.)
Footbridge -- lates-mesut
Foothills -- nen-kunellar
Footless -- ash'ya-fam
Footpath -- lates-yut
Footprint -- ash'yaidar
Footwear -- ash'ya-sai-vel
For -- na'
Foramen -- sharu
Forb -- ri-yarik bar-got
Forbid -- zadau
Forbidden -- zad-, zadik
Force -- nekwitau, nekwitaya
Force field -- fosh-vunai
Force field barrier -- fosh-vunai-foshek
Force field generator -- fosh-vunai-ferek
Forced, to be -- punkwitau
Forceful -- nekwitau-bosh
Forceps -- ruskarayek
Forcible -- nekwitau-yehat
Ford -- masmez, masmezha
Forearm -- ne-kar
Forebears -- orfik-kel (anc.)
Forebrain -- fa-shad
Forecast -- fezanikau, fezanikaya
Foredock -- fa-lan-tol
Forefather -- orfik-sasu
Forefinger -- kehr-ozh
Forefront -- dan-fa-krus (foremost part); dan-fa-shi (foremost place)
Foreground (n.) -- fa-mesu
Forehead -- fa-patam
Foreign -- k'shatr(-) (anc.)
Foreigner -- k'shatrisu
Foreleg -- fa-mal
Foreman -- zup-fulagsu
Foremast -- faik mashalo-thalv-lap
Foremost -- dan-fa-, dan-faik
Foremother -- orfik-kosu
Forename -- wuhr-ahm
Forepart -- fa-krus
Foreplane -- fa-rala
Foresee -- fa-glan-tor
Foresight -- fa-glan
Forestay -- fa-elakh
Forewarn -- fa-vikau
Forest -- laptra
Forestry -- laptra-ek'tal
Foretell -- fa'aibben
Forever -- ek'wak
Forge -- zhuk-fasek (n.); zhuk-fas-tor (v.)
Forget -- yen-tor
Fork (n.) -- snauk
Form -- shid (n.); shidau (v., mold), shidorau (v., create, build)
Formal (adj.) -- hotor-, hotorik
Format -- yidor, yidor-tor
Formation -- shidoraya
Formatting -- yidoran
Formless -- shid-fam
Formula -- nik-tok (anc.)
Formulate -- nik-tok-tor
Fortress -- klomak (anc.)
Forty -- keh-leh
Forward(s) -- fa'rak
Fossa -- pl'razh (depression, pit); skehl (groove)
Fossette -- pl'razh
Fossil (n.) -- vesht-ha-kov
Fossilize -- kovau
Foul (adj.) -- thruhk(-) (offensive); rislauk (impure); flalik (polluted)
Found (v.) -- afer-tor
Foundation -- nen (base); kel-nen (building); trahkel (establishment)
Foundation pile -- (kel-)nen-nefek
Foundation stone -- kel-nen-kov
Founder (n.) -- afersu (establisher); vishizhuksu (foundry worker)
Foundry -- vishizhukel
Fountain -- mashulek (decorative); sayumak (spring); shu-pal (source)
Fountainhead (source) -- nen-shu-pal
Four -- kekhuh
Fourteen -- leh-keh
Fovea, Foveola -- pl'razh
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<td>Friction feed</td>
<td>tetalau-yemek</td>
</tr>
<tr>
<td>Friction layer</td>
<td>tetalau-tin</td>
</tr>
<tr>
<td>Fried, to be</td>
<td>pupol-tor</td>
</tr>
<tr>
<td>Frieze (ornamental)</td>
<td>fanet-zhel</td>
</tr>
</tbody>
</table>
Friend -- t'hai'il (pl. t'hai'ilu)
Fright -- kolthak
Frighten -- koltha
Fringe (n.) -- geldel (decorative border); rihk (edge)
From -- s'
From (a long way) -- kwi'
From (a superior) -- fasei
Fron --- wehk-mor
Front (n.) -- khom (end); praduk (meteor.)
Frost (n.) -- le-su (anc.)
Frostbite -- le-suma-yontaya
Frosty -- le-suyik
Froth (n.) -- puhs
Frown -- kwal, kwal-tor
Frozen (adj.) -- le-sumalik
Fructification -- savasaya
Fructify -- savasau
Fructose -- savas-slor-tukh
Fruit -- savas (n.); savasau (v.)
Frustration -- nafuhlaya
Fry (v.) -- pol-tor
Fuchsia (color) -- ug'gahv-kur
Fuel -- hal-tukh (n.), hal-tukhau (v.)
Fuel injector -- hal-tukh-vipohshayek
Fuel oil -- hal-elmin
Fuel pump -- hal-tukh-spol
Fuel tank -- hal-tukh-tuhlek
Fugacious -- rikwon-, rikwonik
Fulcrum -- snet
Full -- bosh(-)
Fumarole -- fal-pa-razh
Fume (n.) -- panaz
Fumigate -- panapu-tor
Fumigation -- panapu
Fun -- mihrsh (n.); mihrsh-bosh (adj.)
Function (n.) -- (is-)kek (math.); is-lof (use)
Fundamental -- nen-, nenik
Fundamental form -- nen-shid
Fundamental group -- nen-travek
Fundamental particle -- nen-pi'gal
Fundamental system -- nen-torektra
Fundamental unit -- nen-kebi
Funds -- donketu
Funeral -- mem-lu til-kum (anc.)
Fundus -- nafek-nen
Fungus -- luk
Funnel (n.) -- woht
Fur (n.) -- ausachya
Furuncle -- pl'tak
Fuscous -- mu-kur
Fuse -- shau-vel (n.); kaunshau (v.)
Fuselage -- vukh
Fusiform -- magu-shidik
Fusion -- nala-kaunshaya (biology); galu-kaunshaya (physics)
Fusion reactor -- galu-kaunshaw-folayek
Future -- fa-wak
Fuzz -- zihn
Fuzzy logic -- zih-olozhika

Gabion -- krohk
Gable -- an-bet (anc.)
Gadget -- zuvel
Gadolinium -- tuvar-tukh
Gain -- nazh(-kap), nazh-tor
Gain control -- nazh-tash(ek)
Galactic -- yel-halek-, yel-halekik
Galactic circle -- yel-halek-kuv
Galactic coordinate -- yel-halekik shi-kethel
Galactic noise -- stukh-ralash
Galactic plane -- yel-halek-pa'ashtra
Galactic rotation -- yel-halek-dan
Galaxy -- yel-halek
Gale -- karik salan
Galena (lead ore) -- ras-kov
Gall (med.) -- thel'a-zalu-masu
Gall bladder -- thel'a-zalu-nafek
Gallery -- tanaf-shi'gluvaun (place that displays artworks)
Galley -- af'tum (kitchen); suk'fel-masu-hali (ship)
Gallium -- bral-tukh
Gallop -- ausahr, ausahr-tor
Gallows -- geld-stau-mentu
Gallstone -- kov s'thel'a-zalu-nafek
Galvanize -- tsautau
Game (n.) -- zhagra
Gamete -- vinik guv-nala
Gametocyte -- rivinik guv-nala
Gametogenesis -- guv-nala-storaya
Gamma radiation -- pih-saya
Gamophobia -- kun-ut-pthak
Gang hook -- wehk-kik
Gang mold -- zehl-kushizh-vel
Gang saw -- zehl-zuneshek
Gang switch -- zehl-dvelek
Ganglion (nerve) -- weltra
Gangplank -- thro-dohn
Gangrene (n.) -- nalatra-yem-tevakh
Gangway -- thro-yut
Gantry -- zup-thro-kispek (rocketry); abonentu (support frame)
Gap (n.) -- haf
Garage (n.) -- pl'hali-kel
Garbage -- guhsh
Garden (n.) -- bah-ker (anc.)
Gardener -- bahu
Gargantuan (adj.) -- masuk'
Gargle (v.) -- snuhglau
Garment (n.) -- ain
Garnet -- kaht
Garret -- kamu-tvi-shal
Garrison (n.) -- shi'ask'ersu
Garter -- ashai-zhel
Gas (oxygen, etc.) -- pa-tukh
Gas constant -- pa-tukh-ek'kat
Gas exchange -- pa-tukh-dil'kizh
Gas flow separator -- dahshayek t'pa-tukh-yumaya
Gas gangrene -- nalatra-yem-tevakh k'pa-tukh
Gas grenade -- pa-tukh-thorshek
Gas mask -- pa-tukh-limein
Gas pipe -- pa-tukh-mev
Gas turbine -- mor-dayek t'pa-tukh
Gaseous exchange -- pa-tukh-dil'kizh, pa'kizh
Gasket -- fen-tivel
Gasoline -- hal-masu
Gasoline engine -- hal-masu-mishu
Gasometer -- pa-tukh-thonek
Gasp -- hushayu, hushaya
Gastight -- pa-tukh-fenk
Gastrectomy -- skau-sa'haf-snem
Gastric gland -- skau-sa'haf-pil'nafek
Gastric juice -- skau-sa'haf-masu
Gastric ulcer -- skau-sa'haf-razhen
Gastritis -- skau-sa'haf-yonshaya
Gastroenteritis -- yonshaya t'neik-skaun-ek'u
Gastroenterology -- skau-ek'u-tal
Gastroesophageal reflux -- pla'yamaya t'skaun-sa'haf-tuhllar
Gastrointestinal tract -- neik-skaun-ek'u
Gastropod -- ek'ash'ya
Gasworks -- pa-tukh-kebitra
Gate (n.) -- temep
Gatekeeper -- temep-dvinsu
Gatepost -- temep-lehk
Gateway -- temep-sharu
Gather -- hoknau
Gathering -- hohnaya
Gauge (n.) -- mik-yal
Gavage -- mev-yeman
Gear (n.) -- zuh-halek (mechanical); tanovau-tukh (supplies)
Gel -- khlup, khlupau
Gem -- ek'zer
Gender -- guv
Gender identity -- guv-sha'es
Gene -- tol
Gene flow -- tol-yumaya
Gene pool -- tol-patra
General -- pa'es-, paik (adj.); kahr-lan (rank)
General adaptation -- pa'es-rubilaya
General anesthesia -- ek'ashan-ne-meil
General diameter -- pa'es-fna-thon
General position -- pa'es-rak
Generate -- fer-tor
Generator -- ferek
Genesis -- tveshu (origin); storaya (creation)
Genetic -- tol-, tolik
Genetic code -- tol-kiht
Genetic disease -- tol-has
Genetic engineering -- tol-mish-tal
Genetic marker -- tol-ulidek
Genetics (study) -- tol-tal
Genitalia, External -- si-guv-kruslar
Genome -- tol-var
Genotype -- tol-ves
Genus -- komak
Geochemistry -- solektra-meil-tal
Geodesic -- skonn-zehlik
Geohydrology -- ne'rak-masu-tal
Geology -- solektra-tal
Geomagnetic activity -- solektra-seshan-toran
Geomagnetism -- solektra-seshan
Geometric distribution -- khlop-thon-sagan
Geometric sequence -- khlop-thon-zehlanaya
Geometric series -- khlop-thon-weizehl
Geometry -- khlop-thonik su'us-ek'tal
Geomorphology -- solektra-shid-tal
Geophysics -- solektra-tor-tal
Geophyte -- ne-lesh-kastik
Geosuture -- kovtav-ragel-shal
Geriatrics -- shakhu-tal
Germ -- talvot
Germanium -- tovek-tukh
Gerontology -- shakhuva-tal
Gestation -- sundef-wak
Get -- prah
Get back -- zaprah
Get by -- panavau
Geyser -- masu-pohshuk
Ghost -- tam'a (anc.)
Giant (n.) -- masuk'veh
Gift -- tan (present); ta'an (older form for very valuable items)
Gigantic -- masuk'
Gill -- masu-eshaneke
Gingiva -- zud-nalatra
Gingivitis -- zud-nalatra-yonshaya
Girl -- ko-kan
Give -- tan-tor
Give access -- throks (anc.)
Given, to be -- putan-tor
Gizmo -- zuvel
Glaciation -- (ek')le-suma-wein
Glacier -- dvun-le-sumatra
Glaciology -- le-suma-tal
Gland -- pi'nafek
Glass -- makh
Glassblower -- makh-salursu
Glasses (spectacles) -- (bezhun-)zaneshu
Glassmaker -- makh-zhuksu
Glaucoma -- (ritsuri) bezhun-ne'hish-nosh
Glow -- vihk
Globe -- ek'tra-dukal
Globular cluster -- dukal-yel-travek
Glossalgia -- lahv-kusut
Glossitis -- lahv-yonshaya
Glottis -- spes-vel
Glut -- min, min-tor
Glucose -- nen-slor-tukh
Glucosuria -- ritsuri-nosh t'nen-slor-tukh svi'vazh
Glut -- (pid-)mau-tan
Gluteus -- pla'krus-dvunek
Glutton -- (yem-)-mausu
Glycosuria -- pid-nosh t'slor-tukh svi'vazh
Gneiss -- thrakh (anc.)
Gnomon -- kruhk
Go -- hal-tor
Goal -- terai
God -- ekon; Oekon
Gold (n.) -- kin-tukh
Gold foil -- kin-tukh-thalv
Gold leaf -- kin-tukh-mor
Golden -- kin-kur
Goldenrod (color) -- yelas-kur
Gonad -- guv-nafek
Gonadotropin -- dau-tukh t'guv-nafek
Gong (n.) -- kep
Good -- rom
Goofy -- duh-, duhik
Googol -- teh-ris-su'us
Gorn (being/language) -- Gornarsu
Grab -- runem, runem-tor
Graben (geol.) -- dvun-zehl-treshaya
Gradient -- vulak
Grain -- yartik
Grammar -- zhit-isan
Granite -- zasuhl (anc.)
Grant (v.) -- vahl
Graph -- sfek-besan (n.), sfek-bes-tor (v.)
Graphite -- lerash-nol-tukh
Grasp -- ruskaraun, ruskaraya
Grass -- yar
Grassland -- yartra
Grave (n.) -- shi'vukhut
Gravel -- krus-kov
Gravimeter -- ne-seshan-thonek
Gravimetric pulse -- seshilan-sagaya
Gravimetric scanner -- seshilan-glashayek
Gravimetric shear -- seshilan-eitaya
Gravitic mine -- seshu-ip-thorshek
Graviton -- sesh'gal
Graviton beam -- sesh'gal-zehlek
Graviton field -- sesh'gal-vunai
Graviton stabilizer -- sesh'gal-tihatilayek
Gravity -- ne-seshan
Gray -- zhai-kur
Gray matter -- zhai-nalatra
Great -- lo'uk
Greater than (math.) -- weht do
Green -- yar-kur
Greenhouse -- kastik-kel
Greenhouse effect -- kastik-kel-daya
Greenhouse gas -- pa-tukh t'falek-pash
Greenstick fracture -- treshau-shaya (TGV), treshaya (MGV)
Greet -- na'shau
Greeted, to be -- puna-shau
Greeting -- na'shaya
Grenade -- lehm-thorshek
Grid (n.) -- vis
Grief -- tushat
Grind (v.) -- grazhau
Grinder -- grazhayek
Groin -- neikah
Gross anatomy -- nen-vukhut-tal
Ground -- solektra
Ground cover -- lap-solektra-wein
Ground layer -- kas-solektra-tin
Groundwater -- ne'rak-masu
Group (n.) -- travek
Grove -- pi'laptra
Grow -- to'ovau
Growing season -- to'ovau-tevun-yonuk
Growth -- to'ovaya; to'ovak (biol., med.)
Growth hormone -- to'ovau-dau-tukh
Growth regulator -- to'ovau-kratexek
Guard -- klashausu (n.), klashau (v.)
Gubernaculum -- pihlor-vel
Guest -- be'hai'la (anc.)
Guide -- kakhartau (v.); kakhatayek (mech.), kakhatausu (person)
Gulf (ocean.) -- suk'tchol
Gullet -- yokul-mev
Gum -- lag
Gums (mouth) -- zud-wadi
Gun -- pooshayek (TGV), pooshkek (MGV)
Guyot -- masutra-pa'ash-kunel
Gymnosperm -- riwein-nei-kastik
Gynecologist -- ko-hassu
Gynoecious -- ko-gohik
Gynoecium -- ko-svai-krus
Gypsum -- aukh (anc.)
Gyrodynce relay -- pada-toranu-gol'dvunek
Gyromagnetic stabilizer -- pada-seshan-tihatilayek
Gyroscope -- vo'ekti-padanek
Habit(s) -- es'merka (anc.)
Habitat -- ha'kiv-shal
Hafnium -- dzhanya'an-tukh
Hail (n.) -- masu-kov
Hair -- isach (single strand), isachya (multiple strands)
Hair follicle -- isach-kal
Half -- ulef (anc.)
Half-life -- ulef-ha'kiv
Halite -- alem-kov
Hall, Hallway -- tvur
Hallux -- wuh'rak gof
Halo -- pau
Halophilic -- alem-ashauk
Halophyte -- alem-solektra-kastik
Hammada (geol.) -- salan-fleit-skonn
Hammer -- mah-vel (n.), mah-tor (v.)
Hand -- el'ru (anat.); elek (clock, gauge)
Hand grenade -- (el'ru)-lehem-thorshek
Hand phaser -- el'ru-wek-zehlek
Handle (n.) -- el'rek
Hang -- geldau, geldaya
Hangar -- hali-kel
Happen -- pavesh-tor
Happy -- kunli(-)
Harass -- smertau
Harassment -- smertaya
Hard -- lerash(-)
Harden -- lerashau
Hardness -- lerash'es
Harm (v.) -- klaw
Harmonic coordinate -- kril-shi-kethel
Harmonic distribution -- kril-sagan
Harmonic equation -- kril-vo'ihn
Harmonic function -- kril-kek
Harmonic number -- kril-su'us
Harmonic sequence -- kril-zehlanaya
Harmonic series -- kril-weizehl
Harmony -- kril'es
Hassium -- leh-keh-tukh
Hat -- taik (modern, military, etc.), patam-sai (traditional)
Hatch (n.) -- thro-svep
Hate (n.) -- fnu-ven (anc.)
Have (own) -- ma
Have (participial) -- ki'
Head (anat.) -- patam
Heal -- hakau
Healer -- hakausu
Healing -- hakaya
Health -- muhl'es
Healthy -- muhl-bosh
Heap (n.) -- tuh
Hear -- zhu-tor
Heard, to be -- puzhu-tor
Hearing (med.) -- zhu
Heart -- khaf-spol
Heart attack -- khaf-spol-mahai
Heart chamber -- tvi-shal t'khaf-spol
Heart failure -- khaf-spol-vravshaya
Heart rate -- khaf-spol-tav
Heart valve -- khaf-spol-spunek
Heartbeat (rhythm) -- nel-dath t'khaf-spol
Heartburn -- skaun-yon
Heat -- falek, falek-tor
Heater -- falekek
Heaven -- oigen
Heavy -- ras (anc.)
Hectagon -- teh-vla
Heel (n.) -- timut
Height -- pidek
Hekistotherm -- pid-samek-kastik
 Held, to be -- pumeskarau
 Helicopter -- da-rala-hali
 Heliophyte -- ek'ha'gel-kastik
 Helium -- tahal-tukh
 Helix -- kulan
Hell -- bogozh (anc.)
Helm (station) -- dakhara-shal
Helo phyte -- ulef-masu-kastik
Help -- gol'nev (n.), gol-tor (v.)
Helper -- gol'nevсу
Hemangioma -- khaf-mev-gnal
Hematology -- khaf-tal
Hematoma -- khaf-yarek
Hematuria -- vazh-khaf-nosh
Hemoglobin -- khaf-esh-meil
Hemolytic anemia -- ritsuri-nehaya-nosh t'khaf-meil
Hemophilia -- ritsuri-vihk-nosh
Hemorrhage -- khafaya
Hemostasis -- khafau-pehkaya
Hepatitis -- nehasamek-yonshaya
Hepatology -- nehasamek-tal
Hepatoma -- nehasamek-gnal
Heptadecagon -- leh-steh-vla
Heptagon -- steh-vla
Herb -- bar-got (anc.)
Herbivore -- kastik-yokulsu
Herd (n.) -- kuht
Here -- la, la'
Hereditary -- samekhik
Heretic -- ak'spra (anc.)
Hermaphrodite -- on-kuvsu
Hermaphroditic -- on-kuvik
Hernia -- faka
Herpetology -- ukraluk-tal
Hesitation -- vaunah
Hesperidium -- duf-krus-savas
Heterochrony -- natya-wak-vin
Heterogamete -- natya-guv-nala
Heterogamy -- natya-guv-kanashivaya
Heteromorphic -- natya-shidik
Heterophylly -- natya-mor-nosh
Heterosis -- rish-hakar
Hexadecagon -- leh-sheh-vla
Hexagon -- sheh-vla
Hexahedron -- sheh-muk
Hexoctahedron -- sheh-oh-muk
Hexose -- sheh-slor-tukh
Hiatus -- sharu (med.); tin-svi'shaya (geol.)
Hiccup -- huhk, huhk-tor
Hide (v.) -- ip-sut (anc.)
Hidden (adj.) -- ip-, ipik
High -- pid
High plain -- pid-eiktra
High tide -- pid-mashen
High-water interval -- svi-wak t'pid-masu
High-water mark -- ulidar t'pid-masu
Highland(s) -- pid-shaltra)
Hill -- kunel
Hilum -- tersau-ulidar
Hindsight -- za-glan
Hinge (n.) -- tu'adayek
Hip -- gaf
Hirsutism -- isach'es-nosh
Hiss -- shisy, shisau
Histochemistry -- numo-kelek-tal t'nala eh nalatra
Histology -- numo-kelek-tal
Historic -- vesht-varik
History -- vesht-var
Hit -- kwul, kwul-tor
Hoax (n.) -- tasadi
Hodgepodge -- pa-rish
Hold -- meskarau, meskaraya
Holding cell -- potau-tvi-shal
Hole -- razh
Holmium -- te'rikh-tukh
Holo-emitter -- reh-bikuv-sayek
Holodeck -- reh-bikuv-sutauk
Hologram (object or non-sentient being) -- reh-bikuv
Hologram (image of sentient being) -- reh-bikuvsu
Holographic projector -- reh-bikuv-salehmek
Holomatrix -- reh-bikuv-viskulan
Holy -- vai
Home -- ha-kel
Homeostasis -- tihet-vo'ektilahr-venek
Homosexual (n., male) -- sa-ka-ashausu
Homosexual (n., female) -- ko-ka-ashausu
Honest -- trau
Honesty -- trau'es
Honor -- dor, dor-tor
Honorably -- dorli (anc.)
Honored, to be -- pudor-tor
Hook -- fash
Hook (n.) -- kik
Hope -- rok, rok-tor
Horizon -- ir-zehl
Horizontal -- yutik
Horizontal fault -- yutik dvun-zehl
Hormone -- dau-tukh
Horn (of an animal) -- stonn
Horotely -- bov-wakrubaya
Horripilation -- isachya-shen
Horst (geol.) -- dvun-zehl-shen
Hospital -- shi'has
Host (n.) -- kasu
Hot -- fal
Hour -- wadan
House -- kelek
How -- uf
Howl -- vlut (n.), vlur (v.)
Huge -- masuk'
Hull -- vukh
Human (adj.) -- komihn
Humerus -- abru-kar-hinek
Humid -- sov-masupik
Humidity -- sov-masu'es
Humification -- ha-solek-storaya
Humus -- ha-solek
Hunger (n.) -- avon (anc.)
Hunger (v.) -- avon-telik (anc.)
Hungry -- k'avon
Hurricane -- suk'masutra-eshu'a
Hurt (to injure) -- dash-tor
Husband -- sa-telsu
Hyaline -- makhir
Hyaline cartilage -- nen-rihinek
Hybrid -- rish-ha-vel
Hybrid vigor -- rish-hakar
Hybrid zone -- rish-ha-shal
Hydraulic action (geol., physics) -- dvun-masu-torai
Hydraulics (study) -- masu-mish-tal
Hydremia -- ritsuri-pid-tavat t'khaf-masu
Hydric -- pid-masu'es-kasik
Hydroclastic rock -- masu-torai-koiv
Hydrodynamics -- masu-dvun-tal
Hydrogen -- masu-tukh
Hydrolith -- samasu-kov
Hydrolologic(al) cycle -- masu-da-nel
Hydrology -- masu-tal
Hydrolysis (biochem.) -- tukh-masu-folaya
Hydrometeorology -- sov-masu-tal
Hydrometer -- masu-thonek
Hydronephrosis -- ritsuri-masu-sa'ovaya t'kapol-nafek
Hydrophobia -- masu-phalt
Hydrophyte -- pid-masu'es-kastik
Hydroponics -- risolek-to'ovayek
Hydrospanner -- vunai-mish-raul
Hydrosphere -- masu-e'kshal
Hydrostatics -- masu-shom-tal
Hydrothermal deposit -- fal-masu-titaya
Hygrometer -- sov-masu-thonek
Hygrophilous -- masu-shal-ashauk
Hygroscopic nucleus -- svitan-vel t'masu-shidau
Hygroscopic water -- solek-potau-masu
Hyoid bone -- lahv-hinek
Hyperbaric chamber -- tvi-shal t'pid-sov-ne'hish
Hyperbola -- pidvalu
Hyperbolic geometry -- pidvalu-khlop-thonik su'us-ek'tal
Hyperbolic plane -- pidvalu-pa'ashtra
Hyperbolic point -- pidvalu-sfek
Hypercapnia -- pid-nosh t'dah-eshu t'nol-tukh svil'kahf
Hyperemia -- pid-shal-khaf
Hypergeometric distribution -- pid-khlop-sagan
Hypergeometric function -- pid-khlop-kek
Hypergeometric series -- pid-khlop-weizehl
Hyperglycemia -- pid-nosh t'khaf-slор-tukh
Hypernea -- sahris-eshan
Hyperopia -- za-thakau-nosh
Hyperpigmentation -- ritsuri-pid-nosh t'wadi-kur
Hyperplasia -- pid-krus-storaya
Hyperpyrexia -- ritsuri-pid-nosh t'vukhut-falek'es
Hypertension -- pid-khaf-ne'hish
Hypertrophy -- krus-sukaya
Hypervelocity impact -- kwul t'dan-pid-threshan
Hyperventilation -- nuh'mau-eshan
Hyphen -- pakh
Hypogeal -- ne-solektra-hatik
Hypoglossal nerve -- vinem-lahv-wel
Hypoglycemia -- neik-nosh t'khaf-slор-tukh
Hypolimnion -- glu-masu-tin t'suk'muzh
Hypopigmentation -- ritsuri-neik-nosh t'wadi-kur
Hypoplasia -- neik-krus-storaya
Hypospray -- pa-vipohtek
Hypotension -- neik-khaf-ne'hish
Hypotenuse -- sames-vulu-zehl
Hypothalamus -- is-lof-svitan
Hypothesis -- ul-wihka
Hypoxia -- nuh'neik-esh-tukh svil'khaf
Hysterectomy -- sudef-snem

Ice -- le-suma (anc.)
Ice age -- le-suma-pal
Ice floe -- le-suma-marshak
Ice shelf -- le-suma-eiktra
Iceberg -- (masutraik) le-suma-vel
Ictus -- mahai
Ideal (n.) -- tangu
Ideal number -- tangu-su'us
Ideal point -- tangu-sfek
Identical -- ka
Identical twins -- t'dahsular s'ka-yu-mur
Identification -- shasutan
Identify -- shasutan-tor
Identity -- sha'es
If -- kuv
Igneous rock -- zul-kov
Ignite -- yon-tor
Igniter -- yonek
Ignition -- yonan
Ignore -- bau-tor
Ignored, to be -- pubau-tor
Iliac artery -- uzh-khaf-mev t'neik-vukhut
Iliac vein -- os-khaf-mev t'neik-vukhut
Ill -- has-bosh
Illness -- has-mar
Illogical -- riolzhiikaik
Image -- glakuv, glakuvau
Imaginary -- glenon-, glenonik
Imaginary number -- glenon-su'us
Imaginary point -- glenon-sfek
Imagination -- glenonaya
Imagine -- glenonau
Imitate -- va'amau
Immature -- rivin-, rivinik
Immediate(ly) -- iyi
Immiscible -- rirish-yehat
Immune -- tefosh-, tefoshik
Immune response -- tefosh-kesaya
Immune system -- tefosh-torektra
Immunity -- tefosh'es
Impact -- kwul, kwul-tor
Impede -- rashertau
Implant -- vishitau, vishitaya
Important -- yauluhk (anc.)
Impregnate -- viyatau
Improptu -- rikoplan-, rikoplanik
Impulse drive -- kwitau-yeturek
Impulse engine -- kwitau-mishu
Impulse flow regulator -- kwitau-yumau-pakhartayek
In (prep.) -- svi'
In situ -- tvi-shitik (med.); svi'rak
In utero -- tvi-sudefik
In vitro -- saha-velik
In vivo -- tvi-ha-velik
Inactive -- yukup-, yukupik
Incision -- nesh
Incite -- tauvolau
Incline -- vul, vul-tor
Inclinometer -- galat-thonek
Include -- vinam-tor
Inclusion -- vinam
Inclusion map -- vinam-besan
Indeed -- sprah
Indehiscent -- rinei-savas-tu'ashik
Independence -- tikopah (anc.)
Index -- nakh, nakh-tor
Index finger -- kehr-ozh
Indicator -- yal
Indigenous -- salatik
Indigo -- mu'pla-kur
Indium -- nuhsh-tukh
Individual (person) -- wuhsu
Indolent -- vohris-storaya
Induce -- vimevilau
Inducer -- vimevilayek
Induction -- vimevilaya
Induction grid -- vimevilau-vis
Induction modulator -- vimevilau-nakhtilayek
Induction stabilizer -- vimevilau-thetilayek
Induration -- lerashaya
Inertial damper -- kahla-fishek
Infant -- kan-bu
Infarction -- tev-nalatra-storaya
Infection -- vivotaya
Infertile -- rikanashik
Infinite -- va'; vaik
Infinity -- va'es
Inflammation -- yonshaya
Inflate -- visovau
Influent -- vi-yumuk
Inflorescence -- wek-svai-velek
Information -- ro'fori (anc.)
Infructescence -- wek-savas-velek
Infusion -- viswashaya
Ingest -- yokul
Inguinal hernia -- neikah-faka
Inhalation -- vi'le-eshan
Inhale -- vi-esh-tor
Inherent -- tvi-keshik
Inhibit -- netehnovau
Inhibitor -- netehnovayek
Initiator -- palikayek
Inject -- vipohshau
Injection -- vipohshaya
Injector -- vipohshayek
Injure -- dash-tor
Injury -- dash
Ink (n.) -- neshuk
Inner -- tvi-, tvik
Inner ear -- tvi-kaluk
Inner hatch -- tvi-thro-svep
Inoculation -- vi-kasaya
Inoculum -- vi-kas
Insect -- ravot
Inselberg (geol.) -- sa'awek-koval
Inside -- svi'; svi'udish
Insignia -- terseht
Insignia communicator -- terseht-sviribayek
Inspiration -- vi'le-eshan
Insemination -- sa-neitaya
Instability -- rifihe't'es
Institute (n.) -- trahokna
Institution -- trahokna
Insulin -- slor-dau-tukh
Insult (v.) -- wahtau
Intake (mech.) -- prah-vel
Integer -- ek'su'us
Integral (n.) -- ketil
Integral calculus -- ketilik pitch-su'us-ek'tal (TGV), ketil-su'us-ek'tal (MGV)
Integral equation -- ketil-vo'ihn
Integrate -- ketilau
Integration matrix -- ketilau-viskulan
Integrator -- ketilayek
Integrity -- ket'e's
Integumentary system -- ek'wadi-torektra
Intellect -- kash-to-vel (anc.)
Intelligent -- kash-tok (anc.)
Intensity -- flan'es
Intercept -- fnakau, fnakaya
Intercom -- tvi-sviribayek
Intercom system -- tvi-sviribau-torektra
Intercom unit -- tvi-sviribau-kebi
Intercooler -- tvi-samuyek
Interest (n.) -- set'ko
Interesting -- set'ki
Interface (n.) -- tvihanek
Interfere -- snerta
Interior angle -- tvi-vulu
Interlink -- tvinaf
Intermittent -- rilik
Intermittent stream -- rilik pilash
Intermix chamber -- rish-folau-tuhlek
Internal combustion engine -- tvi-yontau-mishu
Internal injury -- tvi-dash
Internal organs -- tvi-nafeklar
Internal security monitor -- tvi-shar-glantayek
Internal transporter node -- tvi-ifisek-kal
Interphase -- tvi-wek
Interphasic coil spanner -- tvi-wekik pakuv-mish-raul
Interplexing beacon -- tvi-wehkilau-glaribek
Interrupt -- svi-shau
 Interruption -- svi-shaya
Intersect (v.) -- tvimesau
Intersection -- tvimesaya
Interstice -- tvi-stukh
Interval -- tvi-eku (math.); tvi-wak (pause)
Intestine -- pekh-mev
Into -- vi'
Intraosseous -- vihinekik
Intravasation -- vimevaya
Intravenous -- viosik
Introduce -- ragtau
Introduced, to be -- puragtau
Introduction -- ragtaya
Intrude -- vi-kwitau
Intrusion -- vi-kwitaya
Invent -- fereik-tor
Invention -- fereik-vel
Inventor -- fereiksu
Inverse (adj.) -- abomesauk
Inversion -- abomesaya
Invert -- abomesau
Inverter -- abomesayek
Investigate -- men-hil-tor
Investigator -- men-hilsu
Involuntary -- shatipik
Iodine -- nesh-tukh
Ion -- falun-krus
Ion drive -- falun-krus-yeturek
Ion transtator -- falun-krus-mesnoshek
Ionization -- falun-shetaya
Ionsphere -- falun-shetau-ek'shal
Iridium -- ahl-tukh
Iridoncus -- kurak-puv
Iridotomy -- kurak-sharushan
Iris -- kurak
Iritis -- kurak-yonshaya
Iron (metal) -- shek-tukh
Irregular -- ripakhaik
Island -- vikuvtra
Isobar -- ka-ne'hish-zehl
Isodyne relay -- ka-toranu-gol'dvunek
Isohedron -- ka-vla
Isokinetic cannon -- ka-dvun-thorshun
Isokinetic containment field -- ka-dvunik tuhlau-vunai
Isolation hatch -- dahshau-shal-svep
Isolinear buffer circuit -- ka-zehlik fukat-raf-kuv
Isolinear emitter -- ka-zehlik sayek
Isolinear memory chip -- ka-zehlik vokau-val
Isolinear processor -- ka-zehlik patorayek
Isolinear static memory core -- ka-zehlik vit-vokau-tviyan
Isomagnetic conduit -- ka-seshan-mev
Isosceles trapezoid -- dah-kaik wuh-vlavla-vel
Isosceles triangle -- dah-kaik reh-vla
Isotherm -- ka-falek'es-zehl
Isotope -- galu-dahsu
Isthmus -- solektra-naf
Irritant -- ornat (anc.)
Irritate -- ornai (anc.)
Irritated -- orniaga (anc.)
Itch -- drizh, drizh-tor
Itching -- drizhan
Iterate -- ashivau
Iteration -- ashivaya
Iterative evolution -- ashiv-velek-wakrubaya
"J" to "L"

ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU

> J< na' > L<

Jade -- yar-kov
Jar (n.) -- kak
Jaundice -- kur-nosh t'thel'a-zalu-masu svi'khaf
Jaw -- ahs
Jealous -- kis-ka (anc.)
Jeffries tube -- thro-mev t'Dzhefris
Jelly -- khlup
Jewel -- ek'zer (anc.)
Jewelry -- ek'zeru (anc.)
Join together -- terau
Joint (anat.) -- lesek
Joke (n.) -- kha'wal (anc.)
Journey -- halovau, halovaya
Joy -- mak
Jugular vein -- os-khafo-mev t'talu
Juice (med.) -- samasu
Juice, Fruit -- savas-masu
Jump (v.) -- spen-tor
Jungle -- nu'ri-masu-laptra
Justice -- yeht-gav

Kaleim -- spoh-tukh svi'khaf
Karst plain (geol.) -- bogosh-eiktra
Karyokinesis -- nala-dahsay
Karyolymph -- nala-svitan-masu
Karyolysis -- nala-svitan-nehaya
Karyon -- nala-svitan
Karyotype -- toleta-besan
Keel (ship) -- (masu-hali-)plat
Keep (v.) -- potau
Keratalgia -- bezhun-wadi-kusut
Keratin -- si-ketek
Keratitis -- bezhun-wadi-yonshaya
Keratoderma -- stonn-wadi
Keratopathy -- bezhun-wadi-has
Kernel -- nei-eku
Ketoacidosis -- naless-sash-nosh
Ketone -- naless-(tukh)
Ketone body -- naless-vel
Ketonemia -- ritsuri-pid-nosh t'naless-vellar svi'khaf
Ketonuria -- ritsuri-pid-nosh t'naless-vellar svi'vazh
Ketose -- naless-slor-tukh
Ketosis -- pid-naless-nosh
Key -- tal-muv (anc.); neik-vikuvta (ocean.)
Keyboard -- ozh-svin-math
Kidney -- kapol-nafek
Kill (v.) -- stau
Killed, to be -- pustau
Kind (type) -- ves
Kinesiology -- vukhut-dvun-tal
Kinetic detonator -- dvukwul-thorshayek
Kinetics -- dvunel-has-mar
King -- sa-te'kru
Kinsman -- tomasu
Kiss -- shok, shok-tor
Kitchen -- af'tum (anc.)
Klingon -- Tlingansu
Knee -- mal-nef
Knee joint -- mal-nef-lesek
Kneecap -- mal-nef-hinek
Knife -- lipau
Knob -- elat
Knoll -- pi'kunel
Know -- fai-tor
Knowledge -- fai-tukh
Known (n.) -- fainu
Known, to be -- pufai-tor
Knuckle -- ozh-lesek
Krypton -- l'langon-tukh
Kwashiorkor -- fam-ketek-has
Kyphosis -- tchorka-pla'dor(-nosh)

Labor -- zup, zup-tor
Laboratory -- ek'tal-zup-shal
Laccolith -- patam-zul-koval
Laceration -- nesh
Lack -- fam, fam-tor
LaCoya spanner -- mish-raul t'LaKoya
Lacrimal duct -- bezhun-masu-mev
Lacrimal gland -- bezhun-masu-pl'nafek
Lacrimation -- bezhun-mashaya
Lactase -- thas-skaun-zalu
Lactation -- thasaya
Lactiferous duct -- thas-mev
Lactose -- thas-slor-tukh
Ladder -- pu'uth (anc.)
Lagoon -- masutra-muzh
 Lahar -- fai-vrel-yumaya
Lake -- suk'muzh
Lamina -- thalv-velek
Laminate (adj.) -- tinik
Lamp (elect.) -- ha'gelek
Lamp (with fuel and wick) -- yonet
Lampblack -- nol
Lance (n.) -- li-wun
Lanceolate -- li-wun-shidik
Land (n.) -- solektra (ground); shasol (nation)
Landing bay -- fisolekau-sutauk
Landslide (rock and soil) -- solek-skish
Landslide (rock only) -- kov-skish
Language -- gen-lis (anc.)
Lantern -- (makh-)yonet
Lanthanum -- vrodak-tukh
Laparoscope -- feshek-zan-vel
Laparotomy -- feshek-sharushan
Large -- suk
Laryngitis -- shi'spes-yonshaya
Laryngopharynx -- neik-drahk
Larynx -- shi'spes
Laser -- ha'zehlek
Laser cannon -- ha'zehlek-thorshun
Last -- kim-shah (adj.); palesh-tor (v., endure)
Latch (n.) -- kuhr
Late -- tab-ma (anc.)
Lateral impulse control system -- vlaik kwitau-tash-torektra
Lateral impulse thruster -- vlaik kwitau-kwitek
Latex -- kas-wan-tukh
Lathe -- da-skrimek
Lattice -- nentu-vis
Launch -- spusau, spusaya
Launch bay -- spusau-sutauk
Launch sequencer -- spusau-zehlanayek
Launched, to be -- puspusau
Lava -- zul
Lava flow -- zul-yumaya
Lava lake -- zul-muzh
Lava tube -- zul-ur
Lavender (color) -- pulu-kur
Law -- to-gav (anc.)
Lawrencium -- nau-tukh
Lay -- ti
Layer -- tin
Lazy -- kas'el (anc.)
Lead (metal) -- ras-tukh
Lead (v.) -- fulag-tor
Lead, to be -- pufulag-tor
Lead-acid battery -- ras-sash-kipof
Leaf -- mor
Leaflet -- wuh-mor-krus
Leak -- tasau, tasaya
Lean -- galat, gal-tor
Learn -- oren-tor
Least, At -- k'puu (anc.)
Leather -- duf
Leave -- brasha
Lee wave -- hayal-sov-pral
Left (direction) -- los'rak
Leg -- mal
Legacy -- visak'a (anc.)
Leisure -- el-wak
Length -- wu-vath
Lengthen -- wuvau
Lens -- gelek
Lentic -- hayal-masutik
Lenticular -- dah-si-gelekik
Lepidote -- pi'wef-weinik
Lepis -- pi'wef
Leptodermous -- wonil-wadilik
Lesbian (n.) -- ko-ka-ashausu
Lesion -- sval
Less -- ten
Less than (math.) -- ten do
Lesson -- tupa
Let -- kal-tor
Letter (alphabet) -- zun
Leukocyte -- wan-khaf-nala
Leukoplakia -- wan-shal-bosh t'nala-tin
Leukotrichia -- wan-isachya-bosh
Levator (anat.) -- ashenek
Levee (n.) -- pamashok
Level -- vok, vok-tor; vok-, vokik
Liane, Liana -- man-kastik
Librarian -- dunapsu
Library -- sh'dunap
Library computer -- oska-tum-vel
Lie (on) -- ti
Lieutenant (naval/Starfleet) -- ot-lan
Lieutenant (army/marine) -- wuh-lan, fosh-lan
Lieutenant commander (Starfleet) -- tra-lan
Life -- ha'kiv
Life cycle -- ha'kiv-da-nel
Life support -- ha'kiv-nenikaya
Lifeboat -- rishan-hali
Lifeform -- ha-vel
Lifepod -- rishan-tvi'haf
Lift (v.) -- aberau
Ligament -- hinek-tersayek
Light (not dark) -- ha'gel(-)
Light (weight) -- ta'hal
Light blue -- ha'pla-kur
Light bulb -- ha'gelek
Light green -- ha'yar-kur
Light panel -- ha'gel-math
Lighthouse -- (masu-)ha'zehl-keI
Lighting -- ha'gelan
Lightning -- igen-wesh
Like -- tishau, tishaya
Likely -- kesik
Limb (anat.) -- sikrus
Limb (botany) -- (lap-)kar
Limbic system -- zherka-torektra
Limestone -- vom-tukh
Limit (n.) -- grei
Limit point -- grei-sfek
Limnology -- slor-masu-tal
Line (n.) -- zehl
Line element -- zehl-velak
Line segment -- zehl-krus
Linear algebra -- zehlik seht-su'us-ek'tal
Linear equation -- zehl-vo'ihn
Linear group -- zehl-travek
Linear intermix system -- zehlik rish-folau-torektra
Linear intermix chamber -- zehlik rish-folau-vel
Linear operator -- zehl-el'torayek
Liner, Ocean -- masutra-su-yata
Linguistics -- gen-lis-tal
Lining -- tvitaya
Link -- naf, naf-tor
Linked, to be -- punaf-tor
Lint -- saizhiv
Lip -- bru
Lipemia -- pid-thel'a-nosh svi'khaf
Lipoma -- thel'upik gnal
Lipoprotein -- thel'a-ketek
Liposarcoma -- thel'a-nala-rasahtra
Liquid -- masu
Liquify -- vimashau
List (lean) -- galat, gal-tor
List (catalog, index) -- feim, feim-tor
Literature -- kitau-tanaf
Lithiasis -- nafek-kov-torvaya
Lithification -- kovtaya
Lithium -- pim-tukh
Lithosphere -- kov-ek'shal
Lithuresis -- kov-vazhaya
Little -- pi'
Little finger -- wuhr-ozh
Littoral (area) -- mashesn-shahov-shal
Littoral (system) -- gef-glue's
Live (v.) -- ha-tor
Live (a long time) -- dif-tor
Liver (anat.) -- nehasemek, nehamasau-nafek
Liverwort -- yekvat
Load -- tus, tus-tor
Loaded, to be -- putus-tor
Loam -- makrizhiv
Lobe -- shal-kal
Locate (v.) -- tal-tor (find); shitau (put into place)
Located, to be (situated) -- shiyau
Location -- shi
Lock (n.) -- klachek
Lock (v.) -- klacha
Locus -- eku-svitan
Loess (loess) -- salan-sal-titaya
Logarithm -- talashenek
Logarithmic distribution -- talash-sagan
Logarithmic integral -- talash-ketil
Logarithmic number -- talash-su'us
Logarithmic spiral -- talash-kulan
Logic -- olozhika
Logical -- olozhikaik
Long -- wu
Long-lasting (adj.) -- wu-palesh-, wu-paleshik
Long-term (adj.) -- wu'nil-, wu'nilik
Longevity -- difan'es (lifespan); wu'nil'es (lasting)
Look -- glazhau
Loop (n.) -- paku
Loose -- thal
Lore -- kethra
Lose -- pak-tor
Loss -- pak
Lost -- paki-, pakik
Lost, to be -- pupak-tor
Lotic -- ymuau-masutik
Loud -- ral
Love -- ashau, ashaya
Low -- neik
Low tide -- neik-mashen
Low-water interval -- svi-wak t'neik-masu
Low-water mark -- ulidar t'neik-masu
Lower (adj.) -- weh-ne-, weh-neik
Lower (v.) -- ne-tor
Lower factorial -- weh-ne-klayanek
Lower integral -- weh-ne-ketil
Lower limit -- weh-ne-grei
Lower sum -- weh-neik hau-ov
Loyal -- fonn
Loyalty -- fonn'es
Lumbago -- ne-pla'dor-kusut
Lumbar nerve -- ne-pla'dor-wel
Lumbar vertebra -- ne-pla'dor-hinek
Luminescence -- dakh-ha'tanaya
Lump -- vihk
Lunar eclipse -- aikum-ek'duv
Lunar regolith -- aikum-solek
Lunch -- khi-gad-yem
Lune -- tvimesau-kes-krus
Lung -- esh-sa'ha(TGV), eshaf (MGV)
Lutetium -- kern-tukh
Lymph -- yak(-masu)
Lymph node -- yak-kai
Lymph vessel -- yak-mev
Lymphocyte -- yak-nala
Lymphoma -- yak-gnal
Lysosome -- skaun-pi'vel
"M" to "R"

ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU

> M< na' > R<

Machine -- mish-vel
Macroclimate -- suk'shal-ek'nosh
Macrophage -- suk'yokul-nala
Madness -- so-resh (anc.)
Magenta -- mol-kur
Magma -- (tvi-)zul
Magma chamber -- zul-tvi-shal
Magnathrust propulsion unit -- datau-kebi t'seshan-kwit
Magnesium -- wal-tukh
Magnet -- seshan-kov, seshan-vel
Magnetic -- seshan-, seshupik
Magnetic activity -- seshan(-vunai)-toran
Magnetic anomaly -- seshupik flekh'es
Magnetic constrictor -- seshan-khluhkeyek
Magnetic field -- seshan-vunai
Magnetic field drive -- seshan-vunai-yeturek
Magnetic field intensity -- karik' es t'seshan-vunai
Magnetic plasma guide -- seshan-snazh-kakhartayek
Magnetic repulsor -- seshan-kwitayek
Magnetic seal -- seshan-fen
Magnetic storage bottle -- seshan-korsau-tuhlek
Magnetism -- mokev-seshan
Magnetite -- seshan-tukh
Magnetometer -- seshan-thonek
Magnetosphere -- seshan-ek'shal
Magnifier -- sukmakhayek
Magnify -- sukmakhau
Magnitude -- pul'es
Mail -- sakat, sakat-tor
Main archives -- nen-oska
Main armory -- nen-wun-shal
Main bridge -- nen-tash-svitan
Main computer processor -- nen-patorayek t'tum-vel
Main engineering -- nen-mish-sutauk
Main gangway hatch -- nen-tho-svep t'tho-yut
Main viewer -- nen-gluvayek
Maintain -- rompotau
Maintenance -- rompotaya
Maintenance shop -- rompotau-zup-shal
Major (rank) -- tra-lan (anc.)
Make -- tor
Male -- sa; sa(-), sayik
Malodorous -- rasvil-, rasvilik
Mammary gland -- thas-pi'nafek
Man (n.) -- sasu
Manage -- khartau
Manager -- khartausu
Mandible -- neik-ahs(-hinek)
Manganese -- shel-tukh
Manganese nodule -- kov-dukal t'shel-tukh
Mangrove forest -- alem-flash-laptra
Mangrove swamp -- alem-flash
Manifold -- wehk-vel
Manipulate -- el'tanarau
Mankind -- Komihntra
Mantissa -- teh-krus t'talashenek
Mantle (geol.) -- tvi-kovtra
Manual (adj.) -- el'rupik
Manual control -- el'rupik tash(ek)
Many -- wehk
Map (n.) -- besan
Map (v.) -- besau
Margin (n.) -- riikal
Marine biology -- masutra-ha-tal
Mark -- ulidar, ulidau
Marked, to be -- pu'ulidau
Marker -- ulidek
Marker beacon -- ulidau-glaribek
Marker buoy -- ulidayek
Marl -- vom-krizhiv
Maroon (color) -- nev-kur
Marriage -- kun-ut
Marriage challenge -- kun-ut kali-fi (anc.)
Marriage proposal -- kun-ut so'lik (anc.)
Married -- telik
Marrow (bone) -- hinek-masu
Marsh -- masu-kastra
Martyr -- trefem; trefei
Martyred, to be -- putrefei
Mask (n.) -- limein
Mass (physics) -- shivak
Massive -- masuk'
Mast (ship) -- mashalo-thalv-lap
Master -- trensu; tren-tor
Mastery -- tren
Mat (n.) -- pev (anc.)
Mate (v.) -- katelau
Material -- tukh
Mathematics -- su'us-ek'tal
Mating -- katelaya
Matriarch -- pid-kom
Matrix -- viskulan
Matrix inverter -- viskulan-abomesayek
Matter (material) -- tukh
Matter gain -- tukh-nazh
Matter/antimatter reactor -- folayek t'tukh-tehn-tukh
Matter/antimatter storage facility -- korsau-kebitra t'tukh-tehn-tukh
Mattress -- yuk-vel
Maturation -- vin
Mature (adj.) -- vinik
Mature (v.) -- vin-tor
Maturity -- vin'es
Mauve -- kihsh-kur
Maxilla -- abru-ahs(-hinek)
Maximize -- ek'anau
Maximum (n.) -- ek'an
May -- lau
Maybe -- sos'eh (anc.)
Meadow -- ne-yaatra
Meal -- yem
Mean (average) -- bov
Mean (v.) -- tvai
Measure (v.) -- thon-tor
Measurement -- thon
Meat -- kahm
Meatus -- ur
Mechanic (person) -- tor-velsu
Mechanism -- tor-vel
Medical -- has-, hasuk
Medical stasis unit -- has-vitau-kebi
Medical tricorder -- has-reh-vipladayek
Medication -- haseret
Medicine (medical field) -- has-tal
Medicine (medication) -- haseret
Meditate -- kohl-tor
Medulla oblongata -- is-lof-svitan
Meet (v.) -- ragel-tor
Meiosis -- ulef-nala-dahsaya
Meitnerium -- leh-kau-tukh
Melanin -- mu-kur-tukh
Melanocyte -- mu-kur-nala
Melanoma -- wadi-rasahtra t'mu-kur-nalalar
Meld (n.) -- nohv
Melkot(ian) -- Melkotsu
Melt (v.) -- klimtau
Member -- kisu
Membrane -- nala-tin
Memory -- vokaya
Memory chip -- vokau-val
Memory core -- vokau-tviyan
Mendelevium -- steh-tukh
Mercuric sulfide -- vlau'u t'masumok-tukh
Mercury (metal) -- masumok-tukh
Merely -- goh
Meristem -- um-to'ovau-nalatra
Meromictic -- kwon-tin-masutik
Mesa -- pa'ash-fiktra
Mesic -- svi-masu'es-kasik
Mesophyte -- svi-masu'es-kastik
Mesosphere -- svitan-sov-ek'shal
Message -- skladan
Messenger -- skladasu
Metabolism -- di'kish-torek
Metacarpus -- svitan-el'ru-hinek
Metal -- mokev (anc.)
Metalworker -- mokevsu
Metamorphic rock -- rubah-kov
Metatarsus -- svitan-ash'ya-hinek
Meteor -- wesh-kov
Meteor shower -- wesh-kov-tevan
Meteorite -- igen-kov
Meteorology -- igen-va-tal
Meter (device) -- thonek
Methane -- keh-masunol-tukh
Methanogenic -- keh-masunol-torvauk
Methanol -- eshu t'keh-masunol-tukh
Methanotroph -- keh-masunol-yokulsu
Methyl -- reh-masunol-tukh
Methylamine -- sovu t'kau-masunol-tukh
Methylene -- dah-masunol-tukh
Methylotroph -- masunol-yokulsu
Metroptosis -- sudef-set
Mica -- timazh-kov
Micro-aerobic -- pi'sov-eshupik
Micro-computer -- numo-tum-vel
Micro-diagnostic table -- numo-satalau-pasu
Microbe -- numo-ha-vel
Microbial -- numo-ha-velik
Microbiology -- numo-ha-tal
Microbiota -- numo-hatra
Microcaliper -- numo-bal-thonek
Microcellular scanner -- numo-nala-glashayek
Microclimate -- pi'shal-ek'nosh
Microdyne coupler -- numo-toranu-teretek
Microinducer -- numo-vimevilayek
Microorganism -- numo-ha-vel
Microphone -- viralashek
Micropower conduit -- numo-tepul-mev
Micropower relay -- numo-tepul-gol'dvunek
Microscope -- numo-zan-vel
Microscopic -- numo
Microseism -- ri-solektra-hutaya
Microsurgery -- numo-sharushan
Microtubule -- numo-pl'mev
Microwave oven -- numo-pral-fasek
Middle -- svitan
Middle ear -- svitan-kaluk
Middle finger -- rehr-ozh
Midpoint -- sviti-sfek
Midrange -- sviti-eik'es
Midrib -- kas-bak, mor-bak
Migrate -- bashan-tor
Migration -- bashan
Might -- lau
Military (n.) -- askital (anc.)
Milk -- thas, thas-tor
Mimic (v.) -- va'amau
Mimicry -- va'amaya
Mind (n.) -- kashek
Mind (v.) -- pohkau
Mind-link -- kash-naf
Mind-meld -- kash-nohv
Minds (in meld, etc.) -- kashkau (anc.)
Mine (explosive) -- ip-thorshek
Mine (v.) -- van-tor
Mine(shaft) -- van-razh
Mineral -- ek'tukh
Mineralogy -- ek'tukh-tal
Minimum (n.) -- ten'an
Minor axis -- tenu-da-sfek
Minus -- teni
Mirror (n.) -- haulat
Mirror image -- haul-glakuv
Mirror plane -- haul-pa'ashtra
Miscible -- vi'rish-yehat
Miss (v.) -- din-tor
Missile -- yon-kliton
Mission (n.) -- skrol
Mistake -- lafosh (anc.)
Mitochondrion -- nala-tepu-vel
Mitogenic -- ek'nala-dahsau-palikauk
Mitosis -- ek'nala-dahsaya
Mitotic spindle -- ek'nala-dahsau-magu
Mix (v.) -- rish-tor
Mix (n.) -- rish
Mixed fraction -- rish-krusek
Mixed woodland -- rish-lap-shal
Mixer (device) -- rishek
Mixture -- rish
Moan -- nau, naya
Mode -- nuk
Modem -- na-sakihtlayek
Modern -- iy'i, iyik
Modify -- rubitau
Modulate -- nakihtilau
Modulator -- nakihtlayek
Module -- natel
Modulus -- natesh
Mogote (geol.) -- vom-kunel
Moisture -- masu'es
Moisture index -- masu-nakh
Molar -- nal-zud
Mold (form) -- kushizhau (v.), kushizh-vel (n.)
Molecular imaging scanner -- galutravek-glakuv-glashayek
Molecule -- galutravek
Molybdenum -- bulom-tukh
Momentum -- dvunelinak
Monadnock (geol.) -- haf-kunel
Money -- donku
Monitor (checking device) -- glantayek
Monitor (viewscreen) -- gluwayek
Monoeious -- ka-kasik
Monomial -- wuh-zial
Monosaccharide -- wuh-slorra-tukh
Monozygotic twins -- t'dahsular s'ka-yu-mur
Monster -- stislak
Montane forest -- suk'kunel-laptra
Montane zone -- suk'kunel-shal
Month -- tevun-krus
Moon -- aikum
Moraine -- kov-guhsh s'dvun-le-suma
More -- weht
Morning -- asal
Morphogenic matrix -- shid-rub-viskulan
Morula -- ten-nala-dukul
Mosaic -- sna-lok (anc.)
Mosaic evolution -- nati-wakrubaya
Mosaic-worker -- sna-lok-zhuksu
Moss -- yekuhl
Most -- dan-, danik
Mother (n.) -- ko-mekh
Motion -- dvunel
Motivate -- dvubolau
Motivation -- dvubolaya
Motive -- dvubolek
Motor (n.) -- mishu
Mountain -- suk'kunel; shi'yon, zul-kunel
Mountain chain -- kunel-maat
Mountain range -- kunel-zehl
Mountain system -- kunel-travek
Mourn -- la'tusa (anc.)
Mourned, to be -- pula'tusa
Mouth -- ru'lut
Move -- dvun, dvun-tor
Move around -- padvun-tor
Move away from -- sadvun-tor
Movement -- dvun
Much -- mau
Mucous membrane -- prash-nala-tin
Mucus -- prash
Mud -- vrel
Mud flat -- vrel-eiktra
Mudflow -- vrel-yumaya
Mudstone -- vrel-kov
Multi-spatial force field -- wehk-stukhik fosh-vunai
Multi-spectral sweep -- wehk-kurtra-fnash
Multidimensional transporter -- wehk-retuka-ifisek
Multifactorial -- wehk-klaik
Multilinear -- wehk-zehlik
Multinomial -- wehk-zhil
Multiphasic scan -- wehk-wek-glashaya
Multiphasic shielding -- wehk-wekik fo-danan
Multiphasic sweep -- wehk-wek-fnash
Multiplexer -- wehkantayek
Multiplication -- wehkovaya
Multiplier -- wehkovayek
Multiply -- wehkovau
Multiseriate -- wehk-zehlik
Multiset -- wehk-eku
Murder -- riyeh-stau, riyeh-staya
Uniform -- dok-temok-shidik
Muscle -- dvunek
Mushroom -- taik-luk
Music -- ralash-tanaf
Musician -- ralash-tanafsu
Mutagen -- tselayek
Mutagenic -- tselau-palikaух
Mutant -- tsel-, tselik; tsel-vel; tselsu
Mutate -- tselau
Mutation -- tselaya
Mutation rate -- tselau-tav
Mute (adj.) -- spes-fam
Myalgia -- dvunek-kusut
Myocardial infarction -- shal-tevakh t'khaf-spol-dvunek
Myocardium -- svitan-tin t'khaf-spol
Mycology -- luk-tal
Myoglobin -- dvunek-esh-meil
Myonecrosis -- dvunek-nala-tevakh
Myopia -- fa-thakau-nosh
Myosarcoma -- dvunek-rasahtra
Myositis -- dvunek-yonshaya

Nacelle -- mishu-leshek
Nacelle support pylon -- nenikau-tersau-vel t'mishu-leshek
Nail (finger, toe) -- felu
Naked -- sai-fam
Name -- ahm, ahmau
Napkin -- ru'lut-sai
Nappe (geol.) -- kov-thalv
Narrow (adj.) -- wonil (anc.)
Narrow (v.) -- wonilau
Nasal cavity -- han-tauk
Nasal septum -- han-temok
Nasal sinus -- han-pi'tauk
Nasolacrimal duct -- han-bezhun-mev
Nasopharynx -- han-drahk
Nates -- pla'kruslar
Nation -- shasol
Native (adj.) -- salatik
Native (n.) -- salasu
Natural -- malatik
Natural equation -- malat-vo'ihn
Natural logarithm -- malat-talashenek
Natural number -- malat-su'us
Natural selection -- malat-dvelan
Naturalized -- malatuvauk
Nature -- malat
Nausea -- slakh
Navel -- kesazh
Navigate -- khara
Navigation -- kharaya
Navigation control panel -- kharai-tash-math
Navigation light -- kharai-ha'gel
Navigational deflector -- kharai-sakwitay
Navy -- mas'u'er
Neap tide -- dan-neik-mashen
Near (adj.) -- be, be'
Near (v.) -- beta
Nebula -- stukh-wan
Necessary -- bolayatik
Necessity -- bolayek
Neck -- talu
Necrosis -- nalatra-tevak
Need -- bolau, bolaya
Needle (n.) -- (og-)lum
Negative (polarity) -- u'arak
Negative charge -- u'arak-falun
Neighbor -- behsu
Nekton -- masutraik numo-mahal-vel
Nematath -- zul-kunel-yut
Neodymium -- dar-tukh
Neodyne light -- uzh-toranu-ha'gel
Neon -- min-tukh
Neonatal -- uzh-keshtik
Neonate -- uzh-keshtu
Neonatology -- uzh-keshtu-tal
Neoplasm -- uzh-rasahtra
Nephralgia -- kopol-nafek-kusut
Nephritis -- kopol-nafek-yonshaya
Nephrolith -- kopol-nafek-kov
Nephrology -- kopol-nafek-tal
Neptunium -- surak-tukh
Neritic -- be-gefik
Nerve (med.) -- wel
Net (n.) -- vis
Network -- vistra
Neural transponder -- wel-vavayek
Neuralgia -- wel-kusut
Neuritis -- wel-yonshaya
Neuro-electric field generator -- vunai-ferek t'wel-raf-tepul
Neuro-electric power cell -- tepul-nala t'wel-raf-tepul
Neurotransmitter -- wel-sasayek
Neuron -- wel-nala
Neurotoxin -- wel-hasam
Neurotransmitter -- wel-sasau-meil
Neutral -- ta'raf (anc.)
Neutrino -- ska'gal
Neutron -- ta'gal
Névé -- maz-izh
Never -- worla (anc.)
Nevus -- kesh-kuraya
New -- uzh
Newborn (child) -- uzh-keshtu
Next -- thurai
Niche -- sha'ti (anc.)
Nickel -- orn-tukh
Nickel-cadmium (NiCad) battery -- orn-stal-kipof
Nidation -- yu-mur-vishitaya
Night -- mu'yor
Night blindness -- mu'gel-glan-fam'es
Nightmare -- yuk-eshu'a
Nimbostratus (cloud) -- tin-masu-wan
Niobium -- lek-tukh
Nipple -- thasek-gonaf
Nitrogen -- sov-tukh
Nitrogen fixation -- sov-tukh-nodolaya
No -- rai; ri
Nobelium -- oh-tukh
Nobility -- thol'es
Noble -- thol
Noble number -- thol-su'us
Nobody -- kling (anc.)
Nocturia -- yuk-vazhaya
Nocturnal -- mu'yor-wakik
Node -- kal
Nodule (geol.) -- kov-dukal
Noise -- ralash
Noise reduction circuit -- raf-kuv t'ralash-netakidaya
No-one -- kling (anc.)
Nonadecagon -- leh-nau-vla
Nonagon -- nau-vla
Nonahedron -- nau-muk
None -- rim
Nonnegative -- riu'rak
Nook (n.) -- sha'ti (anc.)
Nor -- il
Normal -- tsuri
Normal distribution -- tsuri-sagan
Normal equation -- tsuri-vo'ihn
Normal form -- tsuri-shid
Normal function -- tsuri-kek
Normal group -- tsuri-travek
Normal matrix -- tsuri-viskulan
Normal number -- tsuri-su'us
Normal order -- tsuri-zek
Normal plane -- tsuri-pa'ashtra
Normal section -- tsuri-fna-krus
Normal vector -- tsuri-vukharat
Normotension -- tsuri-khof-ne'hish
North -- desh'rak
Nose -- han
Nosebleed -- han-khafaya
Nasiril -- han-sharular
Not -- ri
Notation -- pitohat
Note (n.) -- pitoh
Notice (v.) -- beglanau
Noticed, to be -- pubeglanau
Notochord -- fu-pla'hinek-zehl
Noun -- vel-zhit
Nourish -- yem-tan-tor
Nourishment -- yem-tan'es
Nova (n.) -- thorsh-yel
Now -- i, i'
Nucha -- talu-pla'dor
Nuclear -- galupik
Nuclear physics -- galu-tor-tal
Nucleoplasm -- svitan-nala-tukh
Nucleus (biology) -- nala-svitan
Nucleus (atomic) -- galu-svitan
Nude -- sai-fam
Nuée ardente (geol.) -- zul-kunel-wan
Number (n.) -- su'us (anc.)
Numbness -- rikashan'es
Numerator -- abru-su'us
Nut (botany) -- kov-savas
Nutrient -- yem-tanek
Nutrition -- yem-tan
Nutritious -- yem-tanih
Nyctalopia -- mu'gel-glan-fam'es
Nyctophobia -- mu'yor-phant
Nycutia -- yuk-vazhaya
Nymphomaniac -- riko-guv-aitslen

Oar (n.) -- fel
Oasis -- shi'masu
Obese -- thel'an-, thel'anik
Obesity -- thel'an'es
Object (n.) -- vel
Object (v.) -- kluchi (anc.)
Obligate parasite -- ek'neshehuk
Oblique angle -- luf-vulu
Oblique-slip fault -- vul-dvun-zehl
Obovate -- eik-un-shidik
Observe -- glantau
Observation -- glantaya
Observation port -- glantau-krani
Observatory -- shi'gen-glantaya
Obsession -- ritsuri-wuh-set'ko
Obsidian -- zul-makh
Obstetrician -- ko-kesh-hassu
Obstruction -- klotaya
Obtain -- prah
Obtuse angle -- abru-vulu
Occipital bone -- patam-pla'dor-hinek
Occiput -- patam-pla'dor
Occur -- paresh-tor
Ocean -- masutra
Ocean trench -- (masutra-)glu-spathel
Oceanic -- masutra-, masutraik; sagefik
Oceanography -- masutra-tal
Oceanology -- masutra-mish-tal
Octadecagon -- oh-leh-vla
Octagon -- oh-vla
Octahedron -- oh-muk
Octakaidecagon -- leh-oh-vla
Oculomotor nerve -- bezhun-dvun-wel
Oculus -- bezhun
Oculus dexter (OD) -- gas-bezhun
Oculus sinister (OS) -- los-bezhun
Odd -- flekh; shaik
Odd number -- shaik su'us
Odontalgia -- zud-kusut
Odontiasis -- zudaya
Odor -- vil
Odynophagia -- yontau-vinem-kusut
Of -- t'
Off-white -- be-wan-kur
Offal -- guhsh
Offend -- thrap-tor
Offended, to be -- puthrap-tor
Offense -- thrap
Offer (n.) -- nufai
Offer (v.) -- nufau
Offering -- nufaya
Offshore (adj.) -- sagef-, sagefik
Offshore bar -- gef-mazhiv-zehl
Often -- k'ashiv
Ogee -- oluik-ksa
Oil -- elmin
Ointment -- elmuvak
Old -- os
Old-fashioned -- vesh-nartauk
Olfaction -- fnish-kash-ral
Olfactory center -- fnish-svitan
Olfactory nerve -- fnish-wel
Oligodactyl -- ten-uklar-nosh
Oligodipsia -- ten-mag-nosh
Oligodontia -- ten-zudlar-nosh
Oligotrophic -- glu-kanik
Oliguria -- ten-vazh-torvaya
Oltion coil -- pakuv t'Oltion
Omnivore -- fan-yokulsu
Omphalus -- kesazh
On -- fi'
Once -- wuh'wak
Oncology -- gnal-tal
The Vulcan Language

One -- wuh', wuhkuh; veh
Only -- goh
Ontogeny -- kai-storaya
Onycholysis -- felu-dahshaya
Onychosis -- felu-has
Onyx -- zer-hir
Onyxis -- tvi-felu(-nosh)
Oogenesis -- yu-mur-shidaya
Oophorectomy -- yukal-suem
Oophoritis -- yukal-yonshaya
Ooze (v.) -- stan-tor
Open (v.) -- tu'ash (anc.)
Open interval -- tu'ash-tvi'eiku
Open set -- tu'ash-eku
Open up -- sharush (anc.)
Opening -- sharu (anc.)
Operate (med.) -- sharusha
Operate (run) -- el'torau
Operation -- el'toraya (math., etc.); sharushan (med.)
Operator -- el'torayek
Opposite (adj.) -- mesyut-, mesyutik
Opsonin -- keful-tukh
Opsonization -- kefulaya
Ophthalmectomy -- bezhun-snem
Ophthalmologist -- bezhun-hassu
Ophthalmology -- bezhun-tal
Ophthalmoplegia -- bezhun-shivaya
Ophthalmoscope -- bezhun-zan-vel
Optic nerve -- glan-wel
Optical assembly -- gla-feretai
Optical data network (ODN) -- gla-faik-vistra (GFV)
Optical interface -- gla-tvihanek
Optolithic data rod -- gla-kovik faik-fek
Optronic chip -- gla-ar'kada-val
Optronic data core -- gla-ar'kadaik faik-tviyan
Optronic integrator -- gla-ar'kada-ketilayek
Optronic relay -- gla-ar'kada-gol'dvunek
Or -- il
Orange (color) -- zhar-kur
Orbit (n.) -- pa-yut
Orchard -- lap-bah-ker
Orchidalgia -- sakal-kusut
Orchidectomy -- sakal-snem
Orchiopexy -- sakal-ne-sharushan
Orchis -- sakal
Orchitis -- sakal-yonshaya
Order (n., birth, seating, etc.) -- zek
Order (n., command) -- tran
Order (v., command) -- tran-tor
Ordered pair -- zek-shif
Ore -- van-tukh
Orexigenic -- yeht-avon-ashenauk
Organ (anat.) -- nafek
Organelle -- pikhut
Organic -- hatanik
Organic matter -- hatan-tukh
Organic rock -- ha-guhsh-kov
Organic soil -- hatan-solek
Organism -- ha-vel
Orifice -- sharu
Origin -- tveshu
Original -- tveshik
Originate -- tveshulau
Ornament (n.) -- fanet
Orogeny -- kunel-storaya
Orographic cloud -- suk'kunel-wan
Oropharynx -- ru'lut-drahk
Orthogonal function -- zeh-kek
Orthogonal group -- zeh-travek
Orthogonal lines -- zeh-zehilar
Orthogonal matrix -- zeh-viskulan
Orthogonal transformation -- zeh-mesuvulaya
Orthogonal vector -- zeh-vukharat
Orthopnea -- abruven-esh-nosh
Orthostatic -- yeht-lamanik
Os -- hinek
Oscheocele -- sakal-haf-puv
Osculum -- pi'sharu
Osmium -- um-tukh
Osmosis -- k'fai-sanek
Osmotic pressure -- k'fai-sanek-ne'hish
Osseous -- hinekik
Ossicle -- pi'hinek
Ossification -- hinekaya
Osteitis -- hinek-yonshaya
Osteoblast -- hinek-storau-nala
Osteocyte -- hinek-nala
Osteology -- hinek-tal
Osteolysis -- hinek-vashau-nosh
Osteoporosis -- hinek-pak-nosh
Osteoregenerator -- hinek-vaferek
Osteosarcoma -- hinek-rasahtra
Osteosclerosis -- hinek-ihn-nosh
Ostium -- sharu
Ostomy -- sharutaya
Otalgia -- kaluk-kusut
Other -- vath
Otherwise -- vathru
Otitis -- kaluk-yonshaya
Otorrhea -- kaluk-khrasaya
Otosclerosis -- tvi-kaluk-hinekaya
Otoscope -- kaluk-zan-vel
Outcrop(ping) -- nodahb
Outgassing -- sapataya
Outer -- sl-, sik
Outer hatch -- si-thro-svep
Outlet -- sek
Outside -- s'udish
Outweigh -- spunsau
Oval -- yuv-, yuvik
Ovarian cancer -- yukal-rasahtra
Ovarian cyst -- yukal-masu-haf
Ovariectomy -- yukal-snem
Ovary -- yukal
Oven -- fasek
Over -- abru'; abru-
Overabundance -- (pid-)mau-tan
Overhang (n.) -- mesyel
Overload -- abru-tus, abru-tus-tor
Overload suppressor -- abru-tus-nelayek
Oviduct -- yu-mur-mev
Oviparous -- si-yu-mursuk
Ovulation -- yukaya
Ovulate -- yukau
Ovum -- (rivikantau-')yu-mur
Own (pron.) -- sha'
Own (v.) -- ma
Owned, to be -- puma
Oxidase -- esh-tukhovau-zalu
Oxidation -- esh-tukhovaya
Oxygen -- esh-tukh
Oxygen tank -- esh-tukh-tuhlek
Oxygenation -- esh-tukhaya
Oxyopia -- maut-zat-glan

Pachycaul -- bali-fekik
Pachychellia -- bali-bru-nosh
Pachyderma -- bali-wadi-nosh
Pack ice -- le-suma-teraya
Page -- thalv (anc.)
Pain -- kusut
Paint -- kras, kras-tor
Painter -- krassu
Pair -- shif
Palate -- ru'lut-kamu
Pale -- spoh
Paleoanthropology -- vesh-komihnsu-tal
Paleobotany -- vesh-kastik-tal
Paleoclimatology -- vesh-ek'nosh-tal
Paleoecology -- vesh-malat-tal
Paleography -- vesh-kitau-tal
Paleontology -- vesh-ha-tal
Paleosol -- vesh-solek
Paleospecies -- vesh-koshtri
Paleozoology -- vesh-aushfa-tal
Pallialia -- zhit-ashiv-nosh
Palisade (geol.) -- masu-menal
Palladium -- krak-tukh
Palliative -- vasek
Pallor -- ritsuri-spoh'es
Palm (hand) -- ku
Palmate -- sau-krusik
Palmprint -- kuidar
Palmprint scanner -- kuidar-glashayek
Palynology -- tal t'kas-sa-nei
Pan (n.) -- sunil (cooking); lerakhovau-solek-tin (geol.)
Pancarditis -- ek'khaf-spol-yonshaya
Pancreas -- zalu-nafek
Pancreatectomy -- zalu-nafek-snem
Pancreatic duct -- zalu-nafek-mev
Pancreatic juice -- zalu-nafek-masu
Pancreatitis -- zalu-nafek-yonshaya
Pandemic -- suk'shal-has-sak
Pandication -- luva-sakadaya
Panel (n.) -- wein (cover); (gluau-)math (display)
Panhysterectomy -- ek'sudef-snem
Panic (n.) -- pahth
Pantothenic acid -- eklakalu-sash
Pants -- malanu
Paper (n.) -- dun
Paper-maker -- dun-zhuku
Parabola -- dakhvalu
Parabolic coordinates -- dakhvalu-shi-kethellar
Parabolic point -- dakhvalu-sfek
Parabolic segment -- dakhvalu-krus
Paracentesis -- snem-masu-nisan
Parachute (n.) -- tev-sai
Parallel (adj.) -- vlawla
Parallel evolution -- vlawla-wakrubaya
Parallellogram -- dah-vlawla-vel
Parallelohedron -- vlawla-muk
Paralysis -- shivaya
Paralyze -- shivau
Parametallic hull plating -- plo-mokevik vukh-slaun
Parameter -- nus
Parametric equation -- nus-vor'ihn
Parametric test -- nus-nisan
Parametritis -- pa-sudef-yonshaya
Paranoia -- ek'pa-phalt
Paraparesis -- on-mal-kobat'es
Parapatric -- beteretik
Paraplegia -- dah-shivaya
Parasite -- neshuhk
Parenchyma -- nafek-is-krus
Parent -- mekh, mekh-tor
Parent material -- tveshu-tukh
Parents (a mother & a father) -- meku (or "omekhu")
Parents (gen. pl. or alternatives) -- meklar (or "omekhlar")
Paresis -- ul-shivaya
Parity -- ka'es
Park (n.) -- shi'yar (Earth-style); shi'sochya
Part -- krus
Parthenogenesis -- rivikantau-storaya
Partial -- ul', ulik
Particle -- pi'gal
Particle accelerator -- pi'gal-sahrayek
Particle beam -- pi'gal-zehl
Particle density -- solek-krus-ih'n'es
Partner (n.) -- tersu
Parturition -- keshtan
Passions -- shau-kaush
Passive -- ritorupik
Past (n.) -- vesht
Patella -- mal-nef-hinek
Patellar reflex -- mal-nef-tvisek
Path -- yut
Pathology (study) -- has-tal
Patience -- tranush
Patient (med.) -- hasausu
Pattern -- nel-dath (anc.)
Pattern buffer -- nel-dath-fukat
Pause -- svizh, svizh-tor
Pave (v.) -- elyutau
Pay (v.) -- viitau
Payment -- viitaya
Peace -- sochya
Peak (n.) -- feh --
Pebble -- da
Pectinate -- dref-shidik
Pedestal -- nelka
Pedogenesis -- solek-storaya
Pedology -- solek-tal
Pedophile -- kan-riashausu
Pelage -- ek'isachya
Pelagic -- masutra-, masutraik
Peltate -- fo-dan-shidik
Pelvis -- dafel
Peneplain -- nen-eiktra
Peneplanation -- nen-eiktra-skashaya
Penis -- lok
Pentad -- kauyek
Pentadecagon -- kau-leh-vla
Pentagon -- kau-vla
Pentagonal dodecahedron -- kau-vlayik leh-dah-muk
Pentagonal number -- kau-vla-su'us
Pentagonal prism -- kau-vla-takurek
Pentagonal pyramid -- kau-vla-rekun
Pentahedron -- kau-muk
Pentakaidecagon -- leh-kau-vla
Pentamericous -- kau-krusik
Pentose -- kau-slor-tukh
Penumbra -- pi'duv
People -- sular; sutra
Peptide -- skaulu
Perceive -- pakashogau
Percent -- sateh
Percentage -- sateh'es
Perception -- pakashogaya
Percolation -- ne-fna-dvun
Perennial -- tevunik
Perfect -- buhlik
Perforate -- tilau
Perforation -- tilaya
Perhaps -- sos'eh
Perigee -- be-sfek
Perigee motor -- be-sfek-mishu
Perihelion -- yel-be-sfek
Perilymph -- kaluk-yak
Perimeter -- pa-thon
Period (time) -- wak-krus
Periodic -- wak-krus-, wak-krusik
Periosteum -- hinek-nalatra-wein
Periostitis -- yonshaya t'hinek-nalatra-wein
Peristalsis -- mev-spal-dvun
Peritoneum -- feshek-nalatra-tin
Peritonitis -- yonshaya t'feshek-nalatra-tin
Permeable -- sanek-yehat
Permease -- nala-lesh-tukh
Permineralization -- kvotaya
Permissive intrusion -- vathik zul-vi-kwitaya
Permutation -- sasuhlitya
Perpendicular (adj.) -- sazeh-, sazehik
Perpendicular (n.) -- sazehl
Personality -- nafu'es
Personnel hatch -- su-thro-svep
Personnel locator display -- su-shi-gluvayek
Perspective (n.) -- vulunaya
Perspiration -- wadashaya
Perspire -- wadashau
Pester -- smartau
Pet (n.) -- kelek-aushfa
Petal -- kur-mor
Peteole -- mor-pi'fek
Petrification -- kvotaya
Petrified -- kvotulik
Petrochemistry -- kov-meil-tal
Petrogenesis -- kov-storaya
Petroglyph -- kov-kitaya
Petrol -- hal-masu
Petroleum -- ek'elmin
Petrology -- kov-tal
Petty officer -- traveksu
Phacolith -- zul-vulaya-koval
Phagocyte -- yokul-nala
Phalanges -- uk-hineklar
Phalloncus -- lok-gnal
Phallus -- lok
Pharmacology -- haseret-tal
Pharyngitis -- drahk-yonshaya
Pharyngodynia -- drahk-kusut
Pharynx -- drahk
Phase -- wek, wek-tor
Phase amplifier -- wek-ashenayek
Phase coil inverter -- wek-pakuv-abomesayek
Phase decompiler -- wek-satralayek
Phase discriminator -- wek-sapa'shayek
Phase modulator -- wek-nakihtlayek
Phase shift -- wek-izaya
Phase-conjugate graviton beam -- wek-teraik sesh'gal-zehlek
Phase-diverted carrier wave -- wek-mutauk lesh-pral
Phaser -- wek-zehlek
Phaser bank -- wek-zehlek-kutra
Phaser cannon -- wek-zehlek-thorshun
Phaser coil -- wek-zehlek-pakuv
Phaser power pack -- tepul-vel t'wek-zehlek
Phaser rifle -- kar-wek-zehlek
Phenomenon -- stivan
Philosophy -- ven-dol-tar (anc.)
Phlebectomy -- snem t'os-khaf-mev
Phlebitis -- yonshaya t'os-khaf-mev
Phlebotomy -- tu'asha t'os-khaf-mev
Phlegm -- esh-prash
Phloem -- si-tin t'lap-vukhut
Phosphorescence -- ha'h'a'tanaya
Phosphorus -- yon-tukh
Photalgia -- ugel'es-bezhun-kusut
Photograph (n.) -- ha'gel-bikuv
Photographer -- ha'gel-tanafu
Photography -- ha'gel-tanaf
Photon -- ha'gal
Photon grenade -- ha'gal-thorshek
Photon torpedo (PhoTorp) -- ha'gal-lushun
Photon torpedo bay -- ha'gal-lushun-sutaik
Photon torpedo launcher -- ha'gal-lushun-spusayek
Photon torpedo tube -- ha'gal-lushun-mev
Photoperiod -- ha'gel-wak-krus
Photoreceptor -- ha'gel-poprahek
Photosynthesis -- ha'gel-fereikan
Phototaxis -- ha'gel-rubah-dvun
Phototroph -- ha'gel-yokulsu
Phrase -- zhit-bal
Phreatic cycle -- da-nel t'masu-tin
Phreatic water -- ne'rak-masu
Phrenic nerve -- esh-dvunek-wel
Phylogeny -- ha-ves-storaya
Physical (adj.) -- tukhik
Physician -- hassu
Physics -- tor-tal
Physiology -- is-lof-tal
Phytogeography -- kastik-sagan-tal
Phytol -- kas-yar-naliveh
Phytolith -- kastik-guhsh-kov
Phytopathology -- kastik-has-tal
Phytophagous -- kastik-yokultik
Phytoplankton -- masutra-numo-kastik
Phytosociology -- kastik-shila-tal
Pica -- riyem-yokul-nosh
Pick up (v.) -- abrashau
Picture -- bikuv
Pie chart -- shihvek-besan
Piece (n.) -- krus
Piedmont (geol.) -- kunel-nen
Piedmont glacier -- dvun-le-sumatra t'kunel-nen
Piedmont terrace -- nef t'kunel-nen
Pierce -- tilau
Piezoelectric -- khush-raf
Piezoelectric effect -- daya t'khush-raf-tepul
Piezoelectricity -- khush-raf-tepul
Pigment(ation) -- kurek
Pile (n.) -- tuh (heap), nefek (construction)
Pile driver -- nefek-mahyeturek
Pillow (n.) -- trak
Pilosus -- pid-storau-nosh t'isachya
Pilot (flyer) -- hashsu
Pilus -- isach
Pinch-out (geol.) -- tin-spoh
Pineal gland -- sofar-pi'nafek
Pingo (geol.) -- le-suma-kunel
Pink -- faf-kur
Pinna -- si-kaluk
Pinnacle (geol.) -- kov-suk'fek
Pinnate -- patik
Pipe -- mev
Pistol -- el'ru-pohshayeck (TGV), el'ru-pohshek (MGV)
Piston -- kwit-patam
Pitchblende -- nesh-shu-kov
Pith -- pi'fe-k-svitan-nalatra
Pituitary gland -- dau-tukh-pi'nafek
Pivot (n.) -- da-sfek
Place -- shi; shitau
Placebo -- katek
Placebo effect -- katek-daya
Placenta -- flutash (anc.)
Placer (geol.) -- ek'tukh-titaya
Plain (n.) -- eiktra
Plan -- dotor (n.), dotoran (v.); torbesan (n., architecture)
Planar distance -- pa'ashtra-ir
Planar graph -- pa'ashtra-besan
Planar point -- pa'ashtra-sfek
Planation -- eiktra-sk rashaya
Plane (geom.) -- pa'ashtra
Plane curve -- pa'ashtra-tsa
Plane division -- pa'ashtra-daheya
Plane geometry -- pa'ashtra-khop-thonik su'us-ek'tal
Planet -- ek'tra
Planetarium -- shi'ya-gluye
Planetfall hatch -- ek'tra-thro-svep
Planetfall ramp -- ek'tra-thro-yut
Planetology -- vath-ek'tra-tal
Plankton (general term) -- masutraik numo-ha-vel
Plant -- kastik; kastkau
Planter reflex -- lad-tvisik
Plasma -- bosh-kha-masu (med.); snazh(-tukh) (physics)
Plasma cell -- khaf-masu-nala
Plasma conductor -- snazh-spayek
Plasma conduit -- snazh-mev
Plasma display subsystem -- ne-torektra t'snazh-gluvaya
Plasma distribution manifold -- wehk-vel t'snazh-sagan
Plasma injector -- snazh-vipohshayek
Plasma intercooler safeties -- ek'maneklar t'snazh-tvi-samuyek
Plasma modulator -- snazh-nakhitlayek
Plasma protein -- khaf-masu-ketek
Plasma surge -- snazh-tral
Plasma transfer conduit -- snazh-shan-mev
Plasma warhead -- snazh-thorsh-tam
Plasmacytoma -- rasahtra t'khaf-masu-nalalar
Plate (n.) -- math (dish); kovtra (geol.)
Plate (v.) -- slau-tor
Plate boundary -- ragel-zehl t'kovtralar
Plateau -- pasutra
Platelet -- vihk-nala
Platform -- skaf
Plating -- slaun
Platinum -- taluhk-tukh
Play (v.) -- mavaau
Playa (geol.) -- eshikh-eiktra
Please (v.) -- sanoi (anc.)
Pleasure -- sanosh (anc.)
Plesiomorphic -- os-shidik
Plethora -- (pid-)mau-tan
Pleura -- tuf-nala-tin
Pleurisy -- yonsha ya'tuf-nala-tin
Plica -- (nalatra)-heshan
Plicate -- heshait
Plot (v.) -- besau
Plotter (device) -- besayek
Plural (n.) -- wehu
Plus -- eh, heh
Plus-or-minus (math.) -- teni-heh
Pluton (geol.) -- glu-zul-koval
Plutonium -- isbad-tukh
Pluvial -- sov-masupik
Pneumonectomy -- eshaf-senem
Pneumonia -- eshaf-yonshaya
Pod -- tv'i'haf
Poikilotherm -- si-falek-aushfa
Point -- sfek; sfekau
Point circle -- sfek-da-kuv
Point out -- sasfekau
Point-line distance -- sfek-zehl-ir
Point-plane distance -- sfek-pa'ashtra-ir
Point-point distance -- sfek-sfek-ir
Pointer (n.) -- elek (like a clock hand), lum (like a needle)
Poison -- gisam
Polar angle -- na-vulu
Polar circle -- na-da-kuv
Polar coordinates -- na-shi-kethellar
Polarity -- narak'es
Polarize -- narakau
Polaron -- na'gal
Polaron emitter -- na'gal-sayek
Polaron field -- na'gal-vunai
Pole (physics, etc.) -- na
Pole (rod) -- fek
Pollen -- kas-sa-nei
Pollen sac -- sa'haf t'kas-sa-nei
Pollination -- kas-vikantaya
Pollute -- flau
Pollution -- flaya
Polonium -- yush-tukh
Polygon -- wehk-vla
Polyhedron -- wehk-muk
Polynomial -- wehk-zhil
Polysaccharide -- wehk-slortra-tukh
Polyunsaturated fat -- weht-ribosh-thel'a
Pond -- muzh
Pons -- mesut
Ponytail -- isacharr
Pool (car, gene, etc.) -- patra
Populace -- sutra
Pore (med.) -- wadi-sharu
Porphyry -- khush-zul-kov
Port -- (ter)svep (access); (pauk-)krani (window)
Portable -- leshan', leshanik
Portable force field generator -- leshanik fosh-vunai-ferek
Portable phase discriminator -- leshanik wek-sapa'shayek
Position (n.) -- shul
Positive (polarity) -- a'rak
Positive charge -- a'rak-falun
Positive ion -- a'rak-falun-krus
Positron -- teh-n-u'gal
Possess -- ma
Possession (ownership) -- mat
Possession (thing) -- ma-vel
Possible -- tor-yehat
Post (n.) -- lehk
Postoperative -- po-sharushanik
Postpartum -- po-keshtaik
Potable -- mon-yehat
Potable water -- mon-masu
Potassium -- spoh-tukh
Pouch -- sa'haf
Pour (v.) -- mukau
Powder (n.) -- grazhiv
Power (n.) -- tepul
Power cell -- tepul-nala
Power conduit -- tepul-mev
Power converter -- tepul-rushanek
Power coupling -- tepul-terseyek
Power drain -- tepul-smashaya
Power gauge -- tepul-mik-yal
Power grid -- tepul-vis
Power outlet -- tepul-sek
Power plant -- tepul-torveyek
Power supply -- tepul-tanilyek
Power surge -- tepul-tral
Power transfer conduit -- tepul-shan-mev
Power trunk -- tepul-terur
Prairie -- pseth-yar-eiktra
Praise -- krol, krol-tor
Prasema (Vulcan "erythema") -- wadi-yar'es s'pi'khaf-mev-eikan
Praseocyte ("green blood cell") -- nen-khaf-nala
Praseoderma (Vulcan "erythroderma") -- wadi-yar'es-nosh
Praseodymium -- breth-tukh
Praxeology -- su-torai-tal
Pre-fire chamber -- tvi-shal t'fe-pohshaya
Precancerous -- fe-rasahtraik
Precious -- taluhk
Precipitation (meteor.) -- sa-sovaya
Precocious -- ten-storauk
Pregnancy -- k'kan'es
Pregnant -- k'kan
Prehistoric -- fe-vesht-varik
Premature -- fe-wakik
Premature ejaculation -- ten-khasaya
Premature infant -- ten-kan-bu
Prenatal -- fe-keshtaiik
Preoperative -- fe-sharushanik
Prepare -- dator
Prepare food -- pil-tor
Preprandial -- fe-yemik
Prepuberty -- fe-vin-storaya
Presence -- la'es
Present (here) -- la, la'
Present, to be -- pulayau
Preserve (v.) -- korsau
Press (down on) -- hish-tor
Pressure (n.) -- ne'hish
Pressure control system -- vishish-tash-torektra
Pressure point -- ne'hish-sfek
Pressure seal -- vishish-fen
Pressurization duct -- vishish-mev
Pressurization/depressurization system -- vishish-sahish-torektra
Pressurize -- vihish-tor
Pretty -- takov (anc.)
Prevail -- fakovau
Priapism -- kwon-abrun-nosh
Primary -- wuhr-, wuhrik; nen-, nenik
Primary force field deflector -- nen-sakwitayek t'fosh-vunai
Primary hull -- nen-vukh
Primary impulse injector -- nen-kwitau-vipohshayek
Primary mineral -- wuhr-ek'tukh
Primary pigment -- nen-kurek
Primary power grid -- nen-tepul-vis
Primary security net -- nen-shar-vis
Primary structure -- nen-velek
Prime (n.) -- nenat
Prime number -- nenat-su'us
Prime polynomial -- nenat-wehk-zhil
Primitive (in form) -- os-shidik
Principle -- dvatai
Print -- hish, hish-tor
Printer -- hishek (device); hishusu (person)
Prism -- takurek
Privacy -- awek'es
Private (adj.) -- awek
Private (rank) -- ask'ersu
Probability -- yesik'es
Probability function -- yesik'es-kek
Probable -- yesik
Probable error -- yes-lafosh
Probe -- nisau, nisaya; nisayek
Problem -- wat
Process (n.) -- torek
Process (v.) -- patorau
Processor -- patorayek
Proclaim -- af sakau
Proctitis -- pekh-vat-yonshaya
Proctology -- pekh-vat-tal
Proctoscope -- (tvi-)zan-vel t'pekh-vat
Produce (v.) -- torvau
Producer -- torvayek
Product (n.) -- satorvu (result); torvauk (something produced)
Production -- torvaya
Productive -- torvauk
Productivity -- torvauk'es
Profession -- ha-yigal
Profile (n.) -- ek'tin
Progeria -- ten-shakhuvau-nosh
Program -- tumau, tumaya; tumak (computer)
Programmed, to be -- putumau
Project (n.) -- ar'tu (anc.)
Project (v.) -- salehm-tor
Projection -- salehm
Projector -- salehmek
Prolapse -- (nafek-)set
Promethium -- thu-tukh
Promise -- uga, ugary
Proof -- skan
Propel (v.) -- datau
Propelled, to be -- pudatau
Propeller -- dayek
Property -- veltra
Prophet -- fa-wak-gansu
Propulsion -- dataya
Propulsion system -- datau-torektra
Propulsion unit -- datau-kebi
Prosper -- smusma
Prosperity -- smusma'es
Prostate -- pi'nafek t'sa-nei-masu
Protactinium -- farek-tukh
Protein -- ketek
Protomatter -- fu-tukh
Proton -- a'gal
Prototype -- fu-vel
Proud -- yaut
Prove -- skan-tor
Provide (v.) -- tanilau
Proximity -- be'es
Proximity alarm -- be'es-vikayek
Proximity transceiver -- be'es-sasau-proprahek
Pruritis -- drizhaya
Pry (v.) -- ihv-tor
Psychiatry -- kashkau-tal
Psychology -- kloshai-tal
Puberty -- vin-storaya
Puce -- gahv-yon-kur
Puddle (n.) -- pi'muzh
Pudendum -- si-guv-krus
Pull -- seshau, seshaya
Pulmonary artery -- eshik vi-khaf-mev
Pulmonary edema -- ritsuri-masu-hoknaya t'eshaf
Pulmonary embolism -- eshaf-mev-klohtaya
Pulmonary vein -- eshik sa-khaf-mev
Pulsar -- spol-yel
Pulsate (v.) -- gau
Pulsation -- gaya
Pulse (medical) -- khaf-spol-gaya
Pulse (physics) -- saga, sagaya
Pulse generator -- saga-ferek
Pumice -- markau-zul-kov
Pump -- spol, spol-tor
Punctuate -- pehkamitau
Punctuation -- pehkamitaya
Pupil -- glan-sharu
Pupillary reflex -- glan-sharu-tvicsek
Purple -- gahv-kur
Purpose -- lof
Pus -- kuhka
Push -- kwitau, kwitaya
Pustule -- kuhku-kad
Put (v.) -- shitau
Put to death -- tostau
Pyemia -- kuhku-khaf-gisaman
Pyramid -- rekun
Pyroclast -- thorshaw-zul-krus
Pyroclastic flow -- sposhan-vitush-yumaya
Pyroclastic material -- thorshaw-zul-tukh
Pyroclastic rock -- thorshaw-zul-kov
Pyrogenesis -- zul-storaya
Pyrophobia -- yon-pthak
Pyrophyte -- yon-kastik
Pyrosis -- skaun-yon
Pyruvic acid -- nalesh-sash t'reh-nol-tukh

Quadrant -- shalat
Quadratic equation -- dahpul-vo’ihn
Quadratic formula -- dahpul-nik-tok
Quadratic integral -- dahpul-ketil
Quadrilateral (n.) -- keh-vel
Quadriplegia -- keh-shivaya
Quadruplet -- t’kehshu
Quantifier -- nosahek
Quantity -- nosahp
Quantum evolution -- sposhan-wakrubaya
Quantum field -- numen-vunai
Quantum flux regulator -- numen-gasu-pakhartayek
Quantum matrix -- numen-viskulan
Quantum phase inhibitor -- numen-wek-netehnovayek
Quantum scanner -- numen-glashayek
Quantum speciation -- sposhan-koshtivaya
Quantum torpedo -- numen-lushun
Quark -- pihl
Quarter (1/4) -- yonuk (anc.)
Quarters -- ha-shal
Quartet -- kehek
Quartz -- kohv-tukh
Quasi-sympatric speciation -- sha’ti-dahsauf-koshtrivaya
Queen -- ko-te’kru
Quest -- psth'an
Question -- desher, deshkauf
Quick -- sahrs
Quicksand -- ne-hal-mazhiv
Quiet -- hizhuk
Quinone -- natuhektu-tukh
Quintet -- kauyek
Quintuplet -- t’kausu
Quite -- ved
Quotient -- dahsauf-nosahp

Race (species) -- (ne-)koshtri (anc.)
Raceme -- svai-teluk
Radial (adj.) -- azehl-, azehlik
Radiate -- sau
Radiation -- saya
Radiation sickness -- saya-has-mar
Radiation suit (Radsuit) -- saya-saihu
Radiator -- sayek
Radical (n.) -- sagir (math.); galk (physics)
Radicle -- ten-mal-gir (botany); wel-gir (anat.)
Radiculus -- wel-gir-yonshaya
Radioactive -- galu-sayuk
Radioactive decay -- galu-sayuk nehaya
Radioactivity -- galu-saya'es
Radiogenic warhead -- sau-thorsh-tam
Radioisotope -- galu-saya-dahsu
Radium -- stau-tukh
Radius -- sakuvu (math., etc.); sik ne-kar-hinek (anat.)
Radon -- mozh-tukh
Raft (n.) -- marshak
Rage -- resha, reshan
Rain -- sov-masu (n.), sov-mashau (v.)
Rainbow -- (igen-)kur-kesek
Raindrop -- sov-masu-thek
Raise (v.) -- ashenu
Rake (n.) -- dref
Ramat detonator -- ramat-thorshayek
Random -- kafun-, kafunik
Random distribution -- kafun-sagan
Random number -- kafun-su'us
Random variable -- kafun-vuhnayek
Range (n.) -- eik'es
Range of motion -- dvunel-eik'es
Range of tide -- mashen-na-sa
Rank (n.) -- lan
Rank insignia -- lan-terseht
Raph -- fenul
Rare -- ritsuri
Rash (med.) -- kuriht
Rate -- tav, tav-tor
Rating -- tavan
Ratio -- tavat
Ray -- ha'zehl (light); azehl (math.)
Razor -- hohl-vel
Reach (v.) -- pulau
React -- folau
Reactance injector -- folau-vipohshayek
Reaction -- folaya
Reaction-control system (RCS) -- folau-tash-torektra
Reaction-control thruster -- folau-tash-kwitek
Reactive body armor -- folauk vukhut-fo-wein
Reactor -- folayek
Reactor core -- folayek-tviyan
Read -- telv-tor
Ready -- pok
Real -- yeht
Real axis -- yeht-da-sfek
Real number -- yeht-su'us
Real polynomial -- yeht-wehk-zhil
Reason (purpose) -- utvau
Recede -- satrasha
Receive -- poprah
Receiver -- poprahet
Recess (niche) -- sha'ti (anc.)
Recession -- satrashan
Recessive gene -- za-tol
Reciprocal -- meskulan-, meskulanik; meskulan
Recognize -- naglanshau
Record (v.) -- vipladau
Recorder (device) -- vipladayek
Recorder-marker launch system -- spusau-torektra t'vipladayek-ulidayek
Rectangle -- gas-vulu-vel
Rectum -- pekh-vat
Recycle -- va'ash-da-tor
Recycling (n.) -- va'ash-da-nel
Recycling plant -- va'ash-da-nelek
Red -- yon-kur
Reduce -- netakidau
Reduction -- netakidaya
Reel (n.) -- magu
Refer -- dzhinau
Reference -- dzhinaya
Reflect -- haul-tor
Reflection -- haulan
Reflector -- haulek
Reflex -- tvisek
Reflex (n.) -- (ritsuri-)pla'yumaya
Refraction -- ha'zehi-vulaya
Refresh -- uzhau
Refrigerator -- samek-mish-vel
Refueling port -- hal-tukhau-tersvep
Refuge -- rau-nol (anc.)
Refugium -- ha-rau-nol
Regain -- tabakau
Regard (v.) -- fudau
Regenerate -- vafer-tor
Regenerative force field -- vafer-fosh-vunai
Regenerator -- vafererek
Region -- shal
Regolith -- nen-kov-guhsh
Regular number -- tsuri-su'us
Regular polygon -- tsuri-wehk-vla
Regular sequence -- tsuri-zehlanaya
Regulate -- pakhartau
Regulator -- pakhartayek
Regulator gene -- tash-tol
Reinforce -- fokarikau
Reinforced concrete -- fokarikal-nok
Relative (person) -- tomasu
Relay -- gol'dvun-tor; gol'dvunek
Release -- sadalau, sadalaya
Relic -- za-vel
Relict -- hafau-ha-vel
Relief -- vas
Relieve -- vas-tor
Religion -- odva
Remain -- hafau
Remainder -- hafayat
Remember -- vokau
Remove -- snem-tor
Rend -- tresahk-tor
Renew -- uzhau
Repair (v.) -- teslau
Repeat -- ashiv-tor
Replace -- va'prah
Replicative -- va'asau-zalu
Replicate -- nel'ashau
Replication -- nel'ashaya
Replicator -- nel'ashayek
Replicator memory core -- kolau-tviyan t'nel'ashayek
Reply -- kilko, kilko-tor
Repository -- vat
Reproduction -- kanashivaya
Reptile -- ukralk
Research -- kla-hil, kla-hil-tor
Researcher -- kla-hilsu
Resection -- krus-senem
Resin -- lap-stan-tukh
Resist -- tehnau
Resistance -- tehnaya
Resistor -- tehnayek
Resonance -- kusilaya
Resonance emitter -- kusilau-sayek
Resonate -- kusilau
Resonator -- kusilayek
Respiration -- pa'kizh
Respiratory arrest -- pa'kizh-pekha
Respiratory failure -- pa'kizh-vravshaya
Respiratory rate -- pa'kizh-tav
Respiratory tract -- pa'kizh-ek'ur
Respond -- kesau
Response -- kesaya
Rest -- shom, shom-tor
Reticulum (med.) -- vistra
Retina -- glan-nalatra-tin
Retinal pattern scanner -- nel-dath-glashayek t'glan-nalatra-tin
Retinitis -- glan-nalatra-yonshaya
Retrieve -- zaprah
Return -- fun, fun-tor
Reverse mutation -- pla'rak-tselaya
Rhenium -- ahahr-tukh
Rhinitis -- han-yonshaya
Rhinorrhea -- han-yumaya
Rhizome -- ne-solektra-pl'fek
Rhizosphere -- gir-shal
Rhodium -- seleya-tukh
Rhombohedron -- ayayik leh-dah-muk
Rhombohedron -- ayayik keh-vla
Rhombus -- ayau-keh-vla
Rhythm -- farr-dath (anc.)
Rib -- bak
Ribitol -- kau-nol-nalivhe
Ribonucleic acid (RNA) -- sash t'wuh-ha-svitan
Rich -- don-ka (anc.)
Riches -- don-tak (anc.)
Ride (v.) -- fau-tor
Ridge (n.) -- kov-zehl (geol.); tauf
Rifle -- kar-pohshayek (TGV), kar-pohshek (MGV)
Rift valley -- kovtra-ku-li
Rigellian (person) -- Raidzhelu
Right (correct) -- yeht
Right (direction) -- gas'rak
Right angle -- gas-vulu
Right triangle -- gas-vuluyik reh-vla
Rigid -- stegel
Rigidity -- stegel'ees
Rime -- ihsek-le-suma
Ring (n.) -- mokuv (old contraction of "mokev-kuv")
Ring (v.) -- kus-tor
Ring finger -- dahr-ozh
Ring latch -- mokuv-kuhr
Rip -- tres, tres-tor
Rip into pieces -- tresahk-tor
Ripe -- piyah
Ripen -- piahtau
Ripening -- piahtaya
Rise -- shen, she-tor
Ritual -- ho-rah (anc.)
River -- pilash (anc.)
Road -- fau-yut
Robe -- pelal
Rock -- kov; kov-tukh
Rocket (n.) -- yon-hashek
Rod -- fek
Roll (v.) -- padukau
Romulan -- Rihansu
Roof -- kamu
Room (chamber) -- tvi-shal
Room (space) -- ret
Root -- gir
Root pressure -- gir-ne'hish
Rope -- man-elakh
Rot -- nehau, nehaya
Rotate -- da-tor
Rotation -- dan
Rotor -- pi'dayek
Round -- pauk
Row -- zehl (n.); fel-tor (v.)
Rowboat -- fel-hali
Rub -- tetau, tetaya
Rubbish -- guhsh
Rubidium -- gol-tukh
Ruby (n.) -- yon-ek'zer
Rule (law) -- to-go (anc.)
Rule (v.) -- khau
Rule over -- abukhau
Run (v.) -- sahr-tor
Runner (botany) -- sak-fek
Rust -- zhar, zhar-tor
Ruthenium -- soral-tukh
Rutherfordium -- leh-tukh
"S" to "Z"

ZHIT-FEIM TERAYA-EINGSUL - GOL-VUHLKANSU

>S< na’>Z<

Sbkha (geol.) -- alemtra
Sac -- sa’haf (anc.)
Saccharide -- slortra-tukh
Saccule -- pi’sa’haf
Sack -- sa’haf (anc.)
Sacral vertebra -- pla’krus-hinek
Safety -- ek’man’es; ek’manek
Sail (n.) -- mashalo-thalv
Sail (v.) -- masu-halovau (TGV), mashalovau (MGV)
Sailor -- masusu
Salad -- yarmok
Saline -- alemik
Saline soil -- alem-solek
Salinity -- alem’e
Saliva -- ru’lut-masu (TGV), ru’lumu (MGV)
Salt -- alem
Salt depletion -- alem-sis
Salt lake -- alem-suk’muzh
Salt marsh -- alem-masu-kastra
Salt stress -- alem-hishel
Saltwater (n.) -- alem-masu
Salvation (spiritual) -- korsoyaya
Samarium -- bali-tukh
Same -- ka
Sample (n.) -- li-fal (anc.)
Sand(s)’ -- mazhiv
Sandbar -- mazhiv-zehl
Sandstone -- mazhiv-kov
Sandstorm -- mazhiv-sahriv
Sap (botany) -- kas-khaf
Sapling -- kan-lap
Sapphire (n.) -- pla-khush
Saprophage -- tevanu-ha-yokulsu
Sarcoide -- kahmtraik
Sarcoma -- kahm-rasahtra
Satellite -- sutor-aikum (artificial), malat-aikum (natural)
Saturate -- vi-mashau
Saturated fat -- vibosh-the’la
Saturation -- vi-mashaya
Satyriasis -- risa-guv-aitlun
Sauce -- mun
Saucer -- (ne-)mathra
Saucer section -- mathra-krus
Saucer separation -- mathra-dahshaya
Sauté (v.) -- the’polau
Savannah -- yartra
Save (v.) -- korsau
Save (by means of) -- korseiven
Save (spiritually) -- korsovau
Saw (n.) -- zuneshek
Saxicolous -- fi-kov-hatik
Say -- tar, tar-tor
Saying -- taran
Scab (n.) -- net
Scale (flake, skin, etc.) -- wef
Scale (measurement) -- mathu
Scalene triangle -- rika-reh-vla
Scalenohedron -- rika-reh-vlayik wehk-muk
Scalp -- patam-ek’wadi
Scan (v.) -- glashau
Scan field selector -- glashau-vunai-dvelek
Scan mode selector -- glashau-nuk-dvelek
Scan range selector -- glashau-eik’es-dvelek
Scanner -- glashayek
Scandum -- sak-tukh
Scapula -- tipan-hinek
Scar (n.) -- ulidar
Scarlet -- ug’yon-kur
Scavenger -- tevanu-yokulsu
Schism -- sadahshaya
School (n.) -- shi’oren
Sciatilic -- duvek-ashauk
Sciatic nerve -- nen-mal-wel
Science -- ek’tal
Science tricorder -- ek’tal-reh-vipladayek
Scientific -- tal-, talik
Scientist -- ek’talsu
Sclerophyte -- duvek-kastik
Sclera -- bezhun-wan
Sclerosis -- lerash-nalatra-nosh
Scoria -- nala-zul-kov
Scramble (v.) -- parish-tor
Scrambled eggs -- parish-yu-murlar
Scrap -- moguhsh, moguhshau
Scrape (v.) -- theshau --
Scream (v.) -- shei
Scree -- kov-guash
Screen (display) -- gluvayek
Screen (shield) -- sananek
Scrotum -- sakal-sa’haf
Sculpt -- shid-shuk-tor
Sculptor -- shid-tanafshu
Sculpture -- shid-tanaf; shid-vel
Scythe (n.) -- urokores
Sea -- masutra
Sea breeze -- masutra-pi’salan
Sea cliff -- masutra-menal
Seaborgium -- leh-dah-tukh
Seafloor -- masutra-tol
Seal -- fen, fen-tor
Seam -- fenul
Seaman -- masusu
Seamount -- masutra-kunel
Seamster, Seamstress -- ogsu
Search -- pstha, pstan
Season -- tevun-yonuk
Seat (chair) -- ku-san (anc.)
Seaworthy -- masu(tr)(a)-ek'maik
Sebaceous cyst -- wadi-thel'asu-shaf
Sebaceous gland -- wadi-thel'asu-pi'nafek
Sebum -- wadi-thel'asu
Secant -- weht-sfek-aus
Secondary -- dahr-, dahriks
Secondary command processor -- dahr-khartau-patorayek
Secondary hull -- dahr-vukh
Secondary mineral -- dahr-ek'tukh
Secondary structure -- thurai-velek
Secret (adj.) -- tsatik
Section -- krus; fna-krus
Sector -- krusat
Secure (v.) -- shar-tor
Security -- shar'es
Security armor -- shar-fo-wein
Security code -- shar-kiht
Security scan -- shar-glashaya
Sediment -- ne'ti-tukh
Sedimentary rock -- ne'ti-kov
See -- gla-tor
Seed -- nei
Segment -- krus
Seismograph -- solektra-hutaya-besan
Seismology -- solektra-hutaya-tal
Seismometer -- solektra-hutaya-thonek
Seizure -- mahai
Select -- dvel-tor
Selection -- dvel
Selection panel -- dvel-math
Selector -- dvelek
Selenium -- volak-tukh
Selenology -- aikum-tal
Self -- shai
Self-control -- shaula
Self-destruct (n.) -- shai-vashaya
Self-destruct system -- shai-vashau-torektra
Self-fertilization -- shai-vikantaya
Self-pollination -- shai-kas-vikantaya
Self-replicating mine -- shai-nei'ashauk ip-thorshek
Self-sustaining halo-emitter -- shai-potunik reh-bikuv-sayek
Sell -- makau
Send -- satau
Semen -- sa-nei-masu
Semicircle -- ulef-da-kuv
Seminal vesicle -- pi'nafek t'sa-nei-masu
Seminiferous tubule -- sa-nei-pl'imev
Sensation -- kashan
Sense (n.) -- kash-ral
Sensitize -- kashovau
Sensor -- kashek
Sensor array -- kashek-zehlaya
Sensor feed -- kashek-yemek
Sensor focusing coil -- kashek-thakau-pakuv
Sensory nerve -- kash-ral-wel
Sentence (grammatical) -- zhit-bal
Sepal -- svai-mor
Separate (adj.) -- k'wuhl; dahshauk
Separate (v.) -- dahshau
Separation -- dahshaya
Septagon -- steh-vla
Septahedron -- steh-muk
Septet -- stehek
Septicemia -- khaf-gisaman
Septum -- temok
Septuplet -- t'stehsu
Sequence -- zehlanau, zehlanaya
Sergeant -- (wuh-)-traveksu
Sergeant, Master -- dah-traveksu
Sergeant Major -- reh-traveksu
Series -- weizehl
Serrated -- zudlar-shidik
Serum (anat.) -- nen-khaf-masu
Servant -- dvinsu
Serve (v.) -- dvin-tor
Service (n.) -- dvin
Sesamoid bone -- mal-nef-hinek
Set (n.) -- eku
Set (v.) -- tev-tor (as the sun); dvolau (adjust)
Sew -- og-tor
Sewage -- guhsh-masu
Sewer main -- guhsh-masu-ek'mev
Sewing machine -- og-vel
Sex (gender) -- guv
Sex chromosome -- guv-toltra
Sex hormone -- guv-dau-tukh
Sextet -- shehek
Sextuplet -- t'shehsu
Sexual discrimination -- guv-sakathilaya
Sexual harassment -- guv-smertaya
Sexual reproduction -- guv-kanashivaya
Shade (n.) -- duvek
Shadow (n.) -- duv
Shake (v.) -- hutau
Shale -- tin-kov
Shall -- dungau(-)
Shallow -- gan
Shame (n.) -- mesh
Shape (n.) -- shid
Sharp (edge) -- nas-, nasik
Shatter -- zarahk-tor
Shave -- hohl-tor
Shear (meteo., aero.) -- eitau, eitaya
Shed (v.) -- foshuhl (anc.)
Shedding (n.) -- fosha
Sheet -- thalv (anc.)
Shelf -- nef
Shell -- fo (anc.)
Shelter -- rau-nol, rau-tor
Shield (n.) -- fo-dan (anc.)
Shield emitter -- fo-dan-sayek
Shielding -- fo-danan
Shift -- izau, izaya
Shifter -- izayek
Shin -- ne-mal
Shin bone -- ne-mal-hinek
Shirt -- sav'el
Shoal -- ne'ti-hoknaya
Shock (med.) -- kolaya
Shoe (n.) -- ash'el
Shoot (v.) -- pohshau
Shop (v.) -- klepovau
Shore (n.) -- gef
Shoreline -- gef-zehl
Short -- pen
Shortage -- penak
Shorten -- pen-tor
Shot -- pohshaya
Shoulder (n.) -- tipan
Shoulder blade -- tipan-hinek
Shout -- saul, saul-tor
Shovel (n.) -- hilek
Show -- gluau, gluvaya
Shower (n.) -- mashulayek
Shred -- tresahk-tor
Shredder -- tresahk-vel
Shrub -- labah
Shut -- ikap-tor
Shutter (n.) -- fo-wein (window, etc.); ha'wein (camera)
Shuttlecraft -- shan-hali
Shuttlecraft bay -- shan-hali-sutauk
Shuttlecraft hangar -- hali-kel t'shan-hali
Shy -- fusik
Sibling -- kaisu
Sick -- has-bosh
Sickbay -- has-sutauk
Sickle -- el'urokesor
Sickness -- has-mar
Side (n.) -- vla
Sight -- glan
Sight rule (surveying) -- dah-glanekik pa'ash-pasu-skothonek
Sign (n.) -- glat
Signal -- glantokau, glantokaya
Signal beacon -- glantokau-glaribek
Signal generator -- glantokau-ferek
Signal subprocessor -- glantokau-ne-patorayek
Silent -- ralash-fam
Silica -- mazhu
Silicon -- mazhiv-tukh
Sill -- shal-zul-kov (geol.); sku (window)
Silt (n.) -- kitek
Silver (color) -- haul-kur
Silver (metal) -- haul-tukh
Similar -- kahkwa (anc.)
Simple -- velik
Sine -- vulu-tavat-zes
Sinew -- dvunek-tersayek
Sing (v.) -- uralau
Singer -- uralausu
Sink (v.) -- ne'hal-tor
Sir -- osu
Sirocco -- eshikh-salan
Sister -- ko-kai
Sit (v.) -- ku-tor
Site (n.) -- shi
Site-to-site transporter -- shi-shi-ifisek
Size (n.) -- suk'es
Skeletal muscle -- hinek-(teraya-)dvunek
Skeleton -- hinek-teraya
Sketch -- lubesan, lubes-tor
Ski (v.) -- izh-hal-tor
Skill -- renkup'es
Skin -- wadi
Skin cancer -- wadi-rasahtra
Skull -- grat
Sky -- igenous
Skylight -- ha'gel-razh
Slack water -- mashen-shom
Slant -- vul, vul-tor
Slate -- kitau-kov
Slave (n.) -- kafeh
Sleep -- yuk, yuk-tor
Slide (v.) -- zish-tor
Slime -- shuhk
Slip -- trel, trel-tor
Slipstream drive -- trel-pilash-yeturek
Slope -- vul, vul-tor
Slow -- vohris (anc.)
Small -- pl'
Smart -- klon
Smell (v.) -- finish-tor
Smith (n.) -- zhuksu
Smoke (n.) -- vuzh
Smokestack -- vuzh-mev
Smooth muscle -- shati-dvunek
Snake -- oluhr (anc.)
Sneeze (n.) -- uhfuk
Snow -- izh, izhau
Snow level -- izh-vok
Snowstorm -- izh-sahriv
So -- dom; ni
Social (adj.) -- shilaik
Society -- shila'es
Sociology -- shila-tal
Sock (stocking) -- ash'ai (ancient contraction of "ash-sai")
Sodium -- alem-tukh
Soft -- mos
Soil -- solek
Soil horizon -- ragel-zehl t'solek
Soil profile -- solek-ek'tin
Solar activity -- yel-toran
Solar constant -- yel-ek'kat
Solar eclipse -- yel-ek'duv
Solar flare -- yel-pohshaya
Solar prominence -- yel-sposhan
Solar system -- yel-pi'maat
Soldier -- ask'ersu
Sole (foot) -- lad
Solid -- huht-, huhtik; huht
Solitude -- awek'es
Solution -- kilkaya (answer); meil-masu (chem.)
Solve -- kilkau
Somatic cell -- tsuri-nala
Somatic mutation -- tsuri-nala-tselaya
Some -- ein
Someone -- ein-veh
Somewhere -- ein-wilat
Son -- sa-fu
Sonic -- ralashik
Sonic shower -- ralash-mashulayek
Soon -- ak
Sore (n.) -- sival
Sort (v.) -- wihfelau
Soul -- katra
Sound -- ralash
Sounding sand -- ralash-mazhiv
Soup -- shur
Sour -- sfith
Source -- shu-pal (anc.)
South -- khu'arak
Space -- ret (room); stukh (outer space)
Spaceship -- stukh-hali
Spacesuit -- stukh-saikhut
Spade (n.) -- ash'ya-hilek
Span (n.) -- pul-vath
Spark -- kil, kil-tor
Spasm (n.) -- runev
Spawning -- yu-mur-titaya
Speak -- stariben
Speaker (device) -- saralashek
Spear (n.) -- tilek
Speciation -- koshtrivaya
Species -- koshtri
Species longevity -- koshtri-difan'es
Spectrum -- kurtra
Speech -- starun
Speed (n.) -- threshan
Speleology -- tauk-tal
Speleothem -- tauk-titaya
Spermatozoon -- sa-nei
Sphenoid -- shihvek-vel
Sphere -- ek'kal
Spherical coordinates -- ek'kal-shi-kethellar
Spherical geometry -- ek'kal-khlop-thonik su'us-ek'tal
Spherical trigonometry -- ek'kal-reh-vlupik su'us-ek'tal
Spice -- bar-kas (anc.)
Spin -- padan, pada-tor (rotate); rada-tor (web, yarn, etc.)
Spinal canal -- plat-ur
Spinal column -- plat
Spinal cord -- plat-wel-elakh
Spinal nerve -- plat-wel
Spindle (n.) -- magu
Spine -- plat
Spiral (n.) -- kulan
Spirit (ghost) -- tam'a (anc.)
Spirit (soul) -- katra
Split open -- treshau
Spleen -- khaf-nafek
Splenectomy -- khaf-nafek-snem
Splenitis -- khaf-nafek-yonshaya
Split -- thresh, thresh-tor
Spontaneous mutation -- shai-tselaya
Spoon (n.) -- floku
Spore -- rikas-sa-nei
Sport (n.) -- torvukh
Sprain (n.) -- nauk
Spread (v.) -- sak-tor
Spring (n.) -- mopakuv (metal coil); sayumak (water)
Spring (season) -- Sikar (colloquial); kastik-wak (scientific)
Spring equinox -- ka-wak-gad t'kastik-wak
Spring tide -- dan-pid-mashen
Sprout -- tehk, tehkau
Sprout up -- saatkauhau
Spume (n.) -- puhsh
Spy -- zamasu, zama-tor
Squander (v.) -- sis-tor
Square (n.) -- keh-vla (figure); shai'us (number)
Square (v.) -- shai-wehkovaub
Square root -- shai'us-gir
Squeeze (v.) -- lerakhovau
Stability -- tihet'es
Stabilize -- tihetilau
Stabilizer -- tihetilayek
Stable (condition) -- tihet
Stack (n.) -- tuh
Staff (n.) -- fek (rod); suyu (crew, faculty)
Stage (platform) -- skaf
Stain -- kurau, kuraya
Stairs -- kaiden
Stairwell -- kaiden-ur
Stalactite -- ne-to'ovaya
Stalagmite -- abru-to'ovaya
Stamen -- kas-sa-krus
Stance -- laman
Stand (on one's feet, etc.) -- lamok (n.), lam-tor (v.)
Stand (for, in place of, etc.) -- noshau
Star -- yel
Starch (n.) -- slok
Stare -- nantu, nantaya
Starfleet -- Yel-Halitra
Starliner -- yel-su-yata
Starship -- yel-hali
Start -- palikau, palikaya
Starter -- palikayek
Stasis -- vitaya
Stasis tube -- vittau-mev
Statement -- star-krus
Static (adj.) -- vit-, vitik
Station (n.) -- wurzel
Statue -- sukhlop
Status -- nosh
Status board -- nosh-math
Stay behind -- hafoa
Steal (v.) -- vazgau
Steam (n.) -- zhis
Steel (n.) -- pishek (old contraction of "pid-shek")
Steer (v.) -- dakharau
Stellar cartography -- besaya t'yellar
Stellite -- yel-shidik
Stem (botany) -- kas-fek
Stenosis -- ritsuri-wonilaun
Step -- ash, ash-tor; ashef
Steppe -- psethtra
Sterile -- ek'puyik
Sterilize -- ek'pu-tor
Stern (ship) -- harr-krus
Sternum -- tuf-hinek
Stick (v.) -- terpau
Sticky -- terpauk
Stiff (adj.) -- stegel(-)
Stigma -- gubi
Stimulate -- kastorilau
Stimulation -- kastorilaya
Stimulus -- kastoran
Sting -- raku, raksau
Stink -- vla, vla-tor
Stipule -- mor-nen-vel
Stitch (med.) -- terog, terog-tor
Stitch (sewing) -- og, og-tor
Stock (botany) -- fek
Stolon -- sak-fek
Stoma -- kas-sharu (botany); skonn-sharu (med.)
Stomach -- skaun-sa'haf
Stone -- kov; kov-tukh
Stonecarver -- kov-skrimu
Stop -- pehkau, pehkaya
Storage compartment -- tsorayek
Store (save/savings) -- tsorau, tsoraya
Store (shop) -- mahr-kel
Storm -- sahriv
Storm surge -- sahriv-tral
Story -- var
Strabisimus -- rizehlik bezhun-nosh
Straight -- zeh-, zehik
Straighten -- zeh-tor
Strain -- his, his-tor
Strait -- masu-naf
Strange -- flekh
Stranger (n.) -- ri-fainusu
Strap (n.) -- zhel
Stratification (geol.) -- (kov-)tintaya
Stratocumulus (cloud) -- tin-tra-wan
Stratosphere -- pid-sov-ek'shal
Stratum (geol.) -- kov-tin
Stratus (cloud) -- tin-wan
Streak -- wesh, wesh-tor
Stream (n.) -- pilash (water); salash (physics)
Strength -- karik'ës
Strengthen -- karik-tor
Stress (n.) -- hishel
Stretch -- sakadau, sakadaya
Striated muscle -- slah-dvunek
Striaion -- zehl-ulidar
Strict -- wonil
Stricture -- mev-wonilaun
Strike -- kwul, kwul-tor
Strip away -- fleitau
Stroke (med.) -- shad-kisheya
Strong -- karik
Strontium -- psal-tukh
Structural integrity field (SIF) -- kel-ket'ës-vunai
Structural support -- kel-nenikaya
Structure -- kel (building); velek (form)
Stubborn -- lautuv (anc.)
Student -- orensu
Study (v.) -- orenau
Stuff (n.) -- tukh
Sturdy -- batai
Subatomic disrupter -- ne-galu-feshelek
Subcutaneous -- ne-wadiyik
Subcutaneous transponder -- ne-wadi-vavayek
Subduction -- kovtra-ne-dvun
Subduction zone -- ne-dvun-shal
Subdue -- nessau
Sublittoral zone -- glu-gef-shal
Submarine (n.) -- ne-masu-hali
Submarine canyon -- (masutra-)glu-spathel
Submarine plateau -- (masutra-)glu-pasutra
Subprocessor -- ne-patorayek
Subroutine (computer) -- ne-faiharktek
Subset -- krus-eku
Subspace -- ne-stukh
Subspace communications -- ne-stukh-svribaya
Subspace communicator -- ne-stukh-svribayek
Subspace field grid -- vunai-vis t'ne-stukh
Subspace transceiver array -- sasau-proprah-zehlaya t'ne-stukh
Subspace uplink -- ne-stukh-abrunaf
Subspace waveguide -- pral-yut t'ne-stukh
Subspecies -- ne-koshtri
Subtract -- sanem-tor
Subtraction -- saneman
Succeed -- navau
Success -- navun
Sucrase -- potau-slor-zalu
Sucrose -- potau-slor-tukh
Sugar -- slor-tukh
Sulfur -- vlau-tukh
Sum -- hau-ov (anc.)
Summer (season) -- Belaar (colloquial); falek-wak (scientific)
Summit -- dan-pid-sfek
Sun -- yel
Sunburn (n.) -- yel-wadi-yontaya
Sunrise -- gad-shen
Sunset -- gad-tevan
Sunspot -- yel-ulidar
Superconductor -- pid-spayek
Supernova (n.) -- khrash-yel
Supersaturation -- dan-vi-mashaya
Supper -- mu'yor-yem
Supply (v.) -- tanilau
Support -- nenikau, nenikaya
Support pylon -- nenikau-tersau-vel
Suppress -- nelau
Suppression -- nelaya
Surf (zone) -- pral-shal
Surface (n.) -- skonn
Surge -- tral, tral-tor
Surge arrestor -- tral-pehkayek
Surgeon -- sharushsu
Surgery -- sharushan
Surgical tissue regenerator -- sharushan-nalatra-vaferak
Surpass -- namautau
Surprise (v.) -- ak'wikmun (anc.)
Surround -- vikuvau
Survey -- skothon, skothon-tor
Survival -- rishan
Survival suit -- rishan-saikhut
Survive -- rish-tor
Sustain -- potun-tor
Suture (n.) -- terog-elakh (material); fenul (seam); terog (stitch)
Suture (v.) -- terog-tor
Swallow (v.) -- vinem-tor
Swamp (n.) -- flash
Swarm -- bish, bishau
Swash -- na-yumaya
Swash mark -- na-yumaya-zehl
Sweat -- wadashau, wadashaya
Sweep -- fnashtau, fnashtaya
Sweet -- slor
Swell (v.) -- puv-tor
Swelling -- puv
Swim -- mahal-tor (old contraction of "masu-hal-tor")
Switch (device) -- dvelek
Swoleen -- puv-, puvik
Sword -- shek
Survive -- rish-tor
Symbiont -- haterkadu
Symbiosis -- haterkadaya
Symbol -- sehtebuhk
Symmetric -- talikalik
Symmetry -- talikal
Sympathic -- hateretik
Synapse -- wel-haf
Synaptic stimulator -- wel-haf-kistorilayek
Syncline -- ne-vul
Syndrome -- kath-vuk (anc.)
Synecology -- su-malat-tal
Synovial fluid -- lesek-masu
Synovial joint -- el-lesek
Synovial membrane -- nalatra-tin t'el-lesek
Synthesis -- fereikan
Synthesize -- fereik-tor
Synthesizer -- fereikek
Synthetic -- sutorik
Syringe -- vipohtek
System -- torektra
Systemic (med.) -- ek'vukhutik

Table -- pasu
Tablemount -- masutra-pa'ash-kunel
Tachycardia -- sahari-threshan-nosh t'khaf-spol-tav
Tachyon -- sahr'gal
Tachyon beam -- sahr'gal-zehl
Tachyon field -- sahr'gal-vunai
Tachyon scanner -- sahr'gal-glashayek
Tachypnea -- sahri-threshan-eshan
Tachytely -- sahr-wakrubaya
Tact -- it
Tactful -- it-yehat
Tactless -- it-fam
Taiga -- samek-laptra
Tail -- harr
Take (v.) -- nem-tor
Tale -- var
Talk (v.) -- variben
Tall -- ha-vol (anc.)
Talon -- tsa-sphak
Talus -- mal-nik-hinek (med.); menal-guhsh(-tukh) (geol.)
Talus-creep -- menal-guhsh-dvun
Tame -- fnau, fnau-tor
Tan (color) -- mazhiv-kur
Tangent (n.) -- wuh-sfek-vel
Tank (storage) -- tuhlek
Tannin -- kas-khav-kurek
Tantalum -- t'khut-tukh
Tap (faucet) -- sayumak
Tapetum -- vek t'rikas-sa-nei
Taphephobia -- k'ha-visolektau-pthak
Tar (n.) -- leralmin (TGV), ulm (MGV)
Tar pit -- leralmin-razh (TGV), ulm-razh (MGV)
Target -- les, les-tor
Targeting sensor -- les-kashak
Tarsal gland -- bezhun-wein-pi'nafek
Taste -- zahvan, zahv-tor
Taste bud -- zahvek
Taupe -- khav-zhai-kur
Taxon -- ha-veltra
Tea -- tei (Earth-style); theris(-masu)
Teach -- saven-tor
Teachings -- savan-don-tak
Teal (color) -- yar-pla-kur
Tear(s) -- bezhun-masu
Tear drop -- bezhun-masu-thek
Tear duct -- bezhun-masu-mev
Technical -- ek'mishupik
Technicium -- saran-tukh
Technology -- ek'mishan
Tectonics -- solektra-dvun-tal
Teething -- zudaya
Tektite -- makh-vihk
Telepathy -- irak-nahan
Telescope -- irak-zan-vel
Tell -- var-tor
Tellarite -- Tellarsu
Tellurium -- vnel-tukh
Telocentric chromosome -- shaht-toltra
Temperature -- falek'es
Temporal field generator -- wak-vunai-ferek
Temporal transmitter -- wak-sasyek
Temporal transponder -- wak-vavayek
Temporary -- rikwonik
Tend (care for) -- palutunau
Tendon -- dvunek-tersayek
Tendonitis -- dvunek-tersayek-yonshaya
Tenet -- dvatai
Tenodynia -- dvunek-tersayek-kusut
Tense (grammar) -- wis
Tephra (geol.) -- thorschau-zul-tukh
Teratogenic coolant -- stislak-samuyau-tukh
Terbium -- valsh-tukh
Term (n.) -- zhil
Terminology -- zhilikam
Ternary fission -- nala-rehsaya
Terrace -- nef
Terricolous -- fi-solek-to'ovauk
Territory -- tsokal
Terror -- vash
Test (n.) -- nisan
Tether (n.) -- elsaku
Tether coupling -- elsaku-tersayek
Testa -- nei-wein
Testicular cancer -- sakal-rasahtra
Testis -- sakal
Testosterone -- sa-dau-tukh
Tetradeagon -- keh-leh-via
Tetradeahedron -- keh-leh-muk
Tetragon -- keh-via
Tetrahedron -- keh-muk
Tetrakihedron -- keh-sheh-muk
Tetrakaidecagon -- leh-leh-via
Tetrakaidekahedron -- leh-leh-muk
Tetramer -- keh-ketek
Tetramerous -- keh-krusik
Texture -- lef'es
Thalamus -- zhai'tra
Thallium -- yad-tukh
Thallophyte -- rinatilau-kastik
Thallose -- rinatilau-kasik
Thallus -- rinatilau-vukhut
Than -- do
Thank (v.) -- itaren
Thankful -- itar-bosh
That one -- ish-veh
Thelarche -- thasek-storau-palikaya
Them -- au
Then -- yi
Theorem -- kek'yed (anc.)
Theory -- wihka
Therapy -- ben-gun
There -- tra, tra'
Thermalgesia -- safalek-kusut(-nosh)
Thermocline -- musu-falek-tin
Thermoduric -- falek-rishupik
Thermodynamics -- (ek')falek-tal
Thermometer -- falek'es-thonek
Thermophile -- falek'es-ashausu
Thermosphere -- si-falek-ek'shal
Thermostat -- falek'es-dvelek
These -- aifa
They -- au
Thiamine -- wuh-bin-tukh
Thick -- bali
Thicket -- pi'laptra
Thigh -- abru-mal
Thigmotaxis -- esta-sadvun
Thin (adj.) -- wonil (anc.)
Thing -- vel
Think (v.) -- nah-tor
Thirst -- mag
This one -- nash-veh
Thoracic medicine -- tuf-has-tal
Thoracic nerve -- tuf-wel
Thoracic vertebra -- tuf-hinek, abru-pla'dor-hinek
Thoracocentesis -- tuf-masu-nisan
Thorax -- tuf
Thorium -- bogush-tukh
Thoron -- thor'gal
Thoron particle-beam rifle -- kar-pohshayek t'thor'gal-zehl
Thoron shock emitter -- thor'gal-kolau-sayek
Those -- eifa
Thought(s) -- nahe (anc.)
Thread (n.) -- og-elakh
Threat -- nan
Threaten -- nan-tor
Throat -- drahk
Throb -- gau, gaya
Thrombectomy -- khaf-vihk-snem
Thrombocyte -- vihk-nala
Thrombocytosis -- wehk-nosh t'vihk-nalalar
Thrombus -- shi-klotau-vel
Throttle (n.) -- threshan-tashek
Through -- k'fai
Through which -- k'fai'ei (TGV), k'faye (MGV)
Throw -- lehm, lehm-tor
Thrust (n.) -- kwit
Thrust iniator -- kwit-palikayek
Thruster -- kwitek
Thruster -- kwitek
Thruster array -- kwitek-zehlaya
Thruster pack -- su-kwitek
Thruster suit -- kwitek-saihut
Thulium -- irhin-tukh
Thumb (n.) -- kaur-ozh
Thunder -- rahm
Thunderstorm -- rahm-sahriv
Thymus -- tuf-pi'nafek
Thyroid gland -- drahk-pi'nafek
Tibia -- ne-mal-hinek
Tidal current -- mashen-pilash
Tidal flat -- mashen-eiktra
Tide -- mashen (old contraction of "masu-shen")
Tight -- wufik
Tighten -- wufkau
Tilt -- ayau, ayaya
Tilth -- sokasitau-solek-nosh
Timber -- lap-tukh
Time -- wak
Timer -- wakek
Tin -- zhai-tukh
Tinnitus -- kaluk-kusan
Tip (n.) -- um
Tire (v.) -- zung-tor
Tired -- zungor (anc.)
Tissue (biol., med.) -- nalatra
Tissue regenerator -- nalatra-vaferek
Titanium -- vau-tukh
Today -- nash-gad
Toe -- gof
Together -- teretuhr (anc.)
Tolerance -- wivel'es
Tolerate -- wivelau
Tomb -- brag
Tomorrow -- fa-gad
Tone (sound) -- molu
Tongs -- el'abtrashayek
Tongue -- lahv
Too (also) -- isha
Too (adv.) -- nuh'
Tool -- raul
Tooth -- zud
Top (n.) -- fik
Topsoil -- skonn-solek
Tornado -- da-eshu'a
Torpedo -- lushun
Torus -- kap-kuv
Total (adj.) -- ovsot (anc.)
Total (n.) -- ovus (anc.)
Touch (n.) -- esta
Touch (v.) -- estuhl
Touchkey panel -- esta-tal-muvik math
Tough -- dulai
Tower -- kispek
Town -- kahr
Toxic -- hasamik
Toxicology -- gisam-tal, hasam-tal
Toxin -- hasam
Toy (n.) -- leitri
Trace (v.) -- zavikau
Trace element -- pl'lekk-melak
Trachea -- esh-mev
Tracheotomy, Tracheostomy -- esh-mev-tu'ashan
Tract (med.) -- ek'ur
Tractor beam -- sesau-zehl
Tradition -- ba'tak (anc.)
Traditional -- ba-, baik
Trail (n.) -- yut
Train (v.) -- ranau
Trainee -- ne-lan
Trait -- nosutra
Transceiver -- sasau-proprahek
Transcend -- namautau
Transfer -- shan, shan-tor
Transform -- mesuvula
Transformation -- mesuvula
Transfusion (med.) -- khaf-vitanan
Transkinetic chamber -- mesakh-dvunik tvi-shal
Translate -- mesukh-tor
Translation -- mesukh
Transmission -- sasaya (signal); mesmishek (mech.)
Transmit -- sasau
Transmitter -- sasayek
Transparent -- fnagla-, fnaglatik
Transparent aluminum -- fnagla-wan-tukh
Transpiration -- kas-samasu-eshan
Transplant (v.) -- va'prah (krus)
Transponder -- va'veyek
Transport (v.) -- ifis-tor
Transport (vessel) -- ifis-hali
Transportation -- ifis
Transporter (matter) -- ifisek
Transporter beacon -- ifisek-glaribek
Transporter buffer -- ifisek-fukat
Transporter lock -- ifisek-klachek
Transporter pad -- ifisek-math
Transporter platform -- ifisek-skaf
Transporter room -- ifisek-tvi-shal
Transporter scrambler -- ifisek-parishke
Transstator -- mesnoshek
Transverse bulkhead -- mes-tvi-tempoku
Transwarp corridor -- mesakh-tchas-tvur
Transwarp drive -- mesakh-tchas-yeturek
Trap -- pash, pash-tor
Trapezohedron -- wuh-vlavlleyik wehk-muk
Trapezoid -- wuh-vlava-vel
Trash (n.) -- guush
Trauma -- khreya
Travel -- halovau, halovaya
Travel pod -- halovau-tvi'haf
Treat (v.) -- skasau
Treatment -- skasaya
Treble (high frequency sound) -- abralash
Treble frequency -- abralash-vak'ves
Tree (n.) -- lap
Trek -- halan, hal-tor
Trend (n.) -- venek
Triangle -- reh-vla
Tributary -- yemek
Tricobalt explosives -- thorshau-tukh t'reh-pla-tukh
Tricorder -- reh-vipladayek
Tridecagon -- reh-leh-vla
Trifoliata -- reh-p'Hmorik
Trigger (n.) -- ozh-gonaf
Trigonometry -- reh-vlupik su'us-ek'tal
Trihedron -- reh-muk
Trilithium explosives -- thorshau-tukh t'reh-pim-tukh
Trimer -- reh-ketek
Trimerous -- reh-krusik
Trinomial -- rehsu'us
Trio -- rehek
Trip (voyage) -- halan
Triplet -- t'rehsu
Triskaidecagon -- leh-reh-vla
Trisoctahedron -- reh-oh-muk
Trolley coupler -- ne-halektra-teretek
Tropical rain forest -- falu-masu-laptra
Troposphere -- igen-va-ek'shal
Trousers -- malanu
Truncated cone -- snem-ikun
Truncated cube -- snem-sheh-muk
Truncated pyramid -- snem-rekun
Trust -- sahrafel (anc.)
True -- yeht
Trunk (tree) -- lap-tek
Truth -- yeht'es
Tsunami -- khrash-pral
Tub -- matuhlek
Tuber -- ne-solektra-korsayek
Tuff (geol.) -- vitush-kov
Tug (equip.) -- seshayek
Tug (pull) -- seshau, seshaya
Tumor -- gnal
Tundra -- samek-psethra
Tune (v.) -- tvelkau
Tungsten -- ler-tukh
Tunnel (n.) -- ur
Turbine -- mor-dayek
Turbolift -- seshan-sa'adek
Turbolift car -- seshan-sa'adek-hal
Turbolift shaft -- seshan-sa'adek-ur
Turbulence -- wauk
Turbulent -- wauk-\&, waukik
Turgor -- nala-ne'hish-stegal'ës
Turn (v.) -- da-tor
Turquoise (color) -- folu-kur
Turquoise (stone) -- folu
Twig -- pi'gel
Twice -- dah'wak
Twin -- t'dahsu
Tympanic membrane -- zuh-nalatra-tin
Type (kind) -- ves
Typhoon -- suh'masutra-eshu'a

Ugly -- watosh
Ulcer -- razhen
Ulemorrhagia -- zud-wadi-khafaya
Ulitis -- zud-wadi-yonshaya
Ulna -- tvik ne-kar-hinek
Ultimate -- dan-ek
Ultramarine (color) -- ug'pla-kur
Umbilical cord -- tersau-elakh
Umbilicus -- kesazh
Umbra -- duv
Unaka (geol.) -- suh'haf-kunel
Unaligned -- rizehlik
Unction -- elムvak
Under -- ne'
Understand -- ken-tor
Unexpected (n.) -- ri-gishu
Unguis -- felu
Unimatrix shielding -- wuh-viskulanik fo-danan
Unique -- wuhin-, wuhinik
Uniramous -- rigelik
Uniseriate -- wuh-zehlik
Unisexual flower -- wuh-guv-svai
Unit -- kebi
Unite -- kaunshau
United -- kaunshuk
United Federation of Planets -- Teraya Kaunshuk t'Ek'tralar
Unity -- kaunsh'ës
Universal translator -- ek'mesukh-stari-vel
Universe -- stukhra
Univoltine -- wuh-tevun-vinik
Unknown (n.) -- ri-fainu
Unless -- vita
Unlikely -- rikesik
Unobtainable -- tah (anc.)
Unsaturated fat -- ribosh-thel'a
Until -- ab'i'
Unusual -- ritsuri
Uplink (n.) -- abru'naf
Upper integral -- weh-abru-ketil
Upper limit -- weh-abru-grei
Upper mantle (geol.) -- abru-tvi-kovtra
Upper sum -- weh-abruhik hau-ov
Upright -- abruvenik
Upward(s) -- abru'le
Upwelling -- (masu-)abru-dvun
Upwind -- abru'salanik
Uraninite -- shu-kov
Uranium -- shu-tukh
Ureter -- kapol-nafek-mev
Urethra -- vazh-mev
Urethritis -- vazh-mev-yonshaya
Urethropaxis -- vazh-mev-klotaya
Urgent -- akali
Urinate -- vazhau
Urination -- vzhaya
Urine -- vazh
Urodyina -- vazhau-kusut(-nosh)
Urology -- vazh-ek'ur-tal
Us (normal) -- etek
Us (superior) -- etwel
Usage -- isan
Use -- is, is-tor
Use up -- neis-tor
Useless -- is-fam
Usual -- tsuri
Uterus -- sudef
Utility belt -- isan-san-zhel

Vaccinate -- ro-kasau
Vaccination -- ro-kasaya
Vaccine -- ro-kas
Vacuole -- nala-korsau-haf
Vagile -- kup-padvunik
Vagility -- kup-padvun'es
Vagina -- keshtan-ur
Vaginitis -- keshtan-ur-yonshaya
Valley -- ku-li (anc.)
Valuable -- taluhk
Value (n.) -- tala
Valve -- spunek
Vanadium -- kaul-tukh
Vapor -- muhs
Variable (n.) -- vuhnayek
Variant (n.) -- vuhnaya
Variation -- vuhnaya
Varied -- vuhnal-, vuhnalik
Variety -- vuhna'es
Various -- vuhnauk
Vary -- vuhnau
Vas deferens -- suk'sa-nei-mev
Vascular -- khaf-mevik
Vasculitis -- khaf-mev-yonshaya
Vat -- (suk')matuhlek
Vector (n.) -- vukharat
Vegetable -- sazh
Vegetarian (n.) -- kastik-goh-yokulsu
Vegetation -- kastra
Vein (anat.) -- os-khaf-mev
Velocity -- threshan
Venation -- mor-mevaya
Venom -- ausham
Vent (n.) -- krau
Ventilation -- kraulaya
Ventilator -- kraulayek
Verb -- tor-zhit
Verification -- rihamaya
Verify -- rihamau
Vermilion -- yon-zhar-kur
Vernal equinox -- ka-wak-gad t'kastik-wak
Vertebra -- plat-hinek
Vertebral column -- plat
Vertex -- um-sfek
Vertical -- abru'lik
Vertical fault -- abru'lik dvun-zehl
Very -- maut
Vessel (ship) -- hali
Vex -- smertau
Victor -- skilsu
Victory -- skil
View (v.) -- zan-tor
Viewscreen -- gluvayek
Vigor -- hakar
Vigorous -- hakarik
Village -- pi'kahr
Vine -- kas-elakh
Vinegar -- sfith-masu
Violence -- khrash
Violent -- khrasheik
Violet (color) -- mu'gahv-kur
Virion -- rihak-pil'krus
Viroid -- rihak-vel
Virus -- rihak
Visit -- yaret, yaretau
Visual sensor pickup -- gla-kashek-prahek
Vital -- bol-, bolik
Viviparous -- tvi-yu-mursuk
Vocabulary -- zhit-feim
Vocal cord -- spesek
Voice -- spes
Voice/data selector -- spes-faik-dvelek
Volcanic ash -- sposhan-vitush
Volcanic bomb -- sposhan-vihk
Volcanic chain -- zul-kunel-zehl
Volcanic cloud -- sposhan-wan
Volcanic crater -- zul-razh
Volcanic ejecta -- thorshau-zul-tukh
Volcanic eruption -- zul-kunel-sposhan
Volcanic glass -- zul-makh
Volcanic sand -- zul-mazhiv
Volcanic vent -- zul-ru'lut
Volcano -- shiy'xon, zul-kunel
Volt -- toruk
Voltage -- toruk'es
Volume -- mog'es (math, physics); ral'es (loudness)
Volume control -- ral'es-tash(ek)
Voluntary -- toripik
Voluntary muscle -- tash-dvunek
Vomit -- pluhk, pluhk-tor
Vortex -- tchef
Voyage -- halan, hal-tor
Vug (geol.) -- kov-razh
Vulcan (person, language, etc.) -- Vuhlkansu
Vulcan (planet) -- T'Khasi
Vulcan Academy of Sciences -- Shi'Oren t'Ek'Tallar T'Khasi
Vulcan Diplomatic Courier Service -- Dutarik Sklada-Dvin T'Khasi
Vulcan Institute of Technology -- Trahokna t'Ek'Mishan T'Khasi
Vulcan Security Force -- V'Shar (anc.)
Vulkankind -- vuhlkanka
Vulcanology (study of volcanoes) -- zul-kunel-tal
Vulcanology (study of Vulcans) -- vuhlkansu-tal
Vulva -- kotik si-guv-kruslar

Waist -- san
Wait (v.) -- bek-tor
Walk (n.) -- lates (anc.)
Wall -- temok
Want -- aitlu, aitlun
War -- ahkh (anc.)
Warfare -- ahkhan
Warhead -- thorsh-tam
Warm -- lamek
Warn (v.) -- vikau
Warp core -- tchas-tviyan
Warp core breach -- tchas-tviyan-shaya
Warp conduit -- tchas-mev
Warp diagnostic assembly -- feretai t'tchas-nosh-nisaklar
Warp drive -- tchas-yeturek
Warp engine -- tchas-mishu
Warp engine nacelle -- tchas-mishu-leshek
Warp factor -- tchas-klai
Warp field -- tchas-vunai
Warp plasma conduit -- tchas-snazh-mev
Warp plasma filter -- tchas-snazh-kapol
Warp plasma stabilizer -- tchas-snazh-tihatelayek
Warp plasma subprocessor -- ne-patorayek t'tchas-snazh
Warp speed -- tchas-threshan
Warrant officer -- ulef-lan
Wart -- gakh
Wash (v.) -- pu-tor
Waste (v.) -- thinoi
Waste management system -- guhsh-khartau-torektra
Wastewater -- guhsh-masu
Wastewater recycling plant -- va'ash-da-nelek t'guhsh-masu
Watch (v.) -- glantau
Watch over -- paluntunau
Water -- masu; mashau
Water main -- masu-ek'mev
Water table -- masu-tin
Waterspout -- masutra-eshu'a
Watertight -- masu-fenk(-)
Waterway -- masu-yut
Watt -- purtwi
Wattage -- purtwi'es
Wave (n.) -- pral
Waveguide -- pral-yut
Way -- yut
We (normal) -- etek
We (superior) -- etwel
Weak -- kobat
Weaken -- kobatau
Weakness -- kobat'esi
Wealth -- don-tak (anc.)
Weapon -- wun
Weather -- igen-va (n.), igen-vasha (v.)
Weathering -- igen-vashan
Web -- vis
Wedge (n.) -- shihvek
Weed (n.) -- vedik
Weep -- tusa
Weigh (v.) -- rasathau
Weight -- rasath
Weird -- flekh
Weld (v.) -- falterau
Well (adj.) -- muhl
Well (n.) -- masu-razh
West -- tev'rak
Wet -- masupik
Wetland(s) -- masu-kas-shal
What -- ra
Wheat -- kap-yar
Wheel (n.) -- halek
When -- lu
Where -- wilat
Which -- if
White -- wan-kur
Who -- vi
Whole blood -- ek'khaf
Whole number -- ek'su'us
Whose -- t'vi
Why -- po
Wide -- eik
Width -- eik-vath
Widening -- eikan
Wife -- ko-telsu
Wild (not tame) -- kwai
Wilderness -- shi'kwai
Wildlife -- kwai-aushfatra
Will (v.) -- dungi, dungi-
Win -- skil, skil-tor
Wind -- salan (n., meteor.); kuvor-tor (v.)
Wind shear -- salan-eitaya
Winding (n.) -- kuvoran
Window -- krani
Wing (n.) -- rala
Winner -- skilsu
Winter (season) -- Karil, "Kareel" (colloquial); irak-wak (scientific)
Wire (n.) -- raf-elakh (elect.), mokelakh (metal)
Wisdom -- kau
Wise -- kau-bosh
Wish -- istau, istaya
Withdraw -- saseshau
Without -- rik'
Witness -- toglantausu (n.), toglantau (v.)
Woman -- kosu
Womb -- sudef
Wood -- lapan
Woodcarver -- lapan-skirmsu
Woodland -- lap-shal
Woody -- lapanik
Word -- zhit
Work -- ar'kada, ar'kadan
Workbee -- ar'kada-ravot
Workshop -- zup-shal
World -- panu
Wormhole -- stukh-riur
Worse -- weh-rasahkos (anc.)
Worth -- don
Wound (n.) -- skek
Wrench -- mish-vel-ralu
Wrist -- kar-nik
Wrist communicator -- kar-nik-svribayek
Write -- kita
Writer -- kitausu
Wrong -- riyeh(·)

X-axis -- sih-da-sfek
X-ray -- vak-zehl, vak-zehl-tor
Xanthophyll -- kas-kin-kurek
Xenobiology -- akan-ha-tal
Xenolith -- vi-kwitau-kov
Xenon -- ritsuri-tukh
Xenophobia -- ri-fainusu-pthak
Xeric -- neik-masu'es-kasik
Xerophyte -- neik-masu'es-kastik
Xylem -- tvi-tin t'lap-vukhut
Xylose -- lapan-slor-tukh
Y-axis -- tih-da-sfek
Y-intercept -- tih-fnakaya
Yard (n.) -- ker (anc.)
Yardang (geol.) -- salan-kov-zehl
Yawn -- luvau, luvaya
Year -- tevun
Yeast -- she-luk
Yell -- saul, saul-tor
Yellow -- kin-kur
Yeoman -- gol'nevsu
Yes -- ha
Yesterday -- za-gad
Yet -- wi
Yet, not -- ri wi
Yolk (egg) -- vek
Yolk sac -- vek-sa'haf
You -- du, tu
You (reflexive) -- vu
Young -- nu'ri(-) (anc.)
Ytterbium -- sasal-tukh
Yttrium -- arlanga-tukh

Z-axis -- pih-da-sfek
Zenith -- shi'dan-abru
Zero -- ris
Zinc -- tsau-tukh
Zirconium -- t'la-tukh
Zonation -- shalitaya
Zone -- shal
Zoo -- shi'asha
Zoology -- aushfa-tal
Zoophobia -- aushfa-pthak
Zooplankton -- masutra-numo-aushfa
Zygomatic bone -- nak-hinek
Zygomorphic -- wuh-pa'ashutik
Zygote -- sto-yu-mur
Zymase -- naliveh-zalu
Zymogen -- za-zalu
INTRODUCTION TO GOLIC VULCAN GRAMMAR
Ragtaya na’Zhit-Isan Gol-Vuhl kansu

The language Traditional Golic (TGV), also variously known to offworlders as "Old Vulcan", "High Vulcan", "Ceremonial Vulcan" or "Old Liturgical Vulcan" and known from the time of Surak and his followers, is descended from what historians usually call "Ancient Golic Vulcan", the language spoken at least 25,000 years ago on the Plains of Gol and surrounding regions. Its directly descended modern form is called Modern Golic (MGV). (Another descendant of Ancient Golic Vulcan is the extinct FthinraKathi, which is also discussed separately on our site.) Traditional Golic continues to be spoken in ceremonial usage, at traditional schools of various disciplines (such as those at Gol and Mount Seleya), by poets and writers of certain styles of literature, by devout followers of Surak's teachings, and by members of many old clans. It is one of three "official" languages of the planet Vulcan (T’Khasi) and all educated Vulcans speak the language in addition to other dialects, somewhat like the status Latin had for something like 1,500 years on Earth. Modern Golic is the dialect spoken by the people who live in the Gol region.

Philologists and linguists from outside T'Khasi often use the term "Old High Vulcan" in Federation Standard English (FSE) to describe the traditional form of speaking the Golic Vulcan language, although this is not accurate and has lead to much confusion. Linguistic experts from T'Khasi itself call this language "Ba-Golik" (Traditional Golic) or more formally, "Ba-Gol-Vuhl kansu". The contemporary form is often incorrectly called "High Vulcan" (HV) by offworlders but "Iyi-Golik" (Modern Golic) or "Iyi-Gol-Vuhl kansu" by the Vulcans. This is roughly similar to the difference between the King's English and American English on Earth -- the first lead to the second and, although they have their differences, they are still, for the most part, the same language. When you see the term "Old High Vulcan", consider it an umbrella term for the two languages when the reference can or does refer to either or both forms of the Golic Vulcan.

Grammar Fundamentals

TGV is a "compounding" language. Basic words and roots are put together to make new words, a lot like the Germanic languages of Earth. For example, the TGV for "mouth" is "ru'lut" and for "water" or "fluid" is "masu". If you combine the two smaller words, you get "ru'lut-masu", which means "saliva" (literally "mouth-water"). Some ancient compound words, like "kun-ut" ("marriage" or "bonding") have lost their separate meanings. Also, some adopted ancient words are no longer obvious compounds. Most compound words have a " - " ("pakh", similar to a hyphen) separating their roots. Saga'sek's Third Word Law states, "No more than three root words can combine to form a compound word, although a full word triad can take prefixes and suffixes." For example, "fal-tor-pan" is possible (as is "nafal-tor-pan" or "fal-tor-pan'es"), but never something like "ahn-wun-san-zhel" (which should be written "san-zhel t'ahn-wun"). Students should learn to split up compound words to analyze their roots.

Another important point with TGV can be made by using a rough comparison with Old Icelandic and Modern Icelandic from Earth. Modern Icelandic builds up new vocabulary by "recycling" an obsolete word or a word from the older language. Golic Vulcan does this as well. One of many examples is the term for "computer" which is based on the old word "tum", meaning "tally" and the common "vel", meaning "thing". "Tum-vel" literally means "tally(ing) thing", but is adapted for modern terminology. Remnants of this can be found in many other languages as well.

TGV is also an affixing language. Prefixes and suffixes are added to words (simple or compound) to modify them. In TGV, most nearly all words corresponding to prepositions are prefixes. These are usually separated from the word they modify by a Vulcan "half-stop" ("ulef-pekhaya") or " " (similar to an apostrophe). For example, "etwel" means "us" but "k'etwel" means "with us" and "s'etwel" means "from us". Suffixes are also important. They can be directly affixed, or separated by " " or " - ". For example, "fonn" (loyal) and "fonn'es" (loyalty) or "kan" (child) and "kan-fam" (childless). When new to the language, it is easy to confuse
a compound word with a suffixed word. Also, certain ancient words handed down or adopted from now-extinct languages, like "t'forti" (finally), may look like they are prefixed but they are not. Memorizing the historical exceptions will help to prevent confusion later on.

Finally, GV is a "syntactic language", meaning sentence construction and word order determine meaning. There are no declensions and practically no inflections to cause confusion.

**GOLIC VULCAN AFFIXES**
Tereklar Gol-Vuhlkansu

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>abi'</td>
<td>until</td>
</tr>
<tr>
<td>abru'</td>
<td>above, over</td>
</tr>
<tr>
<td>be'</td>
<td>beside, near, next to</td>
</tr>
<tr>
<td>du'</td>
<td>while, during</td>
</tr>
<tr>
<td>fa'</td>
<td>before, in front of</td>
</tr>
<tr>
<td>fi'</td>
<td>on, atop</td>
</tr>
<tr>
<td>fna'</td>
<td>through</td>
</tr>
<tr>
<td>k'</td>
<td>with, by</td>
</tr>
<tr>
<td>kwil'</td>
<td>from a distance, from far away</td>
</tr>
<tr>
<td>mes'</td>
<td>across</td>
</tr>
<tr>
<td>na'</td>
<td>at, to(wards); for</td>
</tr>
<tr>
<td>ne'</td>
<td>below, under, down</td>
</tr>
<tr>
<td>pa'</td>
<td>around</td>
</tr>
<tr>
<td>po'</td>
<td>after</td>
</tr>
<tr>
<td>rik'</td>
<td>without</td>
</tr>
<tr>
<td>s'</td>
<td>from, out of</td>
</tr>
<tr>
<td>si'</td>
<td>outside (of)</td>
</tr>
<tr>
<td>svl'</td>
<td>amongst, between, inside (of)</td>
</tr>
<tr>
<td>t'</td>
<td>of, belonging to</td>
</tr>
<tr>
<td>vi'</td>
<td>into</td>
</tr>
<tr>
<td>za'</td>
<td>behind</td>
</tr>
<tr>
<td>Prefix</td>
<td>Meaning</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td>abru-</td>
<td>over~, up~</td>
</tr>
<tr>
<td>dan-</td>
<td>~est, most ~</td>
</tr>
<tr>
<td>ek'</td>
<td>all, total, pan~</td>
</tr>
<tr>
<td>fa-</td>
<td>fore~, front~, bow~, anterior</td>
</tr>
<tr>
<td>fe-</td>
<td>pre~, ante~</td>
</tr>
<tr>
<td>fna-</td>
<td>through(~)</td>
</tr>
<tr>
<td>fu-</td>
<td>proto-</td>
</tr>
<tr>
<td>i'</td>
<td>now, at this moment</td>
</tr>
<tr>
<td>ish-</td>
<td>that</td>
</tr>
<tr>
<td>ki'</td>
<td>to have + verb (participial)</td>
</tr>
<tr>
<td>kup-</td>
<td>to be able (to)</td>
</tr>
<tr>
<td>kwī-</td>
<td>tele~</td>
</tr>
<tr>
<td>la'</td>
<td>here</td>
</tr>
<tr>
<td>lau-</td>
<td>may, might</td>
</tr>
<tr>
<td>mes-</td>
<td>cross(~)</td>
</tr>
<tr>
<td>mesakhi</td>
<td>trans~</td>
</tr>
<tr>
<td>nash-</td>
<td>this</td>
</tr>
<tr>
<td>ne-</td>
<td>under~, down~, sub~</td>
</tr>
<tr>
<td>nuh'</td>
<td>too (fast, slow, etc.)</td>
</tr>
<tr>
<td>pa-</td>
<td>circum~</td>
</tr>
<tr>
<td>pi'</td>
<td>diminuative prefix</td>
</tr>
<tr>
<td>pla'</td>
<td>back(<del>), retro(</del>)</td>
</tr>
<tr>
<td>po-</td>
<td>after~, post~</td>
</tr>
<tr>
<td>sa~</td>
<td>ex~, outward(~); from out of, away from (combining form)</td>
</tr>
<tr>
<td>sha'</td>
<td>one's own</td>
</tr>
<tr>
<td>shati-</td>
<td>auto(~)</td>
</tr>
<tr>
<td>shi'</td>
<td>place (of) . . .</td>
</tr>
<tr>
<td>si-</td>
<td>exo~, outer(<del>), ecto</del>, extra~</td>
</tr>
<tr>
<td>tehni-</td>
<td>anti-</td>
</tr>
<tr>
<td>tra'</td>
<td>there</td>
</tr>
<tr>
<td>tvī-</td>
<td>endo~, inner~, inter~</td>
</tr>
<tr>
<td>u'</td>
<td>as (a)</td>
</tr>
<tr>
<td>ul-</td>
<td>semi(<del>), demi(</del>), part(<del>), partial(</del>)</td>
</tr>
<tr>
<td>va'</td>
<td>infinite, innumerable, immeasurable</td>
</tr>
<tr>
<td>va~</td>
<td>re~</td>
</tr>
<tr>
<td>vesh'</td>
<td>to have been, was, were + verb = past tense</td>
</tr>
</tbody>
</table>
### Common Suffixes

<table>
<thead>
<tr>
<th>Suffix</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>~an</td>
<td>added to name, similar to Mr. or Ms.</td>
</tr>
<tr>
<td>~lar</td>
<td>plural</td>
</tr>
<tr>
<td>~su</td>
<td>~er, ~or, ~ist, ~man, ~person (and their language)</td>
</tr>
<tr>
<td>~tra</td>
<td>mass, expanse, grouping, collection, etc.</td>
</tr>
<tr>
<td>ʻes</td>
<td>~ness, ~ity, ~ty, ~cy; ~ment, ~tion</td>
</tr>
<tr>
<td>ʻKahr</td>
<td>city, town, ~ton, ~ville</td>
</tr>
<tr>
<td>ʻle</td>
<td>~ward, ~ways</td>
</tr>
<tr>
<td>ʻrak</td>
<td>position/place(ment), ~th</td>
</tr>
<tr>
<td>-akteiben</td>
<td>~ment, ~tion (rare in contemporary usage, see ʻes)</td>
</tr>
<tr>
<td>-bosh</td>
<td>~ful, possessing/having a lot (of something)</td>
</tr>
<tr>
<td>-elakh</td>
<td>(·)line, (·)wire, cable</td>
</tr>
<tr>
<td>-fam</td>
<td>~less, lacking, without</td>
</tr>
<tr>
<td>-hali</td>
<td>vessel, vehicle, ~ship, ~cycle</td>
</tr>
<tr>
<td>-kahk</td>
<td>~like</td>
</tr>
<tr>
<td>-kam</td>
<td>denotes affection (usually mother-child)</td>
</tr>
<tr>
<td>-kan</td>
<td>child</td>
</tr>
<tr>
<td>-kel</td>
<td>building, structure</td>
</tr>
<tr>
<td>-kelek</td>
<td>~home, ~house</td>
</tr>
<tr>
<td>-kov</td>
<td>(<del>)rock, (</del>)stone</td>
</tr>
<tr>
<td>-kur</td>
<td>color</td>
</tr>
<tr>
<td>-lan</td>
<td>designates a military rank</td>
</tr>
<tr>
<td>-razh</td>
<td>~hole, <del>shaft, (</del>)pit</td>
</tr>
<tr>
<td>-tal</td>
<td>~ology, study, discipline</td>
</tr>
<tr>
<td>-tor</td>
<td>added to noun or root to make verb</td>
</tr>
<tr>
<td>-tukh</td>
<td>stuff, material, matter, substance, ~ium</td>
</tr>
<tr>
<td>-veh</td>
<td>~one, ~body</td>
</tr>
<tr>
<td>-vel</td>
<td>object, (~)thing, item</td>
</tr>
<tr>
<td>-wilat</td>
<td>~where, ~place</td>
</tr>
<tr>
<td>-yehat</td>
<td>~able, ~ible</td>
</tr>
<tr>
<td>-yem</td>
<td>(~)meal</td>
</tr>
</tbody>
</table>
Verb-Noun Word Pairs

Most Golic Vulcan words come in what are usually called verb-noun word pairs. If you know the verb, you can often determine the related noun, or vice versa. Most GV verb-noun pairs follow one of several standard patterns. This subject is addressed in the language lessons. The table below shows the most common forms with sample words:

<table>
<thead>
<tr>
<th>Type</th>
<th>Noun ending</th>
<th>Noun</th>
<th>Verb</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(none)</td>
<td>saul</td>
<td>saul-tor</td>
<td>most common; bare root plus -tor to make verb</td>
</tr>
<tr>
<td>2</td>
<td>(varied)</td>
<td>ha’kiv</td>
<td>ha-tor</td>
<td>ancient compound with root extracted plus -tor</td>
</tr>
<tr>
<td>3</td>
<td>(varied)</td>
<td>talal</td>
<td>tal-tor</td>
<td>noun variant to prevent similar word confusion</td>
</tr>
<tr>
<td>4</td>
<td>(varied)</td>
<td>esta</td>
<td>estuhl</td>
<td>ancient words, highly irregular with no pattern</td>
</tr>
<tr>
<td>5</td>
<td>an</td>
<td>psth'an</td>
<td>ptha</td>
<td>ancient words, n added to verb to make noun</td>
</tr>
<tr>
<td>6</td>
<td>an</td>
<td>tevan</td>
<td>tev-tor</td>
<td>pre-Surak words, an dropped and -tor added</td>
</tr>
<tr>
<td>7</td>
<td>aya</td>
<td>shaya</td>
<td>shau</td>
<td>u dropped from verb, ya added to make noun</td>
</tr>
<tr>
<td>8</td>
<td>~n</td>
<td>shen</td>
<td>she-tor</td>
<td>pre-Surak words, n dropped and -tor added</td>
</tr>
<tr>
<td>9</td>
<td>shan</td>
<td>reshan</td>
<td>resha</td>
<td>pre-Surak words, n added to verb to make noun</td>
</tr>
</tbody>
</table>

GOLIC VULCAN ETYMOLOGY

Zhit-Vesht-Tal Gol-Vuhlkansu

"Traditional Golic Vulcan" and "Modern Golic Vulcan" are part of a family of closely related languages descended from an extinct ceremonial liturgical Vulcan language (CLV) spoken millennia ago by those at the discipline centers of Gol and the surrounding region, which in turn was descended from the Ancient Golic Vulcan (AGV) of at least 25,000 years ago. AGV has been likened to the Indo-European root language of Earth. Little is known of AGV and those who spoke it because wars and natural disasters have wiped away most traces of that culture. The surviving pieces of information come from fragments of ancient texts and archeological discoveries, such as those in the region of the Obelisks of Vulcan.

Many Golic Vulcan words are descended from words rooted in mythology, warfare or religion, because those things dominated Vulcan life for untold millennia. We feel that understanding the history of a word will make learning the language more interesting and shed light on the culture of Vulcans past and present.

Below is basic etymological information on a variety of Golic Vulcan words, including their roots back to CLV and AGV where known. Those interested in the origin of words should find this fascinating.

A’rak (positive) -- unchanged word from CLV, derived from AGV "á-rhak", meaning "good direction".
Abri' (over) -- from CLV "apru" and AGV "ápruu".
Abri'le (upwards) -- from CLV "apru'leh" and AGV "ápruullh".
Abri-mal (thigh) -- literally "upper leg".
Aftum (kitchen) -- unchanged word from CLV, derived from AGV "âffu'dümüh", meaning "cooking chamber".
Ahkh (war) -- from an ancient non-Golic word, "âikhh".
Ahksu (warrior) -- literally "war person".
Ahm (name) -- unchanged word from CLV and AGV.
Ahs (jaw) -- unchanged word from CLV and AGV.
Aifa (these) -- from CLV "aif"u and AGV "ayivu".
Aikum (moon) -- unchanged word from CLV; AGV form is unknown.
Ak (soon) -- unchanged word from CLV and AGV.
Ak'spra (heretic) -- unchanged word from CLV, derived from AGV "ahr'shrátu", meaning "one who goes against what is written".
Ale'm (salt) -- unchanged word from CLV and AGV.
Alemtukh (sodium) -- literally "salt stuff", because common salt is comprised of sodium and chlorine.
Aluk (fish) -- unchanged word from CLV; AGV form is unknown.
Arlanga-tukh (yttrium) -- chemical element first found in the Arlanga mountain range.
Asal (morning) -- from CLV "ashâhil", derived from AGV "âşâ'il", the rising (time).
Ash-vel (shoe) -- literally "treading thing".
Au (them/they) -- unchanged word from CLV, derived from AGV "á".
Ausham (venom) -- unchanged word from CLV, derived from AGV "âşümüh".
Avon (hunger) -- from CLV "avonn", derived from AGV "âfthonnh".

Bah-ker (garden) -- unchanged word from CLV, derived from AGV "bâha-kèrru", meaning "food yard".
Bar-kas (spice) -- unchanged word from CLV, derived from AGV "bârrh-kâšu", meaning "tongue-biter", an effect of spices.
Bes (drawing) -- from CLV "bæs" and AGV "b'hàs".
Bezhun (eye) -- from CLV "baeshun" and AGV "b'hâshún/h".

Da-fek (axle) -- literally "turn(ing)-pole".
Da-rala-hali (helicopter) -- literally "turning wing vehicle".
Da-sfek (axis, pivot) -- literally "turn(ing)-point".
Dah-halek (bicycle) -- literally "two-goer", as in a conveyance with two wheels.
Dan (rotation) -- from CLV "dahn" and AGV "dhânh".
Danau (to explain) -- unchanged word from CLV, derived from AGV "dhánâ".
Dau (to affect) -- unchanged word from CLV, derived from AGV "dhâ".
Dawan (an undependable person) -- from CLV "dâlwânu" and AGV "da'wilhân".
Don-ka (rich) -- unchanged word from CLV, derived from AGV "dôn-h-kâ", meaning "money-having".
Dun (paper) -- unchanged word from CLV, derived from AGV "dûnh", a papyrus-like paper made from the fibers of an edible root.
Dunap (book) -- from CLV "dunapi", derived from AGV "dûnh-abû", "scroll".

Ek'zer (gem/jewel) -- unchanged word from CLV, derived from AGV "àh-zèrrh", meaning roughly "all-value", from a very ancient practice of using gems as monetary units.
Esh (breath) -- from CLV "aesk" and AGV "àš".
Esh-tukh (oxygen) -- literally "breath(ing) stuff".
Esh-mev (trachea) -- literally "breath(ing) tube".

Glan (sight) -- from CLV "glahn" and AGV "glânh".

Ha-tor (to live) -- from CLV "hathor" and AGV "hahdôrh".
Hal-tor (to go/to proceed) -- from CLV "hahltor" and AGV "hlahdôrh".
Hali-kel (hangar) -- literally "vehicle structure".
Halitra (fleet) -- literally "vehicle mass", meaning a large group of vehicles.

Masu-hali (boat) -- literally "water vehicle".
Ne, Ne' (below/under) -- from CLV "næ" and AGV "nåh".
Ne’le (downwards) -- from CLV "næ'leh" and AGV "nålleh".
Ne-lan (cadet) -- literally "under-rank".
Ne-mal (shin) -- literally "under-leg".
Ne-masu-hali (submarine) -- literally "underwater vehicle".
Ne-seshan (gravity) -- literally "down-pull".

She’rak (east) -- literally "rising direction" (from the rising suns).
Shen (rise, n.) -- from CLV "skæn" and AGV "ɕ’än".
Shetau (to become) -- from CLV "shætau" and AGV "ɕ’ánta".
Spohan (eruption) -- from CLV "spohshan" and AGV "sp'āŋhonh".
Stukh-hali (spaceship) -- literally "space vehicle".
Swana (a rare and precious item) -- from CLV "swlana" and AGV "s'w'lhán".

Tor (to do/to make) -- from CLV "thor" and AGV "dhórh".

Ukraluk (reptile) -- unchanged word from CLV, derived from AGV "úhrállu", meaning "one who crawls".

Wan (cloud) -- from CLV "wlan" and AGV "w'llán".
Wan-kur (white) -- literally "cloud-color", because clouds are one of the few "white" items historically on Vulcan.
Wan-tukh (aluminum) -- literally "cloud-stuff", because the metal is light in color and weight.

Yel-hali (starship) -- literally "star vehicle".

More coming soon! Please check the Vulcan Language Institute Website at www.vulcanlanguage.com for updates.

**Explanation of AGV and CLV orthographical symbols:**

**Ancient Gothic (AGV):**

- á -- nearly identical to GV "au"
- à -- does not exist in GV, a short "a" sound similar to English "a" in "can" and "bat"
- é -- nearly identical to GV "eit"
- è -- nearly identical to GV "eh"
- í -- does not exist in GV, similar to lengthened OHV "ii"
- i -- nearly identical to GV "ih"
- ó -- does not exist in GV, similar to lengthened OHV "oo"
- ô -- nearly identical to GV "oh"
- ú -- does not exist in GV, similar to lengthened OHV "uu"
- û -- nearly identical to GV "uh"
- § -- does not exist in GV, approximated by GV "shk"

**Old Ceremonial/Liturgical (CLV):**

- æ -- does not exist in GV, a short "a" sound similar to English "a" in "can" and "bat"
**Sentence Order**
As a syntactic language, sentence order is very important in GV. The verb is almost always placed first in the sentence, although it may move for emphasis or in certain literary styles. Subjects are placed before objects in the sentence. The language tends to be "contextual" in that understood or previously mentioned things are seldom repeated, unless needed for emphasis. Non-Vulcans sometimes have a tough time understanding a conversation when pronouns, subjects and objects are dropped out. Vulcans usually find it wasteful to use more words than are truly necessary to get a point across. Normally full word usage is only done in teaching situations or formal literature.

**Stress**
Stress is somewhat variable in GV, although purists invariably put the stress on the second syllable of a word or root word, or the second part of a compound. Irregularities in stress are nearly all confined to adopted words from ancient or extinct languages. *Remember not to count prefixes and suffixes when determining stress.* The root word, whether compound or not, is what stress is based on. By memorization and listening to native speakers, you should have no difficulty in perfecting where stress falls.

**Written Vulcan**
The Vulcans who speak GV use three main styles of writing the sounds of their language. Each of these styles has a specific place in Vulcan life and society. Although they are known by various names, the most widely accepted names are Ceremonial, Common and Media. "Ceremonial" is the most ornate style, preserving a certain amount of the ancient pictographic nature of Vulcan languages. This script is used for most inscriptions, official legal and family documents, and all major logical/philosophical works. This is the style that Surak and his contemporaries used throughout their works. The "Common" script is that used in day-to-day life for writing notes, journals and correspondence, and for any use that the "Ceremonial" is not appropriate. It is not as intricate as the "Ceremonial" script and is much quicker to write. The "Media" script is a simplified form used for mass-produced printings and computer displays. It is very easy to tell the different styles apart from each other.

**Alphabet**
The alphabetic system used in GV is made up of three sets of three groups of three phonetic symbols -- 27 symbols in all. Each symbol represents a unique sound in the language. There are no redundant symbols. Since this instruction is for speakers of Federation Standard English (FSE), we will not be using Vulcan symbols. The actual Vulcan order of their letters is:

```
S T P K R L A Sh O U D V Kh E H G Ch I N Zh M Y F Z Th W B
```

In the early days of Earth-Vulcan contact, before the United Federation of Planets was formed and FSE was formalized, an inaccurate transcription alphabet was devised for FSE speakers and many of these errors have continued to the present in many of the Vulcan languages. You often see "y" written instead of the more accurate "ai", for example. This is because the "y" in English is consonant or vowel, whereas in Vulcan it is only a consonant. You can still see "feyhan" and "kreyla" instead of "feihan" and "kreila". The Vulcan Language Transliteration Conference of Stardate 6550.0 updated and corrected mistakes of the past. *All our works use the official updated transliteration/spelling rules.*

**Pronunciation**
See Language Lesson 1 for information on pronunciation
Numbers

Numbers or numerals come in five forms in GV and GV: Cardinal, Ordinal, Enumerating, Combining and Adjectival. See the two lessons on numbers in our language lessons for more information.

GOLIC VULCAN NUMBERS
Su’uslar Gol-Vuhlkansu

The five number forms in Traditional and Modern Golic:

<table>
<thead>
<tr>
<th>Numeral</th>
<th>Cardinal</th>
<th>Ordinal</th>
<th>Enumerating</th>
<th>Combining</th>
<th>Adjectival</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>wuhkuk</td>
<td>wuh'ruk</td>
<td>wuh</td>
<td>wuh-</td>
<td>wuhik</td>
</tr>
<tr>
<td>2</td>
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Articles
There is no definite article in GV. For example, the word "ek'zer" can mean "jewel" or "the jewel". Although this is confusing to many non-Vulcans, the Vulcans have no trouble because context dictates the intent. The use of indefinite articles (a, an) is rare in Modern Golic usage, normally used only for emphasis. In Traditional Golic, they are nearly always used unless understood or deemed superfluous.

Plurals
Plurals are often understood through context or by the use of pluralizing words, such as a number. In those cases, the word does not change its form. A pluralizing direct suffix (~lar) exists in Golic Vulcan, but is often only used for emphasis or accuracy in Modern Golic, although it is required in Traditional Golic.

When a construction like "a flock of birds" or "a pod of whales" is used in FSE, the type of animal is pluralized. In GV, equivalent constructions are not pluralized, since the collective word automatically indicates there is more than one animal. For example, "treit t'kushel" (literally "flock of bird") or "kuht t'sehlat" (literally "herd of sehlat").

Cases
There are no regular cases in GV. Reforms around the time of Surak dropped many irregularities that appeared in ancient Vulcan languages and simplified the speech. Surak's death lead to a stagnation in language reforms, so all irregularities were not eliminated. Certain words, mostly pronouns, do have alternate forms for use in special situations. These pronouns seem to have dative or reflexive forms. For example, du means "you" while vu means something like "you-yourself". Most of these alternative forms are based on handed-down tradition.

Interrogatives
Although many galactic languages have interrogative symbols, Vulcan does not -- there is no Vulcan question mark. "Yes or No" questions are formed by using the word "ha" at the very end of the sentence. Other questions are formed by using a questioning word like "wilat" (where) at the end of the sentence. To aid offworlders with the language, though, a question mark is often used in transliterated Vulcan (but never with true written Vulcan).

Inventive Mode
The inventive mode is extremely rare in contemporary usage because of the distaste Vulcans feel in its use and even existence. This insulting or abusive mode of speech does not fit with the logical lifestyle and control of emotions that Vulcans embrace. In the pre-Surak world, its usage was common, but today it is only used by those who do not follow Surak's teachings, outlaws, those undergoing a difficult pon Farr, and by the criminally insane. Gutterals are prefixed to nouns in usage and come in two forms: Mild Inventive and Severe Inventive. Mild is comprised of "khr" before a vowel sound and "khra" before a consonant sound; Severe is comprised of "khrhih" before a vowel sound and "khrيها" before a consonant sound. Never use these in speech with cultured Vulcans or you may find yourself committed to a psychiatric facility for testing. Because of their distaste, Vulcans simply refer to this as "Gutteral Mode", if they speak of it at all.

Honorifics
In GV, there are a number of examples of one word used for normal usage and a variant used when
addressing or referring to something or someone "honored" or "greatly admired". This is to be expected in a culture such as that of Vulcan. In addition, the prefix "o" -- which has no exact FSE translation but "honorable" is considered closest in meaning -- is directly affixed to the word it modifies. Examples: "Osu", literally "honored person", but usually translated as "sir" or "madam", depending on the context; and "osavensu" (honored teacher), which is nearly always used in preference over "savensu" (teacher). The honorific prefix is especially common in Traditional Golic and lesser seen in Modern Golic.

Modes of Speech
In Modern Golic there is only one mode of speech, whereas there are three modes of speech in Traditional Golic: Superior, Normal and Inferior. One who is superior in standing to or much older than another person often uses the "Superior Mode" form of many words in speech. These words tend to be more ancient forms of words. In addition to using the older forms of words, superiors also tend to be more formal in their use of the language, not dropping out as much as the normal speaker does. Examples of this are that in "Superior Mode", one tends to use indefinite article and pluralizing suffixes most of the time, where in "Normal Mode" they are more often dropped. Throughout our material, we are concentrating on "Normal Mode", as that is the mode perhaps 90% of Vulcans use. "Inferior Mode" is mostly a leftover from the days before Surak. It is a very simplified form of the language that was previously used by slaves, common servants, those with low intelligence, and young children before entering school. Most Vulcans find this mode distasteful and it is now thought of mostly as an historical artifact. Since this is an introductory grammar and not a comprehensive guide, we will not go into this subject any further at this time.
Verbs

Golic Vulcan Verbs
Tor-Zhitlar Gol-Vuhlanksu

INTRODUCTION
Ragtaya

In the Golic Vulcan languages, the verb takes only one form for all three persons, singular or plural, in a
tense. There are three types of verbs in these languages: Weak, Irregular Strong and Regular Strong.

Weak Verbs are formed from a word root and the suffix "-tor". This form stays the same for all persons.
Weak Verbs are the most common in Golic Vulcan.

Irregular Strong Verbs can take any form, such as estuhl (to touch) or pstha (to search), and are usually
ancient words still in use or borrowings from other non-Golic languages. Like the Weak Verbs, they keep
the same form in all persons.

Regular Strong Verbs all end with "au". They keep this infinitive form in all present and future tenses. In
the past tenses, the ending changes to "al".

All three types of verbs are treated the same way in perfect past tense and the future tense. In the
perfect past tense, the verb is prefixed with "ki". For example, sarlah means "to come" while ki'sarlah
means "has come". In the future tense, all verbs either go by context or are preceded by helper words. In
Superior Mode this is fa'wak (future). For example, fa'wak pehkau means "will stop" or "shall stop"
(literally "future to stop"). In Normal Mode, these are "dungi" (will) or "dungau" (shall). For example,
dungi-pehkau ("will stop") and dungau-pehkau ("shall stop"). "Dungi" and "dungau" are not hyphenated
and affixed with Weak Verbs but are with both Strong Verbs.

EXAMPLES OF VERB FORMS
Li-fallar t’Tor-zhit-shidlar

Weak Verbs (Normal Mode):

Gla-tor (to see):

Gla-tor nash-veh (lit. sees this one) = I see
Gla-tor du = you (singular) see
Gla-tor ish-veh (lit. sees that one) = he/she/it sees
Gla-tor etek = we see
Gla-tor dular = you (plural) see
Gla-tor au = they see

Vesht gla-tor nash-veh = I saw, etc.

Ki'gla-tor nash-veh = I have seen, etc.

Kup gla-tor nash-veh = I am able to see, etc.
Kupi gla-tor nash-veh = I could see, etc.
Dungi gla-tor nash-veh = I will see, etc.
Dungau gla-tor nash-veh = I shall see, etc.
Kupi ki'gla-tor nash-veh = I could have seen, etc.
Dungi ki'gla-tor nash-veh = I will have seen, etc.
Vesht dungi ki'gla-tor nash-veh = I would have seen, etc.
Vesht kup gla-tor nash-veh = I was able to see, etc.
Dungi kup gla-tor nash-veh = I will be able to see, etc.

**Irregular Strong Verbs (Normal Mode):**

**Sarlah (to come)**

Sarlah nash-veh = I come
Sarlah du = you (singular) come
Sarlah ish-veh = he/she/it comes
Sarlah etek = we come
Sarlah dular = you (plural) come
Sarlah au = they come

Vesht sarlah nash-veh = I came, etc.
Ki'sarlah nash-veh = I have come, etc.
Kup-sarlah nash-veh = I am able to come, etc.
Kupi-sarlah nash-veh = I could come, etc.
Dungi-sarlah nash-veh = I will come, etc.
Dungau-sarlah nash-veh = I shall come, etc.
Kupi ki'sarlah nash-veh = I could have come, etc.
Dungi ki'sarlah nash-veh = I will have come, etc.
Vesht dungi ki'sarlah nash-veh = I would have come, etc.
Vesht kup-sarlah nash-veh = I was able to come, etc.
Dungi kup-sarlah nash-veh = I will be able to come, etc.

**Regular Strong Verbs (Normal Mode):**
**Pekhau (to stop)**

Pekhau nash-veh = I stop  
Pekhau tu = you (singular) stop  
Pekhau ish-veh = he/she/it stops  
Pekhau etek = we stop  
Pekhau tular = you (plural) stop  
Pekhau au = they stop

Pekhal nash-veh = I stopped, etc.

Ki'pekhal nash-veh = I have stopped, etc.

Kup-pekhau nash-veh = I am able to stop, etc.

Kupi-pekhau nash-veh = I could stop, etc.

Dungi-pekhau nash-veh = I will stop, etc.

Dungau-pekhau nash-veh = I shall stop, etc.

Kupi ki'pekhal nash-veh = I could have stopped, etc.

Dungi ki'pekhal nash-veh = I would have stopped, etc.

Dungau ki'pekhal nash-veh = I should have stopped, etc.

Kup-pekhau nash-veh = I was able to stop, etc.

Dungi kup-pekhau nash-veh = I will be able to stop, etc.

**Punctuation**

In Golic Vulcan, there are five main marks used in punctuation:

" - " pakh (stroke) - used in affixing or compounding words, and in a sentence as a comma or semi-colon is used in FSE

"--" dah-pakh (double-stroke) - used as a colon or long dash is used in FSE

".:" ulef-pekhay (half-stop) - used to separate prefixes from root words

"." ek'pekhay (full-stop) - used as a period is used in FSE

":." dah-pekhay (double-stop) - used for emphasis, similar to an exclamation mark

Many Vulcans use what is called ek'pak (full-stroke), a line about the length of three pakh marks, instead of dah-pakh. This is the older form and is preferred in literature or religious texts. The writings of Surak always use the ek'pak instead of the dah-pakh. The dah-pakh was popularized by its use in the media script and we will use it here for typographic reasons.

As stated before, there is no question mark in Golic Vulcan. There are additional specialized symbols used in typography and science, but we will not discuss them in this particular material. A future page may focus on typographic and scientific symbols. Language Lesson 6 expands on the subject of punctuation.
Traditional Golic Vulcan Example Phrases
Li-falik Zhit-Balzar Ba-Gol-Vuhlkansu

The first 20 or so of the following phrases are direct dialogue from Star Trek motion pictures. They are followed by translated bits and pieces from various sources. The first line is the Traditional Golic Vulcan (TGV) phrase in Federation Standard alphabetical transliteration, the second line is the literal translation word for word from TGV, and the third line is the translation into Federation Standard English from the original subtitles. (If there is a fourth line, it is the revised subtitle text from the 2001 Director's Edition on DVD of Star Trek: The Motion Picture.) These phrases should prove educational to both linguists and students of Vulcan.

Dakh orfik-kel aushfamaluhr shaukaush fi'aifa mazhiv
Cast-out ancestors animal passion(s) on-these sands
Our ancestors cast out their animal passions here on these sands
Our ancestors cast out their animal passions on these very sands...

Sha'koshtri korseiven bai'elkhrul-akteiben t'Kolinahr
Own-race saved-by attainment of-Kolinahr
Our race was saved by attainment of Kolinahr
...saving our race through the attainment of Kolinahr.

Kolinahr — k'fa'i ek'zherka t'forti foshuhl
Kolinahr: Through-which all-emotion(s) finally shed
Kolinahr: Through which all emotion is finally shed
Kolinahr: Through which all emotion is renounced and shed.

Zup-tor vu akarshif - Spahkh
Labor you-yourself a long time, Spock
You have labored long, Spock
You have labored for many seasons, Spock...and you have proved yourself worthy...

I'poprah fasei setebuhk t'ovsot-olozhika
Now-receive this-here symbol of-total-logic
Now receive from us this symbol of total logic
To receive from us this symbol of pure logic.

Nahp - hif-bi du throks
Thoughts - to-me you give
Your thoughts, give them to me
Your thoughts...give them to me

Kashkau - Spahkh - wuhkuh eh teretuhr
Minds, Spock, one and together
Our minds, one and together
Out minds are joined, Spock...together, and as one.

Tish hokni'es kwi'shoret —
To-you consciousness calling-from-afar . . .
This consciousness calling to you from space . . .
I sense the consciousness calling to you from space...
Estuhl terrupik khaf - Spahkh
*Touch(es) Earthling blood, Spock*
It touches your human blood, Spock
Your human blood is touched by it, Spock.

Du vravshal srashiv t’Kolinahr
*You failed achievement of-Kolinahr*
You have not achieved Kolinahr
You have not yet attained Kolinahr.

Ti kilo-srashiv kitok-wilat
*Lies answer elsewhere*
His answer lies elsewhere
He must search elsewhere for his answer.

I’tah tehrai k’etwel
*Now-unobtainable goal with-us*
He will not achieve his goal with us
He shall not find it here.

Dif-tor heh smusma - Spahkh
*Live-long and prosper, Spock*
Live long and prosper, Spock
Live long and prosper, Spock.

Gishen worla ik-banu
*What-one-expects never the-one-of-which-I-speak*
He’s never what I expect

Wakli ak’wikman - ot-lan?
*In-what-manner surprises, lieutenant?*
What surprises you, lieutenant?

Ish’veh ni komin
*That-one so human*
He's so human

Kling akhlami buhfik - Saavik-kam
*Not-one among-us perfect, Saavik-(affection)*
Nobody's perfect, Saavik

Saavik wimish. Kup-stariben?
*Saavik I-am-called. Able-to-speak?*
I am Saavik. Can you speak?

Dom - ki’sarlah
*So, have-come*
So, it has come

Dungi tu sahrafel?
*Will you trust?*
Will you trust me?
Kal-tor palikau
Allow to-commence
Let it commence

Ben vahl navun
To-us grant success
Grant us success

Du ki'avon-telik?
You have-hungered?
Are you hungry?

Vesht akarshif, lesh Vulkansu ulidar t'falek, t'salur mazhiv heh t'yon-dak yon-dukal. Sharush solektra yakul etek - salan tam-tor fi'urozheh vok-tor kahlar. Tusa na'kusut heh kali-tor na'rishan —
Past a long time, bear Vulcans mark of-heat, of-blow(ing) sand and of-burn(ing) sun. Open-up ground eat us - wind dance on-crops and level cities. Weep for-pain and fight for-survival . . .
Ages past, Vulcans bore the mark of heat, the scar of blowing sand and burning sun. The ground opened to eat us, the wind danced on our crops and leveled our cities. We wept for the pain and we fought for survival . . .

Isha nash-veh Vulkansu - pontal na'sochya
Also this-one Vulcan, bred for-peace
I too am a Vulcan, bred to peace
(Spock in "The Savage Curtain")

Olozhika — palik t'kau ri shaht
Logic: Beginning of-wisdom not end
Logic is the beginning of wisdom not the end

Rubah — gehni tor-bosh t'ek'nam
Change: Essential process of-all-existence
Change is the essential process of all existence

Tvai nam u'Vulkansu thanai ven-dol-tar - yut t'ha'kiv k'olozhika heh rufai-bosh. Ri kup-bau-tor ish ven-dol-tar goh na'sha'nazh-kap - zo-uf yauluhk ish nazh-kap.
Means existence as-Vulcan (to) adopt philosophy, way of-life with-logic and beneficial. Not able-to-disregard that philosophy merely for-one's-own-gain - no-matter-how important that gain.
To be Vulcan means to adopt a philosophy, a way of life which is logical and beneficial. We can not disregard that philosophy merely for personal gain - no matter how important that gain may be.

Ri k'olozhika stau lof-fam
Not with-logic (to) kill reason-less
It is illogical to kill without reason

K'lof Vulkansu ved kup-stau - k'olozhika eh k'yeht-urgam
With-reason Vulcan quite able-to-kill - with-logic and with-efficiency
If there were a reason, a Vulcan is quite capable of killing - logically and efficiently
Nar-tor tevakh - k’ken-tor kanok-ha’kiv sarlah na’shaht lu haishan wak. Goh kuv ish ha’kiv vesh’tinoi la’tusə pak-tan t’ha’kiv.  
(To) Accept death - by-understand every-life come(s) to-end when demand(s) time. Only if that life was-wasted (to) mourn loss of life. Accepting death - by understanding that every life comes to an end, when time demands it. Loss of life is to be mourned but only if the life was wasted. (Spock in "Yesteryear")

Pthak svi’zherka — dan-karik heh dan-khrashik  
Fear amongst-emotions: most-strong and most-violent  
Fear is among the strongest and most violent of the emotions  
(Spock in "Wolf In The Fold")

Svi wonil kash-ral talik - Hassu - fi’tevakh ek yem-tor — ruhm kastik-goh-yokulsu  
In strict sense scientific, Doctor, on-death all feed — even vegetarian(s)  
In a strict scientific sense, Doctor, we all feed on death — even vegetarians  
(Spock in "Wolf In The Fold")

Noshau u’dvinsular tum-vel ohrom heh yeht-urgam’es - nu ri aitlu ne’au dvin-tor  
Stand(s) as-servants computer(s) excellent and efficient - but not wish under-them (to) serve  
Computers make excellent and efficient servants, but I have no wish to serve under them  
(Spock in "The Ultimate Computer")

Tum-veellar weht yeht-urgam’es - ri weh-rom do kimihnsu  
Computers more efficient - not better than human (beings)  
Computers are more efficient, not better than human beings  
(Spock in "The Ultimate Computer")

Kup-fai-tor ri ruhm Vuhlkansu ri-Fainu  
Able-to-know not even Vulcan(s) Unknown  
Not even Vulcans can know the Unknown  
(Spock in "The Immunity Syndrome")

Ri tvai thrap-tor - Osu - klosha ish-veh k’nel-dath siyah komihn  
Not mean (to) offend, sir, behave(s) that-one with pattern almost human  
I do not mean to offend, sir, but it behaves with an almost human pattern  
(Spock in "The Ultimate Computer")

Sem-rik — zhit is-tor nash-veh na’ri-Gishu  
Fascinating: word use(s) this-one for-Unexpected  
Fascinating is a word I use for the Unexpected  
(Spock in "The Immunity Syndrome")

Kluchi nash-veh na’kash-to vel nah-fam - kluchi na-tepul lof-torvauk-fam  
Object(s) this-one to-intellect discipline-less; object(s) to-power constructive-purpose-less  
I object to intellect without discipline. I object to power without constructive purpose  
(Spock in "The Squire of Gothos")

Bolau fereik’es na’muhl’es t’vukhut  
Need(s) creativity for-health of-body  
Creativity is necessary for the health of the body  
(Spock in "Return of the Archons")
Svi'wak mu'gel vesht akarshif - svi'wak fa'Surak - nagal sha'koshtri tevakh du sa-kai ki'stal sa-kai. S'eshtik'ia'saralh spe's t'shuah e't'utan'es - spe's t'oolzhika!
In-time dark past a-long-time, in-time before-Surak, faced our-race death while brother have-killed brother. From-desert have-come voice of-reason and of-compassion, voice of-logic!
In the dark time long ago, in the time before Surak, our race faced death while brother killed brother. Out of the desert came a voice of reason and compassion, a voice of logic!
(Par't of an old Vulcan benediction, derived from words spoken at Surak's memorial)

Nam-tor u'sha'yut — tanaf heh ek'tal teretuhr. Ri utvau is-lof ri nam-tor vah vaksurik - tor vak'es k'kla-min t'rsur weh-yeht-daui.
Exist(s) as-our-way: art and science united-together. No reason function not exist(s) as beautiful - make(s) beauty with-fact usual(ly) more-effective.
It is our way - Art and Science combined. There is no reason that function should not be beautiful - in fact, beauty makes it more effective.
(Spock in "Spock's World")

Ma ri ni sanosh-yeahat vah aitu. Nam-tor ri k'olozhika hi k'ashiv yeht.
(To) Have not so pleasurable as (to) want. Exist(s) not with-logic but often true.
Having is not so pleasing as wanting, but it is often true.
(Spock in "Amok Time")

Ma so-resh ri lof il utvau hi lau-ma tehrai
Has madness not purpose or reason but may-have goal
Madness has no purpose or reason, but it may have a goal
(Spock in "The Alternative Factor")

Kuv set-tor nash-veh mish-vel-raul fi'ek'tra k'vunai t'a'raek-ne-seshan - bolau ri gla-tor ish-veh tev-tor il zhu-tor solektra-kwul fai-tor k'kla-min ki'tev-tor
If drop(s) this-one wrench on-planet with-field of-positive-gravity - need not see that-one fall or hear ground-hit (to) know with-fact has-fallen
If I drop a wrench on a planet with a positive gravity field, I need not see it fall, nor hear it hit the ground, to know that it has in fact fallen
(Spock in "Court Martial")

Nam-tor zherka na'nash-veh u'akanik — nam-tor u'ek'talsu
Exist(s) emotion(s) to-this-one as-aliens — exist(s) as-scientist
Emotions are alien to me — I am a scientist
(Spock in "The Paradise Syndrome")

Da-tor na'ein-wak tik t'etek svi'sha'ka'kiv na'ein-veh — wuh sa-mekh - sa-kai - ekon - heh ya'akash — Nash-veh la po? Nash-veh tvai-nam-tor u'ra?
Turns at-some-time each of-us in-our-life to-someone - a father, brother, god - and asks: This-one here why? This-one meant-(to)-exist as-what?
Each of us at some time in our lives turn to someone - a father, a brother, a god, and asks: Why am I here? What was I meant to be?
(Spock in "Star Trek: The Motion Picture")

Spunau bolayalar t'Wehku bolayalar t'Zamu il t'Veh
Outweighs needs of-many needs of-few or of-the-one
The needs of the many outweigh the needs of the few or the one
(Spock in "Star Trek: The Wrath of Khan", repeating Surak's alleged final words)
Ki'nam-tor nash-veh heh kwon-sum dungau nam-tor t'hai'la t'du
Have been this one and always shall be friend of you
I have been and always shall be your friend
(Spock in "Star Trek: The Wrath of Khan")

Wilat ri nam-tor zherka - ri nam-tor dvubolek na'khraš
Where not exist(s) emotion, not exist(s) motive for violence
Where there's no emotion, there's no motive for violence
(Spock in "Dagger Of The Mind")

Nam-tor kusut u'vel t'kashek. Kup-putash-tor kashek.
Exist(s) pain as thing of mind. Can be controlled.
Pain is a thing of the mind. The mind can be controlled.
(Spock in "Operation -- Annihilate!")

Nam-tor nanlar u'riolozhika heh vlitaya tsuri kodonuhk
Exist(s) threats as illogical and payment usual(ly) expensive
Threats are illogical and payment is usually expensive
(Sarek in "Journey to Babel")

Nam-tor wahtayalara u'yeht-daya wilat goh-pulayau zherka
Exist insults as effective where only-to-be-present emotion
Insults are effective only where emotion is present
(Spock in "Who Mourns For Adonais?")

Ri pubau-tor velik tukhik to-gavlar. Ri nam-tor Nam rik'au.
Not to be ignored simply physical laws. Not exist(s) Existence without them.
Physical laws simply cannot be ignored. Existence cannot be without them.
(Spock in "Spectre Of The Gun")

The First Two Movies

Star Trek: The Motion Picture —
Actual Spoken Dialogue vs. What Was Dubbed In Later

The following phrases comprise the entire Vulcan dialogue from Star Trek: The Motion Picture. The scene where Spock goes to the plains of Gol to receive the symbol of total logic from Kolihahr Master, T'Sai, was originally recorded in English in an exaggerated speech style. We do not know for sure if they intended all along to dub in spoken Vulcan or if that was a later editorial decision. We do know for a fact, that one of the production staff shared these with us in an exclusive (as far as we know).

The first line is the original spoken dialogue in English, the second line is the corresponding spoken Vulcan from that segment, and the third line is the English sub-title that went with them. You will notice that they swapped the order of two sentences later to allow for a better "fit" with the dubbed Vulcan. The dubbing of this sequence was really rather brilliant — it looks like they are saying it. It only becomes clear when you mute the sound and see what is really being spoken. This should prove an interesting bit of motion picture history for dedicated fans. Enjoy!

Here on these sands, our forebears cast out their animal passions
Dakh orfik-vel aushfamaluhr shaukaush fi'aifa mazhiv
Our ancestors cast out their animal passions here on these sands
And our race was saved by the fullest attainment of Kolinahr
Sha'koshtri korseiven ba'elkhrul-akteiben t’Kolinahr
Our race was saved by attainment of Kolinahr

The Kolinahr finally shed full emotions
Kolinahr — k’fai’ei ek’zherka t’forti foshuhl
Kolinahr: Through which all emotion is finally shed

You have labored long, Spock
Zup-tor vu akarshif - Spahkh
You have labored long, Spock

Now receive from us this symbol of total logic
I’poprah fasei setebuhk t’ovsot-olozhika
Now receive from us this symbol of total logic

Stop! Give me your thoughts
Nahp - hiif-bi du throks
Your thoughts, give them to me

Our minds, Spock, one and together
Kashkau - Spahkh - wuhkuh eh teretuhr
Our minds, Spock, one and together

This consciousness which calls . . .
Tish hokni’es kwishoret —
This consciousness calling to you from space . . .

It stirs your human half, Spock
Estuhl terrupik khaf - Spahkh
It touches your human blood, Spock

You have not achieved Kolinahr
Du vravshal sraschiv t’Kolinahr
You have not achieved Kolinahr

He will not achieve his goal with us
Ti kilko-sraschiv kitok-wilat
His answer lies elsewhere

His answer lies elsewhere
I’tah terai k’etwel
He will not achieve his goal with us

Live long and prosper, Spock
Dif-tor heh smusma - Spahkh
Live long and prosperous, Spock
Star Trek: The Wrath of Khan —
Actual Spoken Dialogue vs. What Was Dubbed In Later

The following phrases comprise the entire Vulcan dialogue from Star Trek: The Wrath of Khan. The scene is
where Spock and Saavik pause in the corridor to discuss her reaction to Admiral Kirk. The dialog was
originally spoken in English and dubbed later with spoken Vulcan language created by Marc Okrand of
Klingon language fame.

The first line is the original spoken dialogue in English, the second line is the corresponding spoken Vulcan
from that segment, and the third line is the English subtitle that went with them. The dubbing of this
sequence is quite good — it looks like they are saying it.

He's not what I expect, sir
Gishen worla ik-banu
He's never what I expect, sir

What did you expect, lieutenant?
Wakli ak’wikman - ot-lan?
What surprises you, lieutenant?

He's very . . . human
Ish-veh ni — komin
He's so . . . human

We can't all be perfect, Saavik
Kling akhla mi buhk — Saavik-kam
Nobody's perfect, Saavik
Golic Vulcan Lessons
Gol-Vuhlksnu Tupalar

Before beginning these lessons, we recommend that the student
review our various grammar pages and the dictionaries.

Lesson 1 -- Pronunciation

Golic Vulcan - Lesson 1
Gol-Vuhlksnu - Tupa 1

PRONUNCIATION
Salasharaya

Traditional and Modern Golic Vulcan vowel-sounds are pronounced as follows, using Federation Standard
English (FSE) examples, except where noted.

Remember that FSE was based on the dominant Midwestern Dialect of North American English, the Earth
language the Vulcans were originally exposed to at First Contact and which became the world-wide standard
during recovery from the Post-Atomic Horror. For whatever reason, North America suffered the least,
relatively speaking, during and after the various wars that culminated in the Last World War, and Vulcan-
assisted recovery took its foothold in what was once the United States and Canada.

a -- as "a" in ball (nala, psta, vath)
ah -- as "o" in hot if spoken about twice normal speed (dah, pahth, shaht)
ai -- as "i" in nice (aifa, kai, svai)
au -- as "ou" in house (ayau, kaukuh, maut)

e -- as "e" in bed (kep, lesek, senepa)
eh -- as the "e" in yet if spoken about twice normal speed (leh, nehg, sehlat)
ei -- as "a" in same (eitau, nei, shei)

i -- as "ee" in seem (bling, dungi, mik)
ih -- as "i" in hit (ihn, kiht, pihl)

o -- as "o" in home (dom, nodolau, thol)
oh -- an "o" in throat with lips rounded, like a short Scandinavian "å" (ohkuh, spoh, woht)
oi -- as "oy" in boy (kroikah, sanoi, thinoi)

u -- as "oo" in soon (navun, salur, zup)
uh -- as "u" in ugly but with lips more rounded (natuhn, tuhk, wuhkuh)

Note: Doubling an individual vowel lengthens the sound, never changes it.

Golic Vulcan consonant sounds are nearly the same as their FSE counterparts. The only exceptions are:

ch -- always hard as "ch" in cheese (achut, isachya, kluchi)
kh -- close to the "ch" in German Bach or Scottish loch (akhk, dakh, khush)
th -- always hard like "th" in thank (kethtra, math, thonek)
y -- always a consonant, as "y" in yellow (daya, sayek, yel)
zh -- like the second "g" in garage (bezhun, di'kizh, zhit)

Although doubled consonants are not common in Golic Vulcan, when they do occur, they are pronounced as follows:

ll -- drawn out, often slightly trilled (d'mallu)
mm -- at the end of a word, almost like "muh" (samm)
nn -- at the end of a word, almost like "nuh" (stonn)
rr -- drawn out, often slightly rolled (harr)
ss -- drawn out, almost like a slight hiss (tessaya)

Note: Doubled consonants are fairly common in other Vulcan languages.

Golic Vulcan includes consonant combinations that never occur in FSE. Since there are no silent letters in Golic Vulcan words, you must pronounce all letters. For example:

fnesh -- try saying "fuhs-nesh" but as one syllable.
khlu -- try saying "khuhs-lup" but as one syllable.
khrash -- try saying "khuhs-rash" but as one syllable.
ktorr -- try saying "kuh-torr" but as one syllable.
psta -- try saying "pustha" but as one syllable.
sflh -- try saying "suh-fith" but as one syllable.
viltu -- try saying "vuh-litau" but together.
vravshau -- try saying "vuh-ravshau" but together.

All these examples show the consonant combinations at the beginning of an example word, but they may appear in the middle of a word as well. Of these, spelling rules allow only "kt" to appear at the end of a Golic Vulcan word, though.

In all words with apostrophes, such as di'kizh or pi'sef, whether they are an individual word or a word with a prepositional prefix, the apostrophe is pronounced as a glottal stop. The word segments must never be run together, there is a definite break in pronunciation in the word. In all words with hyphens, regardless of whether they are a compound word or an affixed word, the hyphen is not pronounced per se, but you must take care not to run the parts of the word together. Therefore, many hyphenated words can sound like there is a very short glottal stop between their segments.
Lesson 2 -- Introduction to Words - Simple Words

Golic Vulcan - Lesson 2
Gol-Vuhlkansu - Tupan 2

INTRODUCTION TO WORDS - SIMPLE WORDS
Ragtaya na'Zhitlar - Veli-Zhitlar

This basic lesson is an introduction to "Simple Words" in Golic Vulcan. These are basically all words in use by Golic Vulcan speakers that are a "single, indivisible unit". These words can be anywhere from very ancient to very new in formation. They also may include words borrowed from other languages. The information on this page works for both Traditional and Modern Golic. The following are selected examples to introduce the student to Golic Vulcan words:

Ancient and Borrowed Simple Words
Ma'os heh Yahvik Veli-Zhitlar

Ahkh - borrowed word for "war", appears as 'ahkh in some other Vulcan languages
Ask'er - borrowed word for "soldier"
Balkra - ancient word for a type of aromatic casserole
Batai - ancient word for "sturdy"
D'mallu - ancient word for a type of carnivorous plant
Dzharel - borrowed word for an extinct small, horned, horse-like animal; appears as jarel in some other Vulcan languages
Ek'zer - ancient word for "gem" or "jewel", originally a compound word
Farr - ancient word for "time", now considered obsolete and only used poetically in Golic Vulcan
Fo - ancient word for "shell"
Glozho - ancient word for "elixir"
Haran - borrowed word for a legendary "fire beast"
K'torr - ancient word for the concept of completely lacking something
K'i'haf - ancient word for "basket", originally a compound word
Krahkra - ancient Vulcan-wide term meaning roughly "it is nothing"
La'ash - ancient word for "axe"
Mu'yor - ancient word for "night", originally a compound word
Nikh - ancient word for "eye", now considered obsolete and only used poetically in Golic Vulcan
Orniaga - ancient word for "irritated", often considered obsolete to modern, logical Vulcans
Ro'fori - ancient word for "information", originally a compound word
Seheik - borrowed word for "pilgrims", originally meant "declared ones"
Te'koshfet - ancient word for "architect", originally a compound word
Urozh - ancient word for "crop(s)"
Visak'a - ancient word for "legacy"
Waneti - borrowed word for a type of flowering plant
Ya'akash - ancient word for "to ask"
Zherka - ancient word for "emotions"

True Golic Simple Words
Yeht-Golik Veli-Zhitlar

Aluk - fish
Ashau - to love
Behsu - neighbor
Dohn - board, plank
Ek'an - maximum
Faka - hernia
Forri - loyal
Gehnli - essential
Gonaf - button
Halek - wheel
Igen - sky
Khrash - violence
Mashya - a type of vegetable
Nakarat - endeavor
Pelakh - filament
Rivak - course
Shaik - odd
Su'us - number
Temok - wall
Vikuva - to encircle, to surround
Yerak - bowl
Zakar - damage

Notes
Pitohlar

1. Simple Words are always "indivisible", meaning that breaking them apart will not leave two or more stand-alone word roots with a contemporary Golic Vulcan meaning.

2. Older Simple Words may have been a Compound Word at some point in the past, but can no longer be broken down to word roots with separate meanings in Golic Vulcan.

3. Ancient Simple Words may or may not be directly related to Golic Vulcan.

4. Simple Words in Golic Vulcan that were borrowed from another language may still be a valid Compound Word in the other language, but are considered "Simple" to Golic speakers, because the separate parts are meaningless in Golic Vulcan.

5. Simple Words never contain a "hyphen" (pakh) but can contain an "apostrophe" (ulef-pekhaya).

6. Simple Words may be affixed with any combination of a prefix, a suffix or both.

Additional information and examples are provided in following lessons.
Lesson 3 -- Introduction to Words - Compound Words

Golic Vulcan - Lesson 3
Gol-Vuhlkansu - Tupa 3

INTRODUCTION TO WORDS - COMPOUND WORDS
Ragtaya na'Zhitlar - Terti-Zhitlar

This simple lesson is a grammatical introduction to "Compound Words" in Golic Vulcan. These are basically all words used by Golic Vulcan speakers that are made up of two or three base word roots. These words can be anywhere from very ancient to very new in formation. They also may include words borrowed from other languages. The information on this page works for both Traditional and Modern Golic. The following are selected examples to introduce the student to Golic Vulcan words:

Ancient and Borrowed Compound Words
Ma'os heh Yahvik Terti-Zhitlar

Ahn-wun - ancient Vulcan-wide name for a traditional weapon
Ba-tak - borrowed word for "tradition", no separate meanings in GV
Dap-lan-pa - ancient children's game
Fal-tor-pan - ancient ceremony to rejoin the body and katra
Fnu-ven - ancient word for "hatred"
Ka-ni-fur - ancient term for the first ritual of maturity
Kar-an-zhi - ancient word for a cactus-like plant, written "ka-ranji" in other Vulcan languages
Le-matya - ancient Vulcan-wide name for a large, desert predator
Nor-ni-hal - ancient term for the change of status from child to adult
Sele-an-t'li - ancient term for the secondary level of adult discipline
Tab-ma - ancient word for "late"
Ven-dol-tar - ancient term for "philosophy"

True Golic Compound Words
Yeht-Golik Terti-Zhitlar

Asal-yem - breakfast, literally "morning meal"
Bezhun-masu - tear(s), literally "eye water"
Dah-wak - twice, literally "two times"
Esh-tukh - oxygen, literally "breathe stuff"
Fa-wak-glansu - prophet, literally "future seer"
Fnash-vel - broom, literally "sweep thing"
Ifis-tor - to transport, literally "transport to do"
Kahm-yokulsu - carnivore, literally "meat-eater"
Kastik-goh-yokulsu - vegetarian, literally "plant-only-eater"
Mahr-ke - market or store, literally "buy-building"
Numo-zan-vel - microscope, literally "microscopic-view-thing"
Pi'nafek - gland, literally "small-organ"
Ralash-tanaf - music, literally "sound-art"
She'rak - east, literally "rise-direction", referring to the sunrise
Shi'dunap - library, literally "place of the book(s)"
Wuh-thurai - the next one, literally "one-next"
Notes
Pitohlar

1. Ancient Compound Words may possibly be broken down into stand-alone word roots with a contemporary Golic Vulcan meaning but, more often than not, some of the roots may have shifted in meaning over time and other parts may no longer have any meaning.

2. Ancient Compound Words may or may not be directly related to Golic Vulcan.

3. Compound Words in Golic Vulcan that were borrowed from another language may be broken down into separate roots in the other language, but the separate parts are usually meaningless in Golic Vulcan.

4. Compound Words may contain a "hyphen" (pakh), "apostrophe" (ulef-pek haya), or any combination of neither or both.

5. **Compound Words may contain no more than three hyphenated word roots in Golic Vulcan.** This is an ironclad grammar rule in all Golic Vulcan languages. A compound word of two roots is called a "Binary Compound" and a compound word of three roots is called a "Trinary Compound". The rule of three hyphenated roots does not exclude grammatical affixes, such as prepositions.

6. Compound Words made up of two hyphenated roots (Binary Compound) may be affixed with one other root to make a Trinary Compound and/or may be affixed with any combination of a grammatical prefix, suffix or both.

7. Compound Words made up of three hyphenated roots (Trinary Compound) may not be affixed with another word root, but may be affixed with any combination of a grammatical prefix, suffix or both.

Additional information and examples are provided in following lessons.
Lesson 4 -- Noun-Verb Pairs

Golic Vulcan - Lesson 4
Gol-Vuhlkansu - Tupa 4

NOUN-VERB PAIRS
Shiflar t’Vel-Zhit - Tor-Zhit

This lesson is a grammatical introduction to noun-verb pairs in Traditional and Modern Golic Vulcan. Following regular patterns found in many verbs, it is often easy to determine what the corresponding noun form of the word is. It does not work as easily when going from the noun to the verb, as we will show below. The Golic Vulcan languages are languages with millennia of history behind them and have had many borrowings from other Vulcan languages. Changing technology and language reforms, left incomplete after Surak’s death, have also changed the use or form of some words over time.

Notes
Pitohlar

All verbs in Golic Vulcan have a corresponding noun form and vice versa. Unlike many Federation Standard English words where the noun and the verb are the same word, for example, "like", "hate", etc., it is practically unheard of in the Golic Vulcan languages to see this. Vulcans accept the logic of the words of the famous ancient grammarian Tenek of Shi’Han, whose first words to every new class of students was simply, "Na'natya is - natya shid." ("For different use, a different form.")

Below are several charts showing examples of different kinds of noun-verb pairs.

Pairs From Weak Verbs
Shiflar t’Krobat-Tor-Zhitlar

<table>
<thead>
<tr>
<th>Verb Form</th>
<th>Noun Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ashiv-tor (to repeat)</td>
<td>Ashiv (repeat/repetition)</td>
</tr>
<tr>
<td>Fulag-tor (to lead)</td>
<td>Fulag (lead, as in a race)</td>
</tr>
<tr>
<td>Is-tor (to use)</td>
<td>Is (use)</td>
</tr>
<tr>
<td>Kras-tor (to paint)</td>
<td>Kras (paint)</td>
</tr>
<tr>
<td>Kum-tor (to catch)</td>
<td>Kum (catch)</td>
</tr>
<tr>
<td>Mahr-tor (to buy)</td>
<td>Mahr (buy)</td>
</tr>
<tr>
<td>Min-tor (to glow)</td>
<td>Min (glow)</td>
</tr>
<tr>
<td>Tam-tor (to dance)</td>
<td>Tam (dance)</td>
</tr>
<tr>
<td>Zhu-tor (to hear)</td>
<td>Zhu (hearing)</td>
</tr>
</tbody>
</table>

Noun-Verb Pairs -- "Regular" Weak Verbs

Although this looks childishly simple and you would be tempted to assume all weak verbs pair this way, this is not the case. Because of confusion with another similar word or for phonetic clarity, the root of many weak verbs is actually "clipped off". If you simply removed the "-tor" action suffix of these
"clipped" weak verbs, the remaining "noun" could mean something unrelated to the verb or even nothing at all. For example, "da" means "pebble" -- the noun partner of "da-tor" is "dan" (see below).

Also, it is possible to find a shade or difference in meaning in different endings of nouns, compared to the corresponding verbs. Study the large vocabulary lists on our site to note these differences.

<table>
<thead>
<tr>
<th>Verb Form</th>
<th>Noun Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Da-tor (to rotate)</td>
<td>Dan (rotation)</td>
</tr>
<tr>
<td>Gla-tor (to see)</td>
<td>Glan (sight)</td>
</tr>
<tr>
<td>She-tor (to ascend)</td>
<td>Shen (ascent)</td>
</tr>
<tr>
<td>Tev-tor (to descend)</td>
<td>Tevan (descent)</td>
</tr>
<tr>
<td>Zahv-tor (to taste)</td>
<td>Zahvan (taste)</td>
</tr>
</tbody>
</table>

Noun-Verb Pairs -- "Clipped" Weak Verbs

As you can see, though, all of the "clipped" examples are suffixed "~n" (after a vowel) or "~an" (after a consonent). In the future, when translating Golic Vulcan weak verbs, remember this pattern, as it holds true for most cases. Therefore, if you come across a weak verb like "klu-tor" or "zan-tor" and cannot find a corresponding noun "klu" or "zan" with the right meaning, try "klun" or "zanan".

Pairs From Irregular Strong Verbs
Shifflar t’Ripakhai Kari-Tor-Zhitlar

<table>
<thead>
<tr>
<th>Verb Form</th>
<th>Noun Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aitlu (to desire)</td>
<td>Aitlun (desire)</td>
</tr>
<tr>
<td>Estuhl (to touch)</td>
<td>Estaun (touch)</td>
</tr>
<tr>
<td>Foshuhl (to shed)</td>
<td>Fosha (sheding)</td>
</tr>
<tr>
<td>Ip-Sut (to hide)</td>
<td>Ip-Sui (hiding)</td>
</tr>
<tr>
<td>Klach (to lock)</td>
<td>Klachek (lock)</td>
</tr>
<tr>
<td>Lasha (to arrive)</td>
<td>Lashan (arrival)</td>
</tr>
<tr>
<td>Psta (to search)</td>
<td>Psthan (search)</td>
</tr>
<tr>
<td>Salur (to blow)</td>
<td>Sal (blow, as in wind)</td>
</tr>
<tr>
<td>Shei (to scream)</td>
<td>She (scream)</td>
</tr>
<tr>
<td>Thanai (to adopt)</td>
<td>Thanah (adoption)</td>
</tr>
<tr>
<td>Vlur (to howl)</td>
<td>Vlu (howl)/Vlun (howling)</td>
</tr>
<tr>
<td>Yokul (to eat)</td>
<td>Yoka (eating)</td>
</tr>
</tbody>
</table>

Noun-Verb Pairs -- Irregular Strong Verbs

Irregular strong verbs cause the most confusion to students of the Golic Vulcan languages. This is because these verbs are usually ancient words and/or words from non-Golic Vulcan languages. The rules for Golic Vulcan word formation often do not have any meaning here. Surak and others had intended to smooth out these irregularities gradually over time, but Surak's death prevented the
reforms from being completed. There are patterns here, of course, but they are based on the grammatical rules of the parent language. Students of Golic Vulcan will have to memorize these words.

**Pairs From Regular Strong Verbs**  
**Shiflar t’Pakhaik Kari-Tor-Zhitlar**

<table>
<thead>
<tr>
<th>Verb Form</th>
<th>Noun Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Betau (to approach)</td>
<td>Betaya (approach)</td>
</tr>
<tr>
<td>Danau (to explain)</td>
<td>Danaya (explanation)</td>
</tr>
<tr>
<td>Kitau (to write)</td>
<td>Kitaya (writing)</td>
</tr>
<tr>
<td>Tishau (to like)</td>
<td>Tishaya (like/liking)</td>
</tr>
<tr>
<td>Vravshau (to fail)</td>
<td>Vravshaya (failure)</td>
</tr>
</tbody>
</table>

**Noun-Verb Pairs -- Regular Strong Verbs**

As is plain to see, all regular strong verbs have a noun partner with a fixed pattern of formation. Of course, some of these kinds of verbs have additional nouns based on the same root with other forms for different shades of meaning. Students will need to study the vocabulary lists for examples of these.
Lesson 5 -- Introduction to Numbers

Golic Vulcan - Lesson 5
Gol-Vuhlkansu - Tupa 5

INTRODUCTION TO NUMBERS
Ragtaya na'Su'uslar

Traditional and Modern Golic Vulcan numbers come in five different types: Cardinal, Ordinal, Enumerating, Combining (Form) and Adjectival (Form). Each type is introduced in this grammar lesson. Later lessons will go more into depth on how these types are used grammatically.

CARDINAL NUMBERS

Unlike in Federation Standard English (FSE), where a Cardinal Number is used both for counting and for indicating how much of an item there is, in Golic Vulcan, a Cardinal Number is used for counting (one, two, three, four, etc.) and when you use it like a noun (for example, "I am one of many", etc.).

<table>
<thead>
<tr>
<th>FSE</th>
<th>TGV/MGV</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>wuhkuh</td>
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<tr>
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**Table of Cardinal Numbers**

**ORDINAL NUMBERS**

In Golic Vulcan, Ordinal Numbers are used in almost the identical way as their counterparts in FSE. A following lesson covers use of this form in sentences.

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<td>nau'rak</td>
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<td>10th</td>
<td>leh'rak</td>
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<td>leh-wuh'rak</td>
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<td>leh-keh'rak</td>
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<td>leh-kau'rak</td>
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<td>16th</td>
<td>leh-sheh'rak</td>
</tr>
<tr>
<td>17th</td>
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<td>Ordinal Number</td>
<td>Vulcan Form</td>
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<td>-------------</td>
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<td>18th</td>
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<tr>
<td>1,000,000th</td>
<td>zhoh'rak</td>
</tr>
</tbody>
</table>

**Table of Ordinal Numbers**

**Enumerating Numbers**

In Golic Vulcan, a form different from the Cardinal Numbers is used when counting how many of an item there is, for example, "there is one ball" and "Surak sees two possibilities". The Enumerating Number is also used when answering a question where a specific quantity is the response or when filling out a form that needs a numerical response filled in. Some Enumerating Numbers are the same as their corresponding Cardinal Numbers, especially the higher numbers.

<table>
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<td>11</td>
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</table>
COMBINING (FORM) NUMBERS

In Golic Vulcan, as you will learn more fully in following lessons, when numbers are used as a combining adjective or as a modifying prefix, they are directly affixed to a word if the word is a solitary or basic word ("psthah", "skladan", "tchorka", etc.) or a binary word ("esh-tukh", "tal-muv", "yeht-gav", etc.) AND the Combining Form is a single affix. Corresponding examples of these forms in FSE would be "mono-", "uni-", "single-", "two-", "bi-", "di-", "double-", "tri-", "triple-", etc.

<table>
<thead>
<tr>
<th>FSE</th>
<th>TGV/MGV</th>
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<tbody>
<tr>
<td>1</td>
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Table of Enumerating Numbers

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</tr>
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<td>zhoh-</td>
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</tbody>
</table>

Table of Combining Form Numbers

Important Note: Combining Form Numbers must follow the word formation rules that dictate you cannot have more than three roots in a single word. For example, you can't have "leh-wuh-tal-muv" or "leh-dah-os-khaf-mev". Therefore, only the numbers one through ten, one hundred, one thousand, and one million are used regularly in Combining Form in proper Golic grammar. (The next form covers all other grammatical uses of adjectival or modifying numbers.)
ADJECTIVAL (FORM) NUMBERS

The Adjectival Form numbers are used exactly the same as a true adjective. Refer to later lessons which show how adjectives are used. Remember not to confuse them with the Ordinal Numbers.

<table>
<thead>
<tr>
<th>FSE</th>
<th>TGV/MGV</th>
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<tbody>
<tr>
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1,000,000 zhohik

Table of Adjectival Form Numbers
Lesson 6 -- Punctuation

Golic Vulcan - Lesson 6
Gol-Vuhlkansu - Tupa 6

PUNCTUATION
Pehkamitaya

In this lesson, we cover each Golic Vulcan punctuation mark and provide examples of its use with FSE translations. There are no exercises with this lesson.

As we'll see, Golic Vulcan sentence construction is different from that of FSE. Despite the differences, Golic Vulcan has a number of punctuation marks equivalent to those used in FSE. Listed below are all of the punctuation marks used in Traditional and Modern Golic Vulcan. For clarity, examples of use are provided where necessary.

" - " PAKH (stroke)

A very common mark used in affixing or compounding words, weak verbs, and in a sentence as a comma or semi-colon is used in FSE. Also exists in borrowed or ancient words that were originally affixed or compounded but no longer have a separate meaning.

1. In suffixes: kan-fam or pthak-bosh.
2. In compound words: esh-tukh or yokul-mev.
3. In weak verbs: fal-tor or vin-tor.
4. In ancient or borrowed words: fah-yat or rau-nol.
5. As a comma: Vesht gla-tor Sonok kus-vakh - dunap - ha'fek heh math (Sonok saw a bell, book, candle and plate), etc.
6. As a semicolon: Ma sa-kan dukal heh kep - ko-kan mokuv heh leitri (The boy owns a ball and a gong; the girl a ring and a toy), etc.

" - " or " -- " DAH-PAKH (double-stroke)

Used as a colon or dash is used in FSE.

1. As a colon: Nam-tor la reh Vuhlkansu – Sarek - Spokkh heh Saavik (There are three Vulcans here: Sarek, Spock and Saavik), etc.
2. As a dash: Olozhika - fai-tukh heh kenan – nam-tor u'vellar etek seven-tor (Logic, knowledge and understanding—these are the things we teach), etc.

" — " or " --- " EK'PAKH (full-stroke)

Used instead of the dah-pakh in classical literature, such as the works of Surak and T'Plana-Hath, and the majority of other religious and philosophical works. It has been superceded in most modern usage by the dah-pakh for typographic reasons, due to popularity of the media script. Also, equivalent to the ellipsis (... or ....) in FSE usage.

1. Instead of the dah-pakh in literature: >Ma etek natyan — teretuhr lau etek shetau weh-lo'uk do tum t'on.< ("We have differences. May we, together, become greater than the sum of both of us."—Surak)
2. As an ellipsis: >Tishau etek — nam-tor ish — kuv ri pohkau du —< ("We'd like to . . . that is . . . if you don't mind . . .")

"' " ULEF-PEKHAYA (half-stop)

A common mark used to separate affixes from root words. Also exists in some borrowed or ancient words that were once affixed or compounded but no longer have a separate meaning.

1. In prefixes: t'kau or svi'nahr.
2. In suffixes: hokni'es or pla'rak.
3. In ancient or borrowed words: vo'ekti.

". " EK'PEKHAYA (full-stop)

Used as a period is used in FSE.

".. " DAH-PEKHAYA (double-stop)

Used for emphasis and in imperatives, equivalent to an exclamation point in FSE. It is used sparingly by most modern Vulcans due to the fact that it evokes emotional displays. For example, the dialogue of Vulcan characters in a story would practically never contain dah-pehkaya, while the dialogue of non-Vulcans certainly could.

1. In exclamations: Sarlah wuh le-matya.. (There is a le-matya coming!)
2. In imperatives: Ikap-tor du svep.. (Close the door!)

"... " REH-PEKHAYA (triple-stop)

Used for greater emphasis than the dah-pehkaya, similar to multiple exclamation points in FSE.

Tuhsau Rihansular Ta'raf-Shal... (The Romulans are crossing the Neutral Zone!!!)

" | " ABRU-PAKH (up-stroke)

Used as a virgule (/) is used in FSE. (But the structure "and/or" in FSE is rendered as "il-oh" in Golic Vulcan.)


" | | " TUHSK-NENTULAR (comment frames) or WUH-NENTULAR (single frames)

Used as parentheses are used in FSE.

Dungi nam-tor keh os-yel-hali | ek s'kadvin | moguhshau (Four old starships (all out of commission) will be scrapped).

" || || " DAH-NENTULAR (double frames)
Used as brackets are used in FSE.

Vesht sara'eh nemut | Kardassular || il sos'eh Dzhem-Hadaru || | (The enemy (the Cardassians [or perhaps the Jem-Hadar]) arrived).

" > " STARUN-NENTULAR (speech frames)

Used as quotation marks (double quotes) are used in FSE.

Vesht tar-tor Surak >Nam-tor ri thrap wilat nem-tor rim<. (Surak said, "There is no offense where none is taken.")

Additional Notes
Hayak Pitohlar

1. As stated elsewhere, there is no question mark in Traditional Golic Vulcan. A normal question ends with ek'pehkaya in sentences with or without ha at the end. Also, where you would use a construction like "What in the world are you talking about?!" in FSE, you'd end the emphatic Golic Vulcan question with dah-pehkaya. For example, >Svi'ahm t'Surak ra..< ("What in Surak's name?!?")

2. No other punctuation marks exist in proper Golic Vulcan. Thus, there are no equivalent symbols to the ampersand (&), the number sign (#), braces ({}), the swung dash (~), etc.

3. Specialized symbols exist for science and mathematics, of course. They may be dealt with at a later date.
Lesson 7 -- The Simple Sentence, Part 1

Golic Vulcan - Lesson 7
Gol-Vuhlkansu - Tupa 7

THE SIMPLE SENTENCE, PART 1
Velik Zhit-Bal - Krus 1

Vocabulary
Zhit-Feim

Nash-veh I, me (literally "this-one")
Du You (singular; alone or after a consonant sound)
Tu You (singular; after a vowel sound)
Ish-veh he, she, it (literally "that-one")
Etek we, us (normal mode)
Dular you (plural; alone or after a consonant sound)
Tular you (plural; after a vowel sound)
Au they, them

Nam-tor is, am, are
Gla-tor see, sees

Eh and (after a vowel sound)
Heh and (alone or after a consonant sound)
Hi but
Fi' on
Na' at, to(wards)
Svi' in(side)

Fi'ar'kadan working, at work
Masupik wet
Nash-gad today
Nesh-kur black
Pi, Pi' little, small
Samek cold
Suk, Suk' big, large
Toranik busy, occupied
Wan-kur white
Zungor tired

Falek heat
Isachya hair (multiple strands)
Le-matya a large, venomous desert predator
Sehlat a bear-like, often domesticated, animal
Solai field
Svep door
Teresh-kah a type of bird
Yon fire
Sonok a male Vulcan proper name  
T'Luki a female Vulcan proper name  

Notes  
Pitohlar  

1. The formal order of words in a simple Golic Vulcan sentence is:  
a. the Verb  
b. the Subject  
c. the Object  
d. phrases that extend the Verb  

For example:  

Vesht gla-tor nash-veh sehat na'svep  
(Saw this-one sehat at-door)  
I saw a sehat at the door  

2. There is no definite article in Golic Vulcan, e.g. "sehat" can be translated sehat or the sehat.  

3. The indefinite article (wu) is always used in Traditional Golic Vulcan, while it is rarely used in Modern Golic Vulcan. For this lesson we will use the Modern Golic usage. Thus, "le-matya" can be either le-matya or a le-matya in Modern Golic, while in Traditional Golic, "le-matya" is le-matya and "wu le-matya" is a le-matya.  

4. Simple Verbs, especially "nam-tor" (to be), are often dropped when understood or unnecessary, e.g. "Nam-tor sehat la" and "sehat la" both can be translated the sehat is here.  

Exercise 1  
Tusok 1  

Translate the following into Federation Standard English:  


Exercise 2  
Tusok 2  

Translate the following into Golic Vulcan:  

1. The le-matya is white. 2. The sehat is black. 3. The le-matya is white but the sehat is black. 4. The le-matya is big. 5. The sehat is small. 6. The le-matya is big but the sehat is small. 7. The sehat is at the fire and the le-matya is at the door. 8. The fire is big and the door is small. 9. There is heat in the fire. 10. Sonok is big. 11. T'Luki is small. 12. T'Luki and Sonok are working. 13. T'Luki and Sonok are working in the field today. 14. They are busy in the field. 15. You (singular) are tired. 16. You (plural) are busy. 17. Today is wet. 18. T'Luki and Sonok are wet and cold.
The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 8 -- The Simple Sentence, Part 2

Golic Vulcan - Lesson 8
Gol-Vuhlkansu -- Tupa 8

THE SIMPLE SENTENCE, PART 2
Velik Zhit-Bal - Krus 2

Vocabulary
Zhit-Feim

Refer to the vocabulary used in Lesson 1.

Notes
Pitohlar

1. Most True Adjectives in Golic Vulcan have two separate forms:
a. Combining Form -- which is directly affixed to the modified Noun
b. Non-Combining Form -- which is not affixed to the modified Noun

For example:

"Nesh-" is the Combining Form of black, whereas "nesh-kur" is the Non-Combining Form.
"Pi" is the Combining Form of small, whereas "pi" is the Non-Combining Form.

The student of Golic Vulcan will learn the rules of formation through practice and later lessons.

2. The two forms of adjectives are used differently in Golic Vulcan:
a. Combining Adjectives always prefix the modified noun, which alters its meaning, e.g. "sehat" is the
generic term for the animal, whereas "nesh-sehat" (black sehat) is a particular species of the sehat.

Only one Combining Adjective may be attached to most nouns; additional modifiers must be Non-Combining.

b. Non-Combining Adjectives may precede or follow the modified noun. The placement of the adjective
before or after the word usually affects the meaning, e.g. "nesh-kur sehat" can be translated a black sehat
or the black sehat, whereas "sehat nesh-kur" can be translated as the sehat is black.

3. When a noun has a Combining Adjective prefixed, it may have additional Non-Combining Adjectives
modifying it. The most important descriptor precedes the affixed noun, while the other adjectives follow it.
This has to do with shades of meaning, for example:
"Suk'nesh sehat nesh-kur" accurately means the big sehat which happens to be black, but
"Nesh sehat suk" accurately means the black sehat which happens to be big, and therefore
"Masupik sehat suk" means the wet black sehat is big, and
"Suk'nesh sehat suk" means the big black sehat is wet

4. When two or more Non-Combining Adjectives modify a noun, the most important descriptor precedes the
noun, while the other adjectives follow it. This has to do with shades of meaning, for example:
"Masupik svep wan-kur" accurately means the wet door which happens to be white but would be translated
into Federation Standard English as the white wet door, and
"Wan-kur svep masupik" accurately means the white door which happens to be wet but would be translated
into Federation Standard English as the wet white door
Exercise 1
Tusok 1

Translate the following into Federation Standard English:


Exercise 2
Tusok 2

Translate the following into Golic Vulcan:

1. The black le-matya. 2. The white sehlat. 3. Wet hair. 4. Big Sonok. 5. Little T'Luki. 6. The black door. 7. The busy sehlat. 8. The wet black le-matya. 9. The busy white teresh-kah. 10. The cold hair is wet. 11. The wet door is black. 12. The white sehlat is at the black door. 13. The wet le-matya is in the white field. 14. T'Luki and Sonok are wet and cold. 15. The wet sehlat is at the fire and the cold le-matya is in the field. 16. T'Luki and Sonok are busy at work today in the wet field. 17. The white sehlat and the black teresh-kah are at the door.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 9 -- Weak Verbs

Golic Vulcan - Lesson 9
Gol-Vuhlkansu - Tupa 9

WEAK VERBS
Kobat-Tor-Zhitlar

New Vocabulary
Uzh-Zhit-Feim

Tor to do, to make
Fulaq-tor to lead
Gla-tor to see
Ha-tor to live
Kal-tor to allow, to let
Kras-tor to paint
Kum-tor to catch
Mahr-tor to buy
Min-tor to glow
Nam-tor to be, to exist
Og-tor to sew
Pil-tor to prepare food
Puk-tor to fight
She-tor to ascend, to go up
Tam-tor to dance
Tev-tor to descend
Yahv-tor to borrow
Zahal-tor to follow
Zhu-tor to hear

Fna' through
S' from, out of

Kin-kur yellow
Os old
Pla-kur blue
Uzh new
Wehk many
Yar-kur green
Yon-kur red
Zam few

Dunap book
Fau-yut road, street
Kaiden stairs
Kelek house
Kov rock, stone
Krani window
Sai-vel clothes
Wak-vel clock
Yem-tukh food
Yut *path, trail, way*

Notes

Pitohlar

1. Weak verbs are very common in Traditional and Modern Golic Vulcan, and are very simple to use, having the same form for all persons in each tense. In this lesson we will be discussing only the present tense of weak verbs. Later lessons will cover past and future forms of verbs. Below is an example of a present tense weak verb:
   Gla-tor = to see

   Gla-tor nash-veh gla-tor (lit. sees this one) = I see
   Gla-tor du = you (singular) see
   Gla-tor ish-veh (lit. sees that one) = he/she/it sees
   Gla-tor etek = we see
   Gla-tor dular = you (plural) see
   Gla-tor au = they see

2. Separate words do exist for "he" (*ish-sa*) and "she" (*ish-ko*), but those words are normally only used in Traditional Golic, in specific ancient rituals and formal literature, and in school. In Modern Golic usage, *ish-veh* is normally used for all genders of the third person singular. Of course, it is never incorrect for the student of Golic Vulcan to use the separate forms when first learning the language but we do not stress it here.

3. Plurals are formed by directly suffixing *lar* to the end of the noun modified. *Lar* is not used following a numbered noun, eg. *Gla-tor nash-veh kau kov*, meaning "I see five stones." Notice that *kov* is not suffixed.

Exercise 1

Tusok 1

Translate the following into Federation Standard English:


Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. T'Luki buys a new clock. 2. Sonok is borrowing the book. 3. T'Luki is sewing the clothes. 4. Sonok is preparing the food. 5. Sonok is descending the stairs but T'Luki is ascending the stairs. 6. The little sehlat is leading and the big sehlat is following. 7. You are painting the red door. 8. We are dancing in the new house. 9. The green le-matya and the yellow sehlat are fighting. 10. Sonok and T'Luki live in the big house in the small field. 11. The fire glows through the window of the little house on the road. 12. T'Luki borrows the blue books from Sonok. 13. There are many red stones in the field but few green stones. 14. The red le-matya catches the old teresh-kah in the field. 15. Sonok hears the le-matyas through the window on the path to the
door. 16. Little T'Luki follows the old white sehlat through the wet field to the road.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 10 -- Irregular Strong Verbs

Golic Vulcan - Lesson 10
Gol-Vuhlkuhsn - Tupa 10

IRREGULAR STRONG VERBS
Ripakhaik Kari-Tor-Zhitlar

New Vocabulary
Uzh-Zhit-Feim

Aitlu to desire
Estuhl to touch
Foshuhl to shed
Ip-sut to hide
Klacha to lock
Lasha to arrive
Pstha to search
Salur to blow
Shei to scream
Thanai to adopt
Tu'ash to open
Vlur to howl
Yokul to eat

Gahv-kur purple
Sahris, Sahr- fast
Vohris, Vohr- slow

Aluk fish
Kan child
Kanlar children
Ko-kan girl
Laptra forest
Muzh pond, pool
Rasath weight
Ravot insect, bug
Sa-kan boy
Salan wind
Sash-savas a citrus-like fruit
Yar grass

Notes
Pitohlar

1. Irregular Strong Verbs (ISV's) were once very common in Golic Vulcan, but thousands were dropped out of everyday use during the Golic Vulcan language reforms started by Surak. Because of Surak's death, though, the language reforms were not completed and many of these kinds of verbs continue to be used. ISV's are usually the oldest verbs found in Golic Vulcan and/or are words adopted from non-Golic Vulcan languages. Like Weak Verbs, they are very simple to use, having the same form for all persons in each tense. Unlike
Weak Verbs, the ISV's have no pattern in construction -- they may end in a vowel or a consonant. In this lesson we will be discussing only the present tense of ISV's. Later lessons will cover past and future forms of verbs. Below are two examples of present tense ISV's:

Estuhl = to touch

Estuhl nashi-veh = I touch
Estuhl du = you (singular) touch
Estuhl ish-veh = he/she/it touches
Estuhl etek = we touch
Estuhl dular = you (plural) touch
Estuhl au = they touch

Pstha = to search

Pstha nashi-veh = I search
Pstha tu = you (singular) search
Pstha ish-veh = he/she/it searches
Pstha etek = we search
Pstha tul = you (plural) search
Pstha au = they search

2. In addition to the previously shown meanings of "at", "to" or "towards", the Golic Vulcan prepositional prefix na can be translated as Federation Standard English "for".

3. In Golic Vulcan, most adjectives can be used as adverbs without a change in form. When used as an adverb, the word always follows the verb. This can possibly cause confusion to students, as demonstrated below:

Salur sahris salan -- which the student might assume could mean "the wind is blowing quickly" or "the quick wind is blowing". In this case, though, it can only mean the first choice. Since a "quick wind" is a single thing, "the quick wind is blowing" would be translated as salur sahr-salan, using the affixing form of "fast" or "quick".

Exercise 1
Tusok 1

Translate the following into Federation Standard English:


Exercise 2
Tusok 2

Translate the following into Golic Vulcan:

1. The wind blows. 2. The sehat howls. 3. The le-matya screams. 4. The girl touches the fish. 5. The boy locks the door. 6. The insect eats the grass. 7. Sonok wants to shed weight. 8. T'luki wants to eat the sash-savas. 9. T'luki searches the forest for the sehat. 10. Sonok searches the pond for fish. 11. Sonok and T'luki are adopting children. 12. The girl opens the purple door. 13. The white teresh-kah hides in the forest. 14. The children and the sehat arrive at the green door.
The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 11 -- Regular Strong Verbs

Golic Vulcan - Lesson 11
Gol-Vuhl kansu - Tupa 11

REGULAR STRONG VERBS
Pakhaik Kari-Tor-Zhitlar

New Vocabulary
Uzh-Zhit-Feim

Betau to approach
Danau to explain
Fnashtau to sweep
Kitau to write
Klashau to guard
Leipau to bake
Nehau to rot
The'polau to sauté
Tishau to like
Vashau to destroy
Vravshau to fail

Has-bosh ill, sick
K'avon hungry
Mol-kur magenta
Muhl healthy, well
Nev-kur maroon (color)
Rik'avon full (no longer hungry)
Zhai-kur gray
Zhar-kur orange (color)

Kap bread
Lan-tol floor
Lof purpose
Ne-yratra meadow
Nisan examination, test
Opilsu chef
Sazh vegetable
Svai flower
Urozh crops

Notes
Pitohlar

Regular Strong Verbs (RSV's) are very common in Traditional and Modern Golic Vulcan. Like other Golic verbs, they are very simple to use, having the same form for all persons in present tense. Unlike Weak Verbs and Irregular Strong Verbs, the RSV's have a different ending in simple past tense. In this lesson we will be discussing only the present tense of RSV's. Later lessons will cover past and future forms of verbs. Below is an example of a present tense RSV:
Kitau = to write
Kitau nash-veh = I write
Kitau du = you (singular) write
Kitau ish-veh = he/she/it writes
Kitau etek = we write
Kitau dular = you (plural) write
Kitau au = they write

Exercise 1
Tusok 1

Translate the following into Federation Standard English:


Exercise 2
Tusok 2

Translate the following into Golic Vulcan:

1. T'Luki bakes the bread. 2. Sonok sweeps the floor. 3. The sehlat guards the green door. 4. T'Luki explains the purpose to Sonok. 5. The crops rot in the field. 6. The girl likes the boy. 7. The wind destroys the flowers in the meadow. 8. The chef is sautéing the orange vegetables. 9. Sonok is sick but T'Luki is well. 10. The girl fails the test. 11. The white sehlat approaches the maroon flower in the meadow. 12. T'Luki likes blue and orange flowers but not red. 13. The girl is hungry but the boy is full.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 12 -- Adjectival Forms

Golic Vulcan - Lesson 12
Gol-Vuhlkansu - Tupa 12

ADJECTIVAL FORMS
Rub-Zhit-Shidlar

This lesson builds on the information in Lesson 8. The student might find it useful to review that lesson now.

New Vocabulary
Uzh-Zhit-Feim

ab rashau to pick up
set-tor to drop
tev-tor to fall
vazgau to steal

s' from

akansu an alien
Andorsu an Andorian
Beidzhorsu a Bajoran
Beitazedsu a Betazed
Deltasu a Deltan
ek'zer gem, jewel
Ferengi a Ferengi
Gornarsu a Gorn
Horta a Horta
Kardassu a Cardassian
kitau-skaf desk
kosu woman
lan-tol floor
Melkotsu a Melkotian
natuhnu box
Raidzhelsu a Rigellian
Rihansu a Romulan
salasu a native
sasu man
Tellarsu a Tellarite
Terrasu an Earthling (Terran)
Tlingansu a Klingon
Vuhlkansu a Vulcan

See also the chart below
Notes

Pitohlar

1. In Traditional and Modern Golic Vulcan, nearly every true adjective has two forms -- Combining Form and Non-Combining Form. (If you have not already done so, please review the material in Lesson 8 for a basic introduction to adjectives.)

2. The Combining Form of most adjectives is the base root word, although there are a few exceptions to be seen in our large vocabulary lists. This "root" is then prefixed to the noun to modify it.

3. The Non-Combining Form of most adjectives is the base root word, suffixed with the adjectival ending "~ik". These are considered "Regular Adjectives". Of course, many adjectives borrowed from older or other languages do not follow this construction. These are considered "Irregular Adjectives". The student will learn these through study and practice.

4. Adjectives based on verbs ending in "ai" or "au" are nearly always formed by directly suffixing "~k"; for example, "volail" or "patauk". These are also considered Regular Adjectives.

5. Some Irregular Adjectives have the same spelling for both Combining and Non-Combining Form. The best known of these is "tsuri" (common, regular, usual) and its negative counterpart "ritsuri" (uncommon, irregular, unusual). Of course, the Combining Form is still separated by a punctuation mark.

6. It is the tendency in Golic Vulcan to prefer using the Combining Form whenever possible. Therefore, if the noun is composed of no more than two word segments -- for example, "dal" or "dal-nath" -- then the Combining Form of the adjective is often prefixed to the noun. A Combining Form is never prefixed to a trinary word such as "bai-lon-tak", due to the Golic Vulcan word formation rule that prevents such formation. Always use the Non-Combining Form with a trinary word.

7. Golic Vulcan has something called a "State Modifier" which is not considered an adjective by Vulcan grammarians but still modifies a noun or establishes a state or status (hence the name). These are usually a suffixed word, such as "has-bosh" (sick, literally "sickness-full") or "zhu-fam" (deaf, literally "hearing-less"). These words may be affixed with other modifiers but do not affix to the noun.

8. Golic Vulcan also has one other construction that acts as an adjective; this is colloquially called a "With Modifier" but actually has no official grammatical term. Two examples are "k'avon" (hungry, literally "with hunger") and "k'mag" (thirsty, literally "with thirst"). These were once very common in older forms of the Golic Vulcan languages but are not as common in Traditional or Modern Golic. Since these words are already prefixed with a preposition, no other prepositions can be added. To say "with the hungry le-matya", for example, you'd say "k'le-matya k'avon".

In the tables below are some examples of various kinds of adjectives in both forms:

<table>
<thead>
<tr>
<th>F.S. English</th>
<th>G.V. Combining Form</th>
<th>G.V. Non-Combining Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>acidic</td>
<td>sash-</td>
<td>sashik</td>
</tr>
<tr>
<td>aggressive</td>
<td>kres-</td>
<td>kresik</td>
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<tr>
<td>alkaline</td>
<td>sovash-</td>
<td>sovashik</td>
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<td>angry</td>
<td>reshen-</td>
<td>resneke</td>
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<td>automatic</td>
<td>shati-</td>
<td>shatik</td>
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<tr>
<td>big, large</td>
<td>suk'</td>
<td>suk</td>
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<td>nesh-</td>
<td>nesh-kur</td>
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<td>English</td>
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<td>blind</td>
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<td>glan-fam</td>
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<td>uatelik</td>
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<td>pa'shik</td>
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<td>sam-</td>
<td>samek</td>
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<td>hungry</td>
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<td>k'avon</td>
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<td>ill, sick</td>
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<tr>
<td>jealous</td>
<td>kis-</td>
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<tr>
<td>obese</td>
<td>thel'an-</td>
<td>thel'anik</td>
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<tr>
<td>old-fashioned</td>
<td>---</td>
<td>vesh-nartauk</td>
</tr>
<tr>
<td>original</td>
<td>tvesh-</td>
<td>tveshik</td>
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### The Vulcan Language

<table>
<thead>
<tr>
<th>English</th>
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<th>Vulc</th>
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<tr>
<td>peaceful</td>
<td>---</td>
<td>sochya-bosh</td>
</tr>
<tr>
<td>possible</td>
<td>---</td>
<td>tor-vehat</td>
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<td>pretty</td>
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<td>takov</td>
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<tr>
<td>quiet</td>
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<td>hizhuk</td>
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<td>radioactive</td>
<td>---</td>
<td>galu-sayuk</td>
</tr>
<tr>
<td>right, correct</td>
<td>yeht-</td>
<td>yeht</td>
</tr>
<tr>
<td>same</td>
<td>ka-</td>
<td>ka</td>
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<td>short</td>
<td>pen-</td>
<td>pen</td>
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<tr>
<td>silent</td>
<td>---</td>
<td>ralash-fam</td>
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<tr>
<td>slow</td>
<td>vohr-</td>
<td>vohris</td>
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<tr>
<td>static</td>
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<td>vitik</td>
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<td>tall</td>
<td>---</td>
<td>ha-vol</td>
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<tr>
<td>tame</td>
<td>fnau-</td>
<td>fnau</td>
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<tr>
<td>telepathic</td>
<td>---</td>
<td>irak-nahik</td>
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<td>thick</td>
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<td>bali</td>
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<td>thirsty</td>
<td>---</td>
<td>k'mag</td>
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<td>tired</td>
<td>zungri-</td>
<td>zungor</td>
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<td>baik</td>
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<td>watosh-</td>
<td>watosh</td>
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<td>united</td>
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<td>kaunshuk</td>
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<td>useless</td>
<td>---</td>
<td>is-fam</td>
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<td>violent</td>
<td>khrash-</td>
<td>khrashik</td>
</tr>
<tr>
<td>white</td>
<td>wan-</td>
<td>wan-kur</td>
</tr>
</tbody>
</table>

### Exercise 1
**Tusok 1**

Translate the following into Federation Standard English:


### Exercise 2
**Tusok 2**

Translate the following into Golic Vulcan:

1. The Rigellian is violent but the Horta is peaceful. 2. The black sehlat are tame but the le-matyas are
aggressive. 3. The Ferengi is dishonest but the Earthling is honest. 4. The Klingon is hungry and thirsty. 5. The grey sehat and the blackbird are small and quiet. 6. T'Luki puts the heavy book on the small table. 7. The angry Andorian picks up the large box from the desk. 8. Sonok serves orange vegetables and blue fruits. 9. The long spoon falls on the floor. 10. The Romulan drops the large fork on the blue table. 11. The dishonorable Gorn steals our jewels from the big desk. 12. The tall Vulcan is blind and the short Betazed is deaf.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 13 -- Possession

Golic Vulcan - Lesson 13
Gol-Vuhlkansu - Tupa 13

POSSESSION
Mat

New Vocabulary
Uzh-Zhit-Feim

Ma to own, to possess
Nem-tor to take
Ritishau to dislike
Stau to kill
Yahv-tor to borrow
Zakar-tor to damage

Ka vah (the) same as

Bar-kas spice
Dukal ball
Dva belief
Kluf boot
Sahriv storm
Shur t'plomik, plomeek soup
Yarmok salad

Notes
Pitohlar

1. Denoting possession in Traditional and Modern Golic Vulcan is very easy; it closely follows the pattern of many of the Romance languages on Earth, such as French, Italian or Spanish. Instead of using the Federation Standard English form of an apostrophe and an "s", Golic Vulcan uses the prepositional prefix "t" (of). Also, remember that the item always precedes the owner in possession. Therefore, "Sonok's ball" would be translated "dukal t'Sonok" (literally "the ball of Sonok").

2. Personal possession is based on the personal pronouns, using the same rule as above. Therefore, "The le-matya is eating my ball and your book" would be translated "Yokul le-matya dukal t'nash-veh heh dunap t'du" (literally "Eats the le-matya the ball of me and the book of you"). Refer to the table below for reference.

<table>
<thead>
<tr>
<th>F.S. English</th>
<th>Golic Vulcan</th>
</tr>
</thead>
<tbody>
<tr>
<td>my/mine</td>
<td>t'nash-veh</td>
</tr>
<tr>
<td>your/yours (singular)</td>
<td>t'du</td>
</tr>
<tr>
<td>his</td>
<td>t'sa-veh or t'ish-veh</td>
</tr>
<tr>
<td>her/hers</td>
<td>t'ko-veh or t'ish-veh</td>
</tr>
<tr>
<td>its</td>
<td>t'ish-veh</td>
</tr>
</tbody>
</table>
3. Above you will notice there are two forms for "his" and "her(s)". This is related to the two forms for the corresponding personal pronouns. In Golic Vulcan "everyday" usage, "ish-veh" and its corresponding "t'ish-veh" are usually used for all forms of the third person singular. If it is necessary for clarity or you wish to use more formal usage, then use the gender specific terms. In these lessons we will use "t'sa-veh" and "t'ko-veh" to benefit the new student.

Exercise 1
Tusok 1

Translate the following into Federation Standard English:

1. You are eating my salad. 2. The girl takes his ball. 3. The boy takes her book. 4. Sonok likes bread with T’Luki’s plomeek soup. 5. The sehlat is eating her flowers. 6. T’Luki dislikes the spice in Sonok’s plomeek soup. 7. The storm is damaging the crops in our field but not his. 8. The le-matya is killing our sehlat. 9. T’Luki is borrowing Sonok’s black boots. 10. My beliefs are not the same as yours.

Exercise 2
Tusok 2

Translate the following into Golic Vulcan:


The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 14 -- Use of Numbers in Sentences

Golic Vulcan - Lesson 14
Gol-Vuhlksnsu - Tupa 14

THE USE OF NUMBERS IN SENTENCES
Is t’Su’uslar svi’Zhit-Ballar

New Vocabulary
Uzh-Zhit-Feim

Dvin-tor to serve
Fas-tor to cook
Nesh-tor to cut
Shitau to place, to put

Natya different

Flouk spoon
Ha’fek candle(stick)
Ko-telsu wife
Krus piece
Ku-san chair
Lipau knife
Math plate
Monek cup
Mu’yor night
Nef shelf
Pusu table
Rul’t-sai napkin
Sa-telsu husband
Snauk fork
Yel star
Yerak bowl

Also refer the the number tables in Lesson 5.

Notes
Pitohlar

1. As noted in an earlier lesson, simple plurals are created by directly suffixing "lar" to nouns. When using a number with a noun to signify quantity, though, "lar" is never used, since it is considered redundant. For example, "dunaplar" (books) but "reh dunap" (three books). Remember to use the Enumerating Form of numbers when signifying how much of an item there is.

2. Ordinal numbers precede the noun modified if there are no other adjectives. If there are other adjectives attached to the noun, then the order of the words determines shades of meaning. For example, "dah’rak sehlat nesh-kur" (the second sehlat is black) vs. "nesh-kur sehlat dah’rak" (the black sehlat is second).
Exercise 1
Tusok 1

Translate the following into Federation Standard English:

1. Here are five plates. 2. She has three forks. 3. You own seven candles. 4. Sonok puts four knives and one napkin on the table. 5. T'Luki puts twelve cups and nine spoons on the shelf. 6. We see seven teresh-kahs in the field. 7. Three le-matyas are killing our sehlats. 8. The boy cuts four pieces of bread. 9. The girl serves eight bowls of plomeek soup. 10. The chef cooks six different vegetables. 11. I see the first star of the night. 12. T'Luki is my second wife. 13. Sonok is my third husband. 14. The fifth sehat is brown but the sixth is black.

Exercise 2
Tusok 2

Translate the following into Golic Vulcan:


The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 15 -- Interrogatives

Golic Vulcan - Lesson 15
Gol-Vuhlkansu - Tupa 15

INTERROGATIVES
Deshkaun-Zhitlar

New Vocabulary
Uzh-Zhit-Feim

If which?
Lu when?
Po why?
Ra what?
t'Vi whose?
Uf how?
Uf mau how much?
Uf wehk how many?
Vi who?
Wilat where?

Tab-ma late
Va'ashiv again
Weh-rasahkos worse
Weh-rom better

Ash'ai sock
Ash'el shoe
Kahn meat
Ko-mekh mother
Malanu pants
Patam-sai cap, hat
Pelal robe
Sa-mekh father
San-zhel belt
Sav'el shirt
To-pal coat
To-sai cloak
Wak time

Notes
Pitohlar

1. A large percentage of Earth languages use some sort of "question mark" or other punctuation device to demonstrate that the sentence is a question. None of the Golic Vulcan languages uses a question mark, so it is not quickly obvious to the student of an Earth language that a sentence is a question. Most questions are formed simply by the use of an interrogative word at the end of the sentence. For example, "Kluflar t'nash-veh wilat" means "Where are my boots?" (literally "Boots of mine where?"). The question word is often spoken with a rising tone.
2. So-called "yes-no" questions are handled differently. The word normally used for "yes" is placed at the end of the question and pronounced with a rising tone. For example, "Olau tu has-bosh ha" means "Are you feeling ill?" (literally "Feel you ill yes?"). Speakers of Federation Standard English might find it easier to remember this structure by recalling the similar sounding "huh?" often used in informal speech.

3. If the tone of the question is quiet or normal, the sentence ends with an ek'pehkaya (full-stop) which is like a period. If the tone of the question is excited or loud, the sentence ends with a dah-pehkaya (double-stop) which is like an exclamation point. These rules apply to all questions. Speakers of Federation Standard English may initially find it strange to see a period or exclamation mark at the end of a question, but familiarity will come quickly through practice.

4. Sentence constructions for some questions will seem awkward to the student at first, due to the differences in grammar and word usage between the languages. For example, to ask "How hot is it?" you actually need to ask "Is heat how much?" ("Nam-tor falek uf mau.") or "How are you?" would be "Feel you how?" ("Olau tu uf."), etc.

Exercise 1
Tusok 1

Translate the following into Federation Standard English:


Exercise 2
Tusok 2

Translate the following into Golic Vulcan:


The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 16 -- Verbs - Past Tense Forms

Golic Vulcan - Lesson 16
Gol-Vuhlksnu - Tupa 16

VERBS: PAST TENSE FORMS
Tor-Zhitlar - Vesh-Wis-Shidlar

This lesson covers Simple Past Tense and Perfect Past Tense verb forms.

New Vocabulary
Uzh-Zhit-Feim

Hal-tor to go
Halovau to travel, to journey
Hash-tor to fly
Klepowau to shop
Nashiv-tor to attack
Stron-tor to escape
Tal-tor to find
Yaretau to visit

Vi' into

K'ashiv often
Wuh'ra'k first

Aru-yem dinner
Asal-yem breakfast
Eshikhu desert
Ha'gel light
Kahr town
Khi-gad-yem lunch
Khru evening
Klachek lock
Kraisek cage
Shan-hali shuttle
Stukh (outer) space
Tal-muv key
Tomasu relative

Notes
Pitohlar

1. To form the Simple Past Tense, Weak Verbs and Irregular Strong Verbs are simply preceded by the word "vesht". For example, "vesht gla-tor au", meaning "they saw" (literally "past see they"). Regular Strong Verbs, for example "tishau", are never preceded by "vesht" to form the Simple Past Tense. The final letter is changed from "u" to "l", thus "tishau tu" ("you like") and "tishal du" ("you liked").
2. To form the Perfect Past Tense, the participial prefix "ki" is directly attached to the verb. For Weak Verbs and Irregular Strong Verbs the "vesht" is dropped before attaching the prefix; for Regular Strong Verbs the prefix is attached to the Simple Past Tense form of the verb. For example, "ki'gla-tor du" ("you have seen") and "ki'tishal etek" ("we have liked").

3. To ask a question such as "Did you see the book?" you would use Simple Past Tense as the base. It would literally be rendered as "Saw you the book?" ("Vesht gla-tor du dunap ha").

4. To ask a question such as "Have you seen the ball?" you would use Perfect Past Tense as the base. It would literally be rendered as "Have seen you the ball?" ("Ki'gla-tor du dukal ha").

Exercise 1
Tusok 1

Translate the following into Federation Standard English:


Exercise 2
Tusok 2

Translate the following into Golic Vulcan:

1. I saw the light. 2. Sonok took the brown book. 3. T'Luki ate the salad. 4. The bird escaped from the cage. 5. The le-maty attacked our herd of sehlat. 6. The boy found the key and lock on the table. 7. The girl cooked dinner and baked bread. 8. We have seen the stars. 9. T'Luki has gone to town. 10. Sonok flew the shuttle into space. 11. We have often traveled to Shi'Kahr to shop. 12. Our relatives have visited the desert. 13. Have they eaten breakfast? 14. Did you see the first star of the evening?

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 17 -- Verbs - Simple Future Tense

Golic Vulcan - Lesson 17
Gol-Vuhlkansu - Tupa 17

VERBS: SIMPLE FUTURE TENSE
Tor-Zhitlar - Nenik Fa-Wak-Wis

This lesson covers constructions using "Will"

New Vocabulary
Uzh-Zhit-Feim

Refer to the previous lesson and established vocabulary.

Notes
Pitohlar

1. In Traditional Golic Vulcan, Simple Future Tense is formed by preceding the verb to be modified with the helper word "fa-wak" ("future"). For example, "fa-wak pehkau", meaning "will stop" (literally "future to stop"). Fa-wak is never affixed to a word.

2. In Modern Golic Vulcan, Simple Future Tense is formed by preceding the verb to be modified with the helper word "dungi". "Dungi" is not affixed to Weak Verbs, for example, "dungi kal-tor"; but it is affixed to both kinds of Strong Verbs, for example, "dungi-palikau". This is an ancient grammatical rule in normal sentence order.

2. For shades of meaning or emphasis, the sentence order of Future Tense constructions can change. For example: "Dungi-trasha etek", meaning "They will leave" (normal sentence order); but if you want to emphasize that "they" and not someone else is leaving, then the sentence would be "Dungi etek trasha", meaning "They will leave".

3. Where students of Golic Vulcan may have confusion in Future Tense usage, though, is when the sentence is a question and a questioning word is not used. Unlike Present Tense and Past Tense, the terminal questioning word "ha" is not used in Future Tense. Since there is no question mark in Vulcan, a Future Tense sentence can look like a statement or a question. For example: "Dungi tu sahrafel" can mean "You will trust" or "will you trust?" In written form, the student will have to go by context; in pronunciation, though, the tone of the last syllable in the final word is raised in the question only. Of course, questions with questioning words will not be confusing. For example: "Dungi hal-tor du wilat" ("Where will you go?")

Exercise 1
Tusok 1

Translate the following into Federation Standard English:


Exercise 2
Tusok 2

Translate the following into Golic Vulcan:

1. I will see the light. 2. Sonok will take the brown book. 3. T'Luki will eat the salad. 4. The bird will escape from the cage. 5. The le-matyas will attack our herd of sehlatz. 6. The boy will find the key and lock on the table. 7. The girl will cook dinner and bake bread. 8. Will T'Luki go to town? 9. Sonok will fly the shuttle into space. 10. We will travel to Shi'Kahr to shop. 11. Our relatives will visit the desert. 12. Will they eat breakfast? 13. Where will you see the first star of the evening?

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.
Lesson 18 -- Verbs - Advanced Forms

Golic Vulcan - Lesson 18
Gol-Vuhlkansu - Tupa 18

VERBS: ADVANCED FORMS
Tor-Zhitlar - Stor-Shidlar

This lesson covers sentences with "able to", "could have" and "would have" verb forms.

Vocabulary
Zhit-Feim
(May include repeats from earlier lessons)

Dvel-tor to choose
Hash-tor to fly
Ip-sut to hide
Kum-tor to catch
Mahal-tor to swim
Mavau to play
Tam-tor to dance
Uralau to sing
Yetur to drive
Yokul to eat

Ek'gad all day
Ek'mu'yor all night
Kuv if
Ten-mal early
Tor-yehat possible
Vohris slow
Wuh'ashiv another

Dzharel "jarel", a pony-like horned animal
Eshikh desert
Ha-kel home
Kahr town
Kanu children (TGV)
Kanlar children (MGV)
Mor-gril a wolverine-like animal
Ralash-tanaf music
Wak time

Notes
Pitohlar

1. This is an example of a verb using the form equivalent to "able to":
Kitau = to write
Kup kita' nash-veh = I am able to write
Kup kita' du = you (singular) are able to write
Kup kita' ish-veh = he/she/it is able to write
Kup kita' etek = we are able to write
Kup kita' dular = you (plural) are able to write
Kup kita' au = they are able to write

2. This is an example of the same verb using the form equivalent to "could have":
Kupi ki'kital nash-veh = I could have written
Kupi ki'kital du = you (singular) could have written
Kupi ki'kital ish-veh = he/she/it could have written
Kupi ki'kital etek = we could have written
Kupi ki'kital dular = you (plural) could have written
Kupi ki'kital au = they could have written

3. This is an example of the same verb using the form equivalent to "would have":
Vesht dungi ki'kital nash-veh = I would have written
Vesht dungi ki'kital du = you (singular) would have written
Vesht dungi ki'kital ish-veh = he/she/it would have written
Vesht dungi ki'kital etek = we would have written
Vesht dungi ki'kital dular = you (plural) would have written
Vesht dungi ki'kital au = they would have written

4. When a subjunctive is created with "if" ("kuv") and these verb forms, the verbs following the "if" remain in present tense form, since the sentence is already set to tense by the earlier verb. Also, if the subject is the same, it is not repeated. For example, "Vesht dungi ki'kital du kuv ma wak" literally means "You would have written if have time" but means "You would have written if you had time."

Exercise 1
Tusok 1

Translate the following into Federation Standard English:


Exercise 2
Tusok 2

Translate the following into Golic Vulcan:

1. I am able to sing. 2. You are able to fly. 3. Are they able to swim? 4. Sonok and T'Luki are able to dance. 5. The sehlat is able to hide in the desert. 6. We could have driven to town. 7. Our children could have come home. 8. Could we have chosen another book? 9. The Ferengi could have danced all night. 10. I would have written if I had time. 11. T'Luki would have eaten early if possible. 12. The le-matya would have caught us if we were slow.

The student is encouraged to learn further by making new sentences based on words from the dictionaries.
Lesson 19 -- Honorifics

Golic Vulcan - Lesson 19
Gol-Vuhlkansu - Tupa 19

HONORIFICS
Dorlanlar

Example Vocabulary
Li-Falik Zhit-Feim

Oekon God, the Supreme Being (ekon = a god)
Ofereksu the Creator (FERIKSU = creator, inventor)
Oko-mekh mother (when addressed, literally "honored mother")
Opilsu chef (pilsu = cook, food preparer)
Osa-mekh father (when addressed, literally "honored father")
Osavensu teacher (literally "honored teacher", as a token of respect)
Osu sir, madam (as in a title, literally "honored person")
Oveh sir, madam (when addressed, literally "honored one")

Onash-veh me (when spoken by a superior about themselves, literally "honored this-one")
Odu you (to a superior or honored person, literally "honored you")
Oish-veh he, she (about a superior or honored person, literally "honored that-one")
Oetwel we, us (when spoken by superiors about themselves, literally "honored we/us")
Odular you (to superiors or honored persons, literally "honored you-plural")
Oau they, them (about superiors or honored persons, literally "honored they/them")

Notes
Pitohlar

The use of "honorifics" is very common in all the Vulcan languages, including the Golic languages. This is to be expected in a culture that puts great emphasis on honoring elders, philosophers, teachers and superiors of any kind. This can be traced back into the dim past of Vulcan when the planet had classes that were strongly stratified. Indeed, life on Vulcan in some subcultures was once divided into a social system somewhat reminiscent of the caste system of India on Earth. Each social strata would use forms of words more formal or honorific when addressing or referring to those in a more superior position. This discussion will also be continued in the following, complementary lesson on modes of speech.

In Golic Vulcan, there are a number of examples of one word used for normal usage and a variant used when addressing or referring to something or someone "honored" or "greatly admired". Also, people in a higher status may use words that people in a lower status do not. These types of words will be addressed in the next lesson.

In addition, the prefix "o" -- which has no exact FSE translation but "honorable" is considered closest in meaning -- is directly affixed to the word it modifies. Examples: "Osu", literally "honored person", but usually translated as "sir" or "madam", depending on the context; and "osavensu" (honored teacher), which is nearly always used in preference over "savensu" (teacher). Almost any noun can be prefixed this way, but some words could be taken as sarcastic or insulting if made into an "honorific". For example, "Oghush-masu", literally "honored sewage".

Children of a family or clan almost always use the honorific form of "father" or "mother", etc., when
addressing their elders. Thus, "osa-meh" (honored father) instead of "sa-mekh" and "oko-meh" (honored mother) instead of "ko-meh".

Also, linked to honor, the prefix "o" can mean an upgrade in status for a word, for example, "pilsu" (cook, food preparer) but "opilsu" (chef), or "hashsu" (pilot) but "ohashsu" (ace, expert pilot).

Despite potential spelling or pronunciation confusion, "o" is always directly affixed to a word whether it begins with a consonant or vowel sound. An "honorific" word is the only time you will possibly see a Golic Vulcan word start with three vowels.

There are no exercises for this lesson.

The student is encouraged to experiment creating honorifics from words in the large vocabulary lists.
Lesson 20 -- Imperatives

Golic Vulcan - Lesson 20
Gol-Vuhlkansu - Tupa 20

This lesson has to do with the formation of imperatives in Golic Vulcan. Imperatives are the forms of words used when commanding someone or something to do a specific action. Examples: "Stay!" "Sit!" "Roll Over!" "Answer!" As with many other parts of Golic Vulcan speech, there is a normal form used with most people, such as equals, friends, children, people in an inferior position in rank or status, a pet, etc.; and an honorific form used with a superior, a parent, a teacher or other honored person.

Notes
Pitohlar

Normal imperatives are formed by suffixing "'uh" to a combining form of the verb. Honorific imperatives are formed by suffixing "'voh" to a combining form of the verb.

Weak Verbs, as we have shown earlier, are any verbs that end in "-tor", such as kal-tor (to allow, to let). The root of kal-tor is "kal". Adding the imperative suffixes, you get "kal'uh" (normal) and "kal'voh" (honorific). Examples of use are: "Kal'uh nash-veh.." and its counterpart "Kal'voh nash-veh.." meaning "Let me!"

Regular Strong Verbs are any verbs that end in "au", such as vashau (to destroy). You would assume that to form the imperative, you would drop the "au" and suffix it, but this causes a potential confusion in meaning, since there could be verbs like "vashau" and "vash-tor" that might mean something different, thus the roots would not be able to be used identically. In order to not confuse the meaning of words, regular strong verbs drop only the final "u" before adding the imperative suffixes. "Vashau" becomes "vasha'uh" and "vasha'voh". Examples of use are: "Vasha'uh yel-hali t' nemut.." and "Vasha'voh yel-hali t' nemut.." meaning "Destroy the enemy starship!"

Irregular Strong Verbs are any verbs that do not end in "-tor" or "au", such as tu'ash (to open). The imperative suffixes are added directly to the end of irregular strong verbs, thus you get "tu'ash'uh" (normal) and "tu'ash'voh" (honorific). Examples of use are: "Tu'ash'uh svep.." and its counterpart "Tu'ash'voh svep.." meaning "Open the door!"

There are no exercises for this lesson.

The student is encouraged to experiment creating imperatives from words in the large vocabulary lists.
Lesson 21 -- Dependent Clauses

And

Lesson 22 -- Complex Sentences

are coming soon – check the Vulcan Language Institute website at www.vulcanlanguage.com for updates and more information.
Vulcan Culture

The Vulcans have a very rich and diverse culture deeply rooted in ancient tradition and beliefs. Many important events in the lives of Vulcans have a ceremony or ritual attached to it. Although all Vulcans do not follow every one of the ancient ways, the vast majority of Vulcans find great comfort and logic in the stability afforded by old traditions, many of which actually date back before the time of Surak. Even those Vulcan offshoots, the Romulans, retain a few odds and ends of the traditions of their long-abandoned original homeworld.
Philosophy and Teachings of Surak

Ven-dol-tar heh Saven-don-tak t'Surak

The sayings, wisdom and teachings of Surak, and those attributed to him after his death, play an extremely important part in Vulcan culture and society. Although all Vulcans do not follow his teachings in the same manner and some have even rejected his teachings, the vast majority of Vulcans revere Surak above all other Vulcans past or present. It is unlikely this will ever change as long as an advanced culture lives on T'Khase. Recent information has shown that selected items from Surak's teachings, approved by the government, are even taught in Romulan society!

One of the most important philosophies to come from Surak's teachings was the concept of IDIC (Infinite Diversity in Infinite Combinations) or Va'Vuhnaya s'Va'Terishlar in Traditional Golic Vulcan. Most followers of the teachings of Surak are believers of this concept. As recognition of that fact, these adherents will wear or display the famous IDIC symbol designed by Surak. Many non-Vulcans have adopted this belief and the symbol as well.

EXAMPLES OF SURAK'S TEACHINGS

Li-fallar t'saven-don-tak t'Surak

>Dakh pthak. Nam-tor ri ret na'fan-kitok fa tu dakh pthak<.  
Cast out fear. There is no room for anything else until you cast out fear.

As far as possible, do not kill. Can you return life to what you kill? Then be slow to take life.

>Ma etek natyan — teretuhru lau etek shetau weh-lo'uk do tum t'on<.  
We have differences. May we, together, become greater than the sum of both of us.

>Nam-tor ri thrap wilat nem-tor rim<.  
There is no offense where none is taken.

>Shiyau thol'es k'thorai ri k'ahm<.  
Nobility lies in action not in name.

>Tilek svi'khaf-spol t'vathu - tilek svi'sha'veh<.  
The spear in the other's heart is the spear in your own.

>Variben veh sochya kuv nam-tor vah goh yut ha-tor<.  
He talks peace if it is the only way to live.

>Ri klau au ik klau tu. Nufau au sochya - yi dungi ma tu sochya<.  
Do no harm to those that harm you. Offer them peace, then you will have peace.

>Ri vath kau eh ri vath rok nam-tor na'etek hi etek kau-tor<.  
There is no other wisdom and no other hope for us but that we grow wise.

>Pulau na'vathular k'nuhk. Nar-tor pulaya s'au k'ka'es - k'el'rular tun-bosh<.  
Reach out to others courteously. Accept their reaching in the same way, with careful hands.
>Nam-tor wak vah yut s’vesht na’fa’wak heh pla’rak. I'wak mesukh-yut t'on<.
*Time is a path from the past to the future and back again. The present is the crossroads of both.*

>Eik-veshtaya to’ovau kau - lu veshtaya ri glazhau goh na’kastorilaya t’kashan<.
*Wide experience increases wisdom, provided the experience is not sought purely for the stimulation of sensation.*

>Spunau bolayalar t’Wehku bolayalar t’Zamu il t’Veh<.
*The needs of the many outweigh the needs of the few or the one.*

**T’PLANA-HATH’S STATEMENT ON LOGIC**

**Star-Krus na’Olozhika T’Plana-Hath**

Nam-tor Olozhika kluterek t’sha’sutenivyaya - k’ish she-tor etek s’nezhak - isan utvau vah sha’kakhartayek.
*Logic is the cement of our civilization with which we ascend from chaos, using reason as our guide.*
Vulcan Disciplines and Religions

Nahrlar heh Odvalar Vuhlkansu

(This is not a comprehensive guide and is meant only as an introduction.)

Disciplines

Ahkhinahr -- ancient training to become a battlefield psionic warrior
Dwemish ni-an -- training: "isolation of identity"
Enok-kal fi-lar -- training; processes of definition
Eshak -- "eschak", destructive psychokinetic effects
Fal-tor-pan -- refusion of body and katra
Foshinahr -- ancient training to become a defensive psionic warrior
Ikapiarak -- meditation: "closed posture"
Ke-ta-yatar -- ancient fighting style designed to kill
Ke-tarya -- an ancient fighting style
Koh-nar -- "k'oh-nar", the feeling of being completely exposed in some manner
Kohl -- an emotion-purging mind-exercise
Kohl-tor -- to meditate (Vulcan-style)
Kolinahr -- rigorous training program at Gol to purge oneself of all emotions
Loshirak -- meditation: "open posture"
Nahr -- discipline
Nashinahr -- ancient training to become an offensive psionic warrior
Ni-prazh -- stoic, displaying no emotion(s)
Olozhika -- logic
Orensu -- student, pupil
Pid-trensu -- high master
Pihlora -- "pyllora", counselor, guide (anc.)
Psthan -- search, quest, hunt
Pthak -- fear, phobia
Savensu -- teacher
Sele-an-t'li -- secondary level of adult discipline (anc.)
Shaukaush -- passion(s)
Shaula -- self-control, reason(ing)
Sochya -- peace
T'san s'at -- a process of eliminating emotions (anc.)
Ta'a -- "taal", traditional Vulcan hand salute
Tal t'li -- first meditation of adult training
Tehrai -- goal
Tela'at -- elder (title of respect for advanced age Kolinahru)
Tren'es -- mastery
Trensu -- master
Tu-lan -- Vulcan breathing exercise
Tvi-sochya -- inner peace
Vedrah prah -- acceptance and negation of pain and discomfort (anc.)
Venlinahr -- normal state of adult discipline
Religion:

Ap-Lau -- a place of eternal peace, "heaven" (anc.)
Bogozh -- a place of eternal punishment, "hell" (anc.)
Dva -- belief
Dvatai -- doctrine, principle, tenet
E'shua -- demon
Eglus -- religious shrine (anc.)
Fa-wak-glansu -- prophet
Faul -- sacred stone (anc.)
Go'nevsu -- acolyte, helper
Ha'su -- angel, "one of light"
Hamlan -- "The Great Oasis", a concept of paradise
Katra -- the living essence of a Vulcan, a combination of soul & memory
Kator-dva -- spirituality
Korsovaya -- salvation
Odva -- religion
Oekon -- God, The Supreme Being
Ofereiksu -- The Creator (ie, God)
Osu -- holy person, saint
Ozhit -- "The Word", holy scriptures
Reldai -- female religious leader, ruler or princess (anc.)
Ri-fainu -- the Unknown
Sha-ka-ri -- mythical source of creation (anc.)
Tam'a -- ghost, spirit (anc.)
Trufemu -- martyr
Ven-dol-tar -- philosophy (anc.)
Vulcan Rituals and Ceremonies
Ho-Rahlar heh Van-Kallar Vuhlkansu

KAN-TELAN
Child Bonding

One of the oldest surviving Vulcan traditions is the bonding of children when they are at least seven years old. Although the vast majority of Vulcans were bonded this way in the past, more and more families in modern times are choosing to forgo this tradition and let their children bond with a person of their choice as adults. It is predicted that the child bonding tradition may completely disappear in less than two hundred years on T'Khasi.

Traditionally, families would bond their male child to the female child of another clan for political or prestige reasons. In more recent times, it became more common for childhood friends, classmates or coworkers to discuss the prospects of bonding their compatible children. Of course, in a perfect world, it would always be possible to match your child with another child of the same age. This is not always the case. It is not at all rare for the family of the male child to delay bonding their son until the intended female child reaches the age of seven. Thus, although most Vulcan couples that bonded as children are the same age, it is entirely possible to find a gap in age of perhaps two or three years.

The ceremony is conducted by a Vulcan master at the male child's clan ceremonial site. Below you will find an example of the child bonding ceremony. We will use the example of a male child named Stola and a female child named T'Lita.

Traditional Golic:

Master: Na'shayalar na'kanok-veh la. Ettek hoknau fi'nash-mazhiv
na'telan t'Stola eh t'T'Lita. | da-tor na'sa-mekh t'sa-kan |
Sitok - sa-fu t'Skon - sa-fu t'Sumek - nam-tor sha'kan t'ya'shakhuv na'telan?
Sitok: Ish-veh nam-tor.
Master: | da-tor na'sa-mekh t'ko-kan |
Subek - sa-fu t'Saruk - sa-fu t'Sebuk - Nam-tor sha'kan t'ya'shakhuv na'telan?
Subek: Ish-veh nam-tor.
Master: Kal-tor palikau. | takau kanlar fa'rak |
Stola - sa-fu t'Sitok heh t'T'Luba - nam-tor du na'telan?
Stola: Nash-veh nam-tor.
Master: | da-tor na'ko-kan |
T'Lita: ko-fu t'Subek heh t'T'Linu - nam-tor du na'telan?
T'Lita: Nash-veh nam-tor.
| yi afer-tor trensu kash-naf k'kanlar |
Master: Kashkau -- wuhkuh eh teretuhr --
Estuhn wi ri estuhn -- k'wuhli wi ri k'wuhli --
Stola: Estuhn wi ri estuhn -- k'wuhli wi ri k'wuhli --
T'Lita: Estuhn wi ri estuhn -- k'wuhli wi ri k'wuhli --
Stola & T'Lita: Nam-tor etek wuhkuh.
Master: K'navau telan -- | i'trasha naf |
Lu sarlah pon farr - dungu-fun-tor na'nash-shi na'kun-ut kali-fi. Sochya eh dif.
Stola & T'Lita: Dif-tor heh smusma.
Federation Standard:

High Master: Greetings to everyone present. We are gathered on these sands for the bonding of Stola and T'Lita. (turns to the boy's father)  
Sitok, son of Skonn, son of Sumek, is your child of age for bonding?  
Sitok: He is.  
Master: (nods and turns to the girl's father)  
Subek, son of Saruk, son of Sebuk, is your child of age for bonding?  
Subek: She is.  
Master: Let it begin. (beckons the children forward)  
Stola, son of Sitok and T'Luba, are you prepared for bonding?  
Stola: I am.  
Master: T'Lita, daughter of Subek and T'Linu, are you prepared for bonding?  
T'Lita: I am.  
(the master then establishes a mind-link with both children)  
Master: Our minds, one and together . . .  
Touching, yet not touching; apart, yet never apart . . .  
Stola: Touching, yet not touching; apart, yet never apart . . .  
T'Lita: Touching, yet not touching; apart, yet never apart . . .  
Stola & T'Lita: We are one.  
Master: The bonding has succeeded . . . (the link is broken)  
When the pon farr comes, you will return to this place for the kun-ut kali-fi.  
Peace and long life.  
Stola & T'Lita: Live long and prosper.

KOLINAHHR
Adult Emotion Purging Discipline

Most adult Vulcans are satisfied with achieving Venlinahr; the normal state of adult discipline, which most have little difficulty achieving. Roughly 10% of adult Vulcans, though, choose to undergo the rigorous and often long training process called Kolinahr, which leads to the complete cleansing of all emotions and the embracement of total logic. Not all who begin the Kolinahr training will finish it, due to many factors and all the disciplines that must be mastered. Each student's training is supervised directly by one of the head acolytes at Gol and periodically monitored by the High Master herself.

The actual training has no strict time-frame and is customized with regards to the strengths and weaknesses of each student. More than one person has completed Kolinahr in less than a year, but it is most common for someone to spend approximately two to three years in training, at a minimum, to achieve Kolinahr. At the completion of the training, the High Master herself will conduct the traditional completion ceremony. She will mind-meld with the student to verify that Kolinahr has, in fact, been achieved. If successful, the student will be presented with a symbol of total logic to wear around the neck on traditional occasions. The symbol is partially designed by the student during training, so the symbol is unique for each person. This is logical, since all people are unique.

Below you will find an example of the traditional closing ceremony between the High Master and Student at the end of successful Kolinahr training in both Traditional Golic Vulcan and Federation Standard English. The current High Master of Gol is T'Sai and she uses a less "old-fashioned" type of speech than her predecessors. We will use the example of a student named Sovuk here. The acolyte is the one who supervised that person's training.
Traditional Golic:


| Shitau setebuhk pa'talu t'orensu - zahal-tor k'kash-naf |

Student: Nash-veh itar-bosh. Sochya eh dif.
High Master: Dif-tor heh smusma.

Federation Standard:

High Master: Our ancestors cast out their animal passions here on these sands. Our race was saved by attainment of Kolinhahr. Acolyte: Kolinhahr: Through which all emotion is finally shed.
High Master: You have labored long, Sovuk . . . now receive from us this symbol of total logic.

(The symbol is placed around the student's neck, followed by the mind-meld.)

High Master: Our minds, Sovuk, one and together . . .
You have attained Kolinhahr. Emotions will never control you again.
Student: I am grateful. Peace and long life . . .
Master: Live long and prosper.

Kun-ut Kali-Fi eh Pon Farr
Marriage Challenge and Pon Farr

Upon the reaching of pon farr (mating time), male Vulcans begin to experience progressively more serious biochemical changes, ultimately leading to plak-tau (blood fever) which necessitates that they complete the kun-ut kali-fi or suffer madness and death. The onset of pon farr varies from individual to individual and depends on many factors, including genetics, environment, diet, and mental discipline. If the Vulcan is on-planet, they immediately will return to their traditional family lands. If the Vulcan is off-planet, they must make arrangements to return to Vulcan as quickly as possible.

If the Vulcan is bonded, his intended will know through their link that pon farr has arrived. The changes in the male will trigger biochemical changes in his female counterpart, regardless of the distance involved. The female will inform her clan matriarch of the arrival of pon farr, who will in turn inform the clan matriarch of the male's family. The male's family will arrange for the kun-ut kali-fi ceremony to take place at the clan's traditional place.

If the Vulcan is unbonded when pon farr arrives and he is not under the control of the plak-tau, his family will make arrangements for several satisfactory potential mates to be available for his choosing. He will make his own selection based on a logical weighing of the qualities of the potential mates. This is known as telsu dvelan (bondmate selection). If the unbonded Vulcan is under the control of the plak-tau, his family will
either select a suitable mate for him (the most common option) or hold a modified version of the *kun-ut kali-fi*, known as the *ko-telsu kali-fi* (wife challenge), where interested females fight for the privilege to be bonded with the male. They do not necessarily fight to the death. Once a female has been selected, the usual *kun-ut kali-fi* takes place.

Below you will find an example of the ritual communication between two Vulcans who were bonded as children and are making their first contact as adults prior to the *kun-ut kali-fi* ceremony, as well as two examples of the *kun-ut kali-fi* ceremony, in both Traditional Golic Vulcan and Federation Standard English. The first example is without a challenge, the second where a challenge is given. For the "with challenge" example, we have chosen a case where the female intended has declared "kali-fi". Although not detailed here, it is also possible for another adult male present to declare his desire for the female and call for "kali-fi", although that is seldom seen. A version of the *ko-telsu kali-fi* may also occur, where another female present will issue a challenge against the intended female and will fight for the male.

We will use "Snokk" for the male, "T'Pril" for the female and "T'Puk" for the matriarch.

**Reunion Greeting Prior to Kun-ut Kali-fi**

**Traditional Golic:**

T'Pril: Snokk, nam-tor nash-veh.

**Federation Standard:**

T'Pril: Snokk, it is I.
Snokk: T'Pril, parted from me and never parted. Never and always touching and touched. We meet at the appointed place.
T'Pril: Snokk, parted from me and never parted. Never and always touching and touched. I await you.

**Kun-ut Kali-fi Without A Challenge**

**Traditional Golic:**

Lates Snokk na'svitan t'shi'kun-ut kali-fi eh kus-tor wuh'wak van-kal-kep gluvaun lashan t'ish-veh. Po'svih kus-tor ish-veh dah'rak wak glantokau pok'es na'van-kal palikau. I'svi-tor kun-ut-travek - fulagan k'pid-kom t'maat t'sasu. Lau il ri lau nam-tor la vath pi'maat-kisular t'on-okeleklar - fupa s'dvel t'wuhsluar.

Po'lashan t'kun-ut-travek heh ki-shitaui ek'shailar - tan-tor Snokk heh sha'maat-pid-kom ho-ta'la - zahalan k'pi'kash-naf wugau pon far. Kuv ma la Snokk th'ai'lar - ragtau ish-veh au na'pid-kom.
T'Puk: Ra tu ak gla-tor tev-tor s'wak t'Palikaya. Nam-tor u'khaf-spol Vuhlansu - nam-tor u'katra Vuhlansu - nam-tor u'sha'yu. | Svizh | Kali farr..


T'Puk: Pon farr..


**Federation Standard:**

Snokk walks to the center of the place of kun-ut kali-fi and rings the ceremonial gong once to show his arrival. After a pause, he rings it a second time to signal his readiness for the ceremony to commence. The marriage party now enters, lead by the matriarch of the male's clan. Other family members of both houses may or may not be present, according to the choice of the individuals.

After the marriage party has arrived and all have taken their places, Snokk and his clan matriarch give each other the ritual hand greeting, followed by a brief mind meld to confirm pon farr has arrived. If Snokk has friends present, they are introduced to the matriarch.

T'Puk: What you are about to see comes down from the time of the Beginning. This is the Vulcan heart, this is the Vulcan soul -- this is our way. (Pause) Kali farr! (Time of challenge!)

After a reasonable pause and having received no challenge, Snokk rings the ceremonial gong a third time to signal the marriage ceremony is to begin. T'Pril will now come forward and the couple will enter into a mind meld with the matriarch. She will complete the marriage bond and initiate the bonding fever in both.

T'Puk: Pon farr! (Time of mating!)

All others at the ceremony will now exit the place of kun-ut kali-fi, except for the couple, the matriarch and a hooded guard. With the couple now both in the plak-tau, the matriarch will observe the consummation of the marriage.

**Kun-ut Kali-fi With A Challenge**

**Traditional Golic:**

Lates Snokk na'svitan t'shi'kun-ut kali-fi eh kus-tor wuh'wak van-kal-kep gluvaun lashan t'ish-veh. Po'svizh kus-tor ish-veh dah'rak wak glantokau
pok'es na'van-kal palikau. I'svi-tor kun-ut-travek - fulagan k'pid-kom t'maat t'sasu. Lau il ri lau nam-tor la vath pl'maat-kisular t'on-okeleklar - fupa s'dvel t'wuhsular.

Po'lashan t'kun-ut-travek heh ki-shitaun ek'shailar - tan-tor Snokk heh sha'maat-pid-kom ho-ta'a - zahalan k'pi'kash-naf wugau pon farr. Kuv ma la Snokk t'hai'lar - ragtau ish-veh au na'pid-kom.

T'Puk: Ra tu ak gla-tor tev-tor s'wak t'Palikaya. Nam-tor u'khaf-spol Vuhkansu - nam-tor u'katra Vuhkansu - nam-tor u'sha'yet. | Svizh | Kali farr..

Betau Snokk van-kal-kep reh'wak kus-tor hi ash-tor T'Pril svi'ish-veh eh kep.

T'Pril: Kali-fi..


T'Puk: Snokk - nar-tor du kali-fi fupa s'sha'to-gavlar heh s'oyutlar?


T'Puk: La'palikau torai t'vik-mor na'mat t'kosu T'Pril. U vesht svi'wak t'Palikaya - dom i'nam-tor. Katau fa'raq lirpa.

Dungi-katau fa'raq dah van-kal-klashausu lirpalar heh tan-tor wuh-tik na'Snokk heh na'Tupak.


T'Puk: Snokk - ki'fokovau du svi'vik-mor na'mat t'kosu T'Pril. Istau tu tel-tor k'ish-veh ya'akashan kali-fi?
K'kanok-nuf fainu porai t'vik-mor na'tevakh k'vathsu dungi-shau plak-tau
eh kal-tor sasu tabakau be-tsuri-tash t'shai. Skilan-sasu dungi-panah-tor
ko'ozhika dvel - kuv il ri tel-tor k'kosu man vetlar pa'ish-veh eh vesht
ya'akash kali-fi. Nam-tor ri gubi kuv sasu dvel-tor el-tor kosu s'sha'tel -
tsuri dungi-tor. Kuv ish-veh dvel-tor ovsoh tel - nam-tor kesik shif
dungi-ha-tor k'wuhli po'plathaya t'tel.

Snokk: Nafai-tor nash-veh - du vesht dungi-nam-tor ko-telsu ma vetlar u
T'Pril: Dif-tor heh smusma - Snokk.

Pid-kom lau il ri lau tor star-krus ikap-tor van-kal.

**Federation Standard:**

Snokk walks to the center of the place of kun-ut kali-fi and rings the
ceremonial gong once to show his arrival. After a pause, he rings it a
second time to signal his readiness for the ceremony to commence. The
marriage party now enters, lead by the matriarch of the male's clan. Other
family members of both houses may or may not be present, according to
the choice of the individuals.

After the marriage party has arrived and all have taken their places,
Snokk and his clan matriarch give each other the ritual hand greeting,
followed by a brief mind meld to confirm pon farr has arrived. If
Snokk has friends present, they are introduced to the matriarch.

T'Puk: What you are about to see comes down from the time of the
Beginning. This is the Vulcan heart, this is the Vulcan soul -- this is
our way. (Pause) Kali farr! (Time for challenge!)

Snokk approaches the ceremonial gong to ring it a third time but T'Pril steps
between him and the gong.

T'Pril: Kali-fi!

With challenge having been given, Snokk will withdraw to the side to await
the coming combat. In most cases, the plak-tau will begin to take control.

T'Puk: T'Pril, you have chosen the kali-fi. You are prepared to become the
property of the victor?
T'Pril: I am prepared.
T'Puk: Snokk, do you accept the kali-fi according to our laws and customs?

Snokk may or may not reply, depending on how deep he is in the plak-tau.
If able to speak, he will accept the challenge, otherwise it is accepted for him.

T'Puk: T'Pril, you will chose your champion.
T'Pril: As it was in the dawn of our days, as it is today, as it will be for all
tomorrows, I make my choice. I choose this one.
T'Pril will point out her champion. In this case, a male named Tupak. A couple minutes are given for the champion to consider.

T'Puk: It is done. Tupak, decide. Tupak: I accept kali-fi. T'Puk: Here begins the act of combat for possession of the woman T'Pril. As it was at the time of the Beginning, so it is now. Bring forth the lirpa.

Two ceremonial guards will bring forth the lirpas and give one each to Snokk and Tupak.

T'Puk: If both survive the lirpa, combat will continue with the ahn-wun. It has begun, let no-one interfere.

Everyone but Snokk and Tupak will back out of the way and the combat will begin. They will fight with the lirpas until one of them is dead or at least one of the lirpas is broken. If both are still alive, the combat will continue with the ahn-wun. In the unlikely event that both survive the ahn-wun, combat will continue with additional weapons of the matriarch's choice, including daggers, spears, swords or other weapons, until one is killed.

T'Puk: Snokk, you have prevailed in combat for possession of the woman T'Pril. Do you wish to bond with she who requested the kali-fi?

In every known case, the act of combat to the death with another will break the plak-tau and allow the male to regain near-normal control of himself. The winning male will have to weigh logically the choice of whether or not to bond with a woman who had doubts about him and requested kali-fi. There is no stigma if the male choses to free the female from their bond and this is usually done. If he chooses to complete the bond, it is likely that the couple will live separately after consummating the bonding.

Snokk: I acknowledge that you who would be my wife has doubts as to my worthiness as a husband. I free you from our bond. Live long and prosper. T'Pril: Live long and prosper, Snokk.

The matriarch may or may not make a statement to close the ceremony.

**Nath-Pal-Nahr**

**Youth Emotional Control Discipline**

Vulcan youth who have been declared continually and unrepentantly "over-emotional" by their families and/or teachers are usually sent to a Vulcan Master for rigorous mental training. This usually occurs after the youth is expelled from classes and/or banished from their families after a number of "emotional" incidents and/or a clear pattern of behavior is observed. Although youths who require additional mental discipline training beyond what is normally provided to all young Vulcans are not common, they are not rare either. This is due to the nature of being a Vulcan. The *Nath-Pal-Nahr* is considered the last chance for a young person to gain control over emotions and be welcomed in normal Vulcan society. Although the training is usually conducted by one of the Vulcan masters at Mount Seleya or even Gol, any qualified master may conduct the training. Normally the parents of the youth will select a master known to them personally or perhaps who is a member of the same clan. Failure to accept or finish the *Nath-Pal-Nahr* will invariably lead to being declared "vrekasht" (outcast).
Below you will find an example of the simple traditional closing exchange between Master and Student at the end of successful Nath-Pal-Nahr training in both Traditional Golic Vulcan and Federation Standard English. Elements of this may be slightly altered to customize the exchange depending on the type(s) of emotion(s) that lead to the training. Successful conclusion of this training leads, in nearly all cases, to being welcomed back into one's family and regaining one's seat in school.

**Traditional Golic:**

Master: Va'Vuhnaya --
Student: s'Va'Terishlar.
Student: Nash-veh odu itaren.
Student: Nash-veh itar-bosh. Sochya eh dif.
Master: Dif-tor heh smusma.

**Federation Standard:**

Master: Infinite diversity . . .
Student: In infinite combinations.
Master: Your training is now complete. You have done well.
Student: Thank you.
Master: You are now prepared to return to the world. Grief, anger, fear and, especially, love will never threaten you again.
Student: I am grateful. Peace and long life . . .
Master: Live long and prosper.

**Vok-Van-Kal**  
**Memorial Service**

A brief memorial service or ceremony is held soon after the death of a Vulcan. It is usually presided over by a Vulcan Master, if not a High Master, and attended by the immediate family, clan members, friends, colleagues, and any other interested parties. For an important person, the ceremony may be held at Mount Seleya itself, but the services of most ordinary Vulcans are held at their clan ceremonial grounds. The body is not present at the ceremony, having already been buried or cremated.

Below you will find an example of the typically brief Vulcan memorial service in both Traditional Golic Vulcan and Federation Standard English. For our purposes, we will call the recently departed "Suvak" and his wife, "T'Lisu".

**Traditional Golic:**

Master: Dor-tor etek nash-gad vokaya t'Suvak - sa-fu t'Sumuk Nam-tor ek'etek nelauk k'tevakh hi vesht tvidonik k'la'es t'o'ish-veh. | pl'sivzh |
Dor-tor etek nash-gad o'ish-veh -- doran sa-telsu - doran sa-mekh - doran sa-kai - doran ek'talsu. Noshau ha'kiv t'o'ish-veh wuhkuh
t’dan-fudaya eh t’dan-vam
| kuv wi ha’an ko-telsu t’Suvak - i’stariben ish-veh t’sha’sa-telsu -
zahalan k’kanlar s’keshtan-zek - kuv aitlu fan-vel hau |
T’Lisu: P’maat heh t’hai’lu -- sochya eh dif.
Master (k’eku la): Dif-tor heh smusma.

**Federation Standard:**

Master: Today we honor the memory of Suvak, son of Sumuk.
We are all diminished by his death but we were enriched by his presence.
(a brief pause)
Today we honor him: We honor the husband, the father, the brother, the
scientist. His life is one to be held in the highest regard and esteem.
(If Suvak’s wife is still living, she will now speak about her husband, followed
by their children in birth order, if they wish to add anything.)
T’Lisu: My family and friends . . . peace and long life.
Master (on behalf of all present): Live long and prosper.
Vulcan Foods and Dishes
Yem-tukh heh Yem-tevlar T’Khasi

INTRODUCTION
Ragtaya

Although the vast majority of contemporary Vulcans are vegetarians by choice, Vulcans were omnivorous for most of the time prior to the time of Surak. The only Vulcans that eat meat nowadays are certain outcasts, a very small cultural sub-group in the southern hemisphere of Vulcan and some inhabitants of distant Vulcan colonies. The Romulans, descended from Vulcan exiles, also are omnivorous. Most Vulcans will eat meat in situations where not to do so would be a cultural insult in "alien" surroundings and, of course, in survival situations where whatever food is available must be eaten. They find these situations logical, though distasteful. Some contemporary Vulcans will eat replicated meat, as they consider it only patterned after real meat, and not the actual flesh of a creature, whereas many Vulcans will eat no meat real or replicated. An extremely small minority group of Vulcans is so militantly vegetarian, that they would rather die than eat the flesh of another living thing. A few members of this very small faction have even been known to commit terroristic acts against producers and suppliers of meat for consumption.

EXAMPLES OF VULCAN FOOD
Li-fallar t’Yem-tukh T’Khasi

Adronn feltara
B'ilttar
K’torr (c'torr)
Filrak
Farr-kahli
Fori (a type of vegetable)
Hirat (a grape-like fruit)
Ihntya
Kahri-torrafeyaka (kahri-torrafeiaca)
Kasa (a type of fruit)
Kheh (a type of grain)
Klitanta s’mun t’forati (kleetanta with forati sauce)
Kreila ("kreyla", a flat bread-like food)
L'ersa (l-ersa)
Mashya (a tuberous vegetable)
Miya-zed (mia-zed)
Pla-savas ("blue fruit", a sweet blue to black-colored fruit)
Plomik ("plomeek", a type of vegetable)
Sash-savas ("acid fruit", a strong, citrus-like oblong fruit)
Shur t’bertakk (bertakk soup)
Shur t’plomik (plomeek soup)
T’koraka (t’coraca)
Theris-masu (an herbal tea)
Yon-savas ("fire fruit", a strongly flavored yellow to red-colored fruit)
Vulcan Leisure-Time Activities
( Including Sports and Games )

El-Wak-Toranlar Vuhlanksu
| k'Vinam t'Tovukhlar heh t'Zhagralar |

(This is not a comprehensive guide and is meant only as an introduction to the terminology used in these activities.)

Arts, Crafts & Hobbies

Bahan -- gardening
Bestan -- drawing
Buhn-tershaun -- coin collecting
Dun-zhukan -- paper-making
Dunapshaun -- book-binding
Fasan -- cooking
Fereikan -- inventing
Ha'gel-tanaf -- photography
Halovaun -- traveling
Hashan -- flying
Hishan -- printing
Kastik-sokasitaun -- plant cultivation
Kitaun -- writing
Kla-hilan -- researching
Kohlan -- meditating
Kov-skriman -- stonecarving
Krasan -- painting
Lapan-skriman -- woodcarving
Leipaun -- baking
Lubestan -- sketching
Mahalan -- swimming
Makh-saluran -- glass-blowing
Makh-zhukan -- glass-making
Masu-halovaun -- sailing
Mavaun -- playing
Men-hilan -- investigating
Ogan -- sewing
Peran -- acting
Ralash-tanaf -- music
Sna-lok-zhukan -- mosaic-working
Svai-zehluan -- floral arranging
Taman -- dancing
Tanaf -- art
Telvan -- reading
Uralaun -- singing
Children’s Games

Dap-lan-pa -- similar to "mercy" or "uncle" (anc.)
Fon-ta-nei -- similar to "blindman's buff" (anc.)
Kai ros -- similar to "hopscotch" (anc.)
Le-mayeh Sehlak -- similar to "cowboys & indians" or "cops & robbers"
Mesya -- similar to "tag"
Narat do-toh -- similar to "hide & seek" (anc.)
Shau-zehl -- "break-line", a game similar to "red rover"
Val -- "chip", a playing piece in Vallar heh Keh-vlalar
Vallar heh Keh-vlalar -- "chips & squares", a game similar to "checkers"

Strategy Games

Kovlar -- "Stones", a game similar to Japanese "Go"
Mav dohn -- game board
Nesh-kur heh Yon-kur -- "black & red", a game similar to "backgammon"
Reh-vla -- "triangle", a three-person board game of strategy

Games of Logic

Fu -- ancient logic puzzle that originally used the shells of a snail-like animal
Kal toh -- a Vulcan logic puzzle (anc.)
T’an -- rod used in kal toh puzzle (anc.)

Game of Chess

Ask’ersu -- "soldier", the pawn
Dah-retuka-tches -- two-dimensional chess
Dvun -- move
Kenelsu -- "kenel-rider", the knight
Klomak -- "fortress", the rook
Ko-te’kru -- the queen
Kum-tor -- to capture another’s piece
Mav dohn -- game board
Nan -- "threat", check
Pash -- "trap", checkmate
Reh-retuka-tches -- three-dimensional chess
Sa-te’kru -- the king
Skaf -- platform
Tches -- "chess" (word "Vulkanized" from the Terran word for the game)
Vaisu -- "holy man", the bishop
Vitaya -- "stasis", stalemate

Solo Sports

Izh-haltan -- skiing
Kov-manan -- rock-climbing, mountain-climbing
Sahran -- running

**One-on-one sports**

Ozh-dukal-pukan -- boxing  
Vo'ek-pukan -- wrestling  
Vish-peh-nath -- ancient sport similar to "sumo wrestling"  
Wehk-pukan -- martial arts

**Team Sports**

Ash'ya-dukal -- soccer  
Ki'ha-f-dukal -- basketball  
Nen-dukal -- baseball
Professions & Trades
Ha-Yigallar heh Tingallar

Below is a sampling of the many professions and trades available to contemporary Vulcans. Despite living in an age with replicator technology, many Vulcans have chosen to continue the traditional professions of their ancestors.

Miscellaneous

Bahsu -- gardener
Dun-zhuku -- paper-maker
Dunapshausu -- book-binder
Fassu -- cook
Fereiksus -- inventor
Ha’gel-tanafusu -- photographer
Hashsu -- pilot
Hishsu -- printer
Kastik-sokasitausu -- plant cultivator
Kitausu -- writer
Kla-hilsu -- researcher
Kov-skrimsu -- stonecarver
Krassu -- painter
Lapan-skrimsu -- woodcarver
Leipausu -- baker
Makh-salursu -- glass-blower
Makh-zhuksu -- glass-maker
Men-hilsu -- investigator
Ogsu -- seamster, seamstress
Per-ithop -- actor, actress
Ralah-tanafusu -- musician
Sna-lok-zhuksu -- mosaic-worker
Svai-zehlauusu -- floral arranger
Svai-zhuksu -- florist
Tamsu -- dancer
Tanafusu -- artist
Uralausu -- singer

Military Positions

Ask’ersus -- soldier
Dah-gol’nevsu -- yeoman, 2nd Class
Dah-traveksu -- master sergeant (land forces), 2nd Class P.O. (naval/Starfleet)
Feihan -- chief petty officer
Fosh-lan -- first lieutenant (land forces), lieutenant(jg) (naval/Starfleet)
Halitra-lan -- admiral
Kahr-lan -- general
Khart-lan -- captain (naval/Starfleet)
Masusu -- sailor/seaman
Ne-lan -- cadet
Neksu -- corporal
Nensu -- crewman
Ni'k'el-lan -- rear admiral
Ot-lan -- captain (land forces), lieutenant (naval/Starfleet)
Reh-gol'nesu -- yeoman, 1st Class
Reh-travelksu -- sergeant major (land forces), 1st Class P.O. (naval/Starfleet)
Shal-lan -- colonel
Shaltra-lan -- vice admiral
Tra-lan -- major (land forces), lieutenant commander (naval/Starfleet)
Travek-lan -- commodore
Ulef-lan -- warrant officer
Wuh-gol'nesu -- yeoman, 3rd Class
Wuh-lan -- second lieutenant (land forces), ensign (naval/Starfleet)
Wuh-travelksu -- sergeant (land forces), 3rd Class P.O. (naval/Starfleet)
Zhel-lan -- lieutenant colonel (land forces), commander (naval/Starfleet)

Medical Positions

Gisam-talsu -- toxicologist
Gnal-talsu -- oncologist
Ha-meil-talsu -- biochemist
Ha-tor-talsu -- biophysicist
Has-sak-talsu -- epidemiologist
Has-talsu -- pathologist
Hasaretu -- pharmacist
Hinek-talsu -- osteologist
Is-lof-talsu -- physiologist
Kapol-rafek-talsu -- nephrologist
Khan-nesu -- anesthesiologist
Kashkau-talsu -- psychiatrist
Khaf-spolsu -- cardiologist
Khaf-talsu -- hematologist
Kloshai-talsu -- psychologist
Luk-talsu -- mycologist
Nala-talsu -- cytologist
Nehasamek-talsu -- hepatologist
Numo-ha-talsu -- microbiologist
Numo-kelek-talsu -- histologist
Pekh-vat-talsu -- proctologist
Ralah-talsu -- audiologist
Shakhu-talsu -- geriatricist
Shakhuvaya-talsu -- gerontologist
Skaun-ek'ur-talsu -- gastroenterologist
Tash-noshtu-talsu -- eugenicist
Tevanu-talsu -- coroner
Tevikehsu -- mortician
Tol-talsu -- geneticist
Uzh-keshtusu -- neonatologist
Vazh-ek'ur-talsu -- urologist
Vukhut-dvun-talsu -- kinesiologist
Vukhut-mevsu -- angiologist
Vukhut-talsu -- anatomist
Wadi-talsu -- dermatologist
Scientific Positions

Aikum-talsu -- selenologist
Akan-ha-talsu -- xenobiologist
Aushfa-talsu -- zoologist
Ek'nosh-talsu -- climatologist
Ek'tukh-talsu -- mineralogist
Galu-tor-talsu -- nuclear physicist
Gen-lis-talsu -- linguist
Ha-meil-talsu -- biochemist
Ha-talsu -- biologist
Ha-tin-talsu -- biostratigrapher
Ha-tor-talsu -- biophysicist
Igen-va-talsu -- meteorologist
Kastik-talsu -- botanist
Komin-su-talsu -- anthropologist
Kov-meil-talsu -- petrochemist
Kov-talsu -- petrologist
Lap-kuv-talsu -- dendrochronologist
Le-suma-talsu -- glaciologist
Malat-talsu -- ecologist
Masu-dvun-talsu -- hydrodynamicist
Masu-mish-talsu -- hydrologic engineer
Masu-talsu -- hydrologist
Masutra-ha-talsu -- marine biologist
Masutra-mish-talsu -- oceanologist
Masutra-talsu -- oceanographer
Meil-talsu -- chemist
Ne'arak-masu-talsu -- geohydrologist
Numo-ha-talsu -- microbiologist
Ravot-talsu -- entomologist
S'udish-ha-talsu -- exobiologist
S'udish-solektra-talsu -- astrogeologist
Shila-talsu -- sociologist
Slor-masu-talsu -- limnologist
Solek-talsu -- pedologist
Solektra-hutaya-talsu -- seismologist
Solektra-meil-talsu -- geochemist
Solektra-shid-talsu -- geomorphologist
Solektra-talsu -- geologist
Solektra-tor-talsu -- geophysicist
Sov-masu-talsu -- hydrometeorologist
Stukh-talsu -- astrophysicist
Stukhra-talsu -- cosmologist
Tauk-talsu -- speleologist
Tol-talsu -- geneticist
Tor-talsu -- physicist
Ukraku-talsu -- herpetologist
Urozh-solek-talsu -- agronomist
Vath-ek'tra-talsu -- planetologist
Vesht-aushfa-talsu -- paleozoologist
Vesht-ek'nosh-talsu -- paleoclimatologist
Vesht-ha-talsu -- paleontologist
Vesht-kastik-talsu -- paleobotanist
Vesht-komihnsu-talsu -- paleoanthropologist
Veshtsu-talsu -- archaeologist
Yel-talsu -- astronomer
Zhit-vesht-talsu -- etymologist
Zul-kunel-talsu -- vulcanologist
A History of the Planet Vulcan

Vesht-var t’Ek’tra T’Khasi

The history of the planet Vulcan has been a great mystery to many beings both in and outside of the United Federation of Planets (UFP). Vulcans tend to be a very private people and only reveal that which is necessary. This secrecy about their past and some of their customs is protected under the terms of their membership in the Federation. Much of the known history of the Vulcan home planet is sketchy or even contradictory. Even the name of their planet has caused confusion. The real name of their planet was not revealed at first contact with Earth and was unknown for many years early in the UFP. Due to the pronunciation of a term that the first Vulcans used to refer to themselves, humans after first contact called the Vulcans "Voolcanu" and therefore inferred the name of their homeland to be "Voolcan". After the formation of the UFP, Vulcans became known as "Vulcanians" and their planet was called "Vulcanis". In time, the shared term "Vulcan" for the people and their planet came into popular use and it continues to this day. Modern Vulcans call themselves "Vuhikanu" or "Vuhikansular", and the official name for their planet is T’Khasi, a very ancient word. Below we will attempt to fill in some knowledge gaps and present a condensed history of the planet T’Khasi. In this essay, we will use the word "Vulcan" for their planet because of its widespread familiarity.

The planet Vulcan is located in the same spiral arm of the Milky Way as the Earth. The Vulcan's solar system is currently comprised of three planets, the largest of which is their homeland. Many centuries ago, Vulcan had several small iron-nickel moons. At an early stage in Vulcan spaceflight, these moons were mined as a source of ore, since the planet itself was poor in ferrous materials. The lack of moons is more than compensated by Vulcan's sister planet, T’Khet. Vulcan (T’Khasi) and T’Khet are unique in that they revolve around a common point in the same orbit. T’Khet dominates the sky and its closeness causes gravitational stress on the planet Vulcan. This is a major factor in planetary tectonic activity and maintains active vulcanism.

Vulcan is somewhat older than the Earth, geologically speaking. Scientists have estimated that Vulcan is nearly five hundred million years older. The planet itself evolved quicker than Earth because of the effects in its system. The Vulcans' planet is larger than Earth. The gravity is noticeably higher. There is little seasonal variation on the planet Vulcan due to an almost circular orbit around its hot sun and the very slight tilt on its axis. Vulcan orbits its sun at about the same distance as Mars in the Sol system.

Like all planets so far discovered that gave birth to carbon-based life, Vulcan had a watery past. The oceans of the planet probably covered a substantial part of the surface at their maximum, although it is unknown to what extent because vulcanism on Vulcan has obliterated most traces of an oceanic past. The evolutionary cycle followed most of the same steps as on Earth. As on most planets with reptilian or mammalian dominant lifeforms, Vulcan had an Age of Great Reptiles. These creatures were similar to the dinosaurs of Earth or the ancestors of the Gorns. Vulcan never did have such a great variety of species because of severity of climate. Because of vulcanism and severe geological upheavals, the fossil record on Vulcan is very thin. There are often only single specimens of an extinct species. The fossil record on Earth is hundreds of times richer. Conditions were always tough and all lifeforms on Vulcan had to be strong and adaptable. During the Oceanic Era there appear to have been four main continental regions. The evidence of this can be seen in the massive high plateau regions that remain to this day.

The Great Reptiles died out during a period of intense solar flares in the distant past and smaller animals took over. Again, there was never a great variety of creatures. The earliest identified ancestor of the Vulcans was a creature called the "cat-ape" by some Federation paleontologists. Modern Vulcans still possess some qualities of a quasi-feline predator past; many have noticed the strength, reflexes and fluid movement. Vulcan physiology and psychology is covered in the essays of others. There had long been some conjecture that Vulcan ancestors may have been seeded on Vulcan by one of the ancient great "Preserver" races of the
galaxy. Possible proof of this lies with the existence of a number of other vulcanoid races, including the Rigellians. The Romulans were determined years ago to have been descendants of emigrants from Vulcan thought lost in space centuries before. The argument for seeding is weakened, though, by the fact that Vulcans are genetically related to the biological life of their planet. More and more Federation scientists believe now that Vulcan may have been the prehistoric origin of vulcanoid life seeded elsewhere.

Early vulcanoid life evolved on the vast grasslands that once covered the low plains of the planet. By the time of the rise of true intelligence in these Vulcan ancestors, no true forests or jungles still existed. Only in prehistoric times did large plant-forms thrive. Because of their evolution in a savannah environment, the Vulcan ears and eyes developed into quite sensitive instruments to facilitate hunting and survival in tall grasses. Prehistoric Vulcans mostly kept away from the mountainous, volcanic areas of their planet, due to the dangerous conditions caused by continual eruptions.

The Vulcans learned to use fire at an early stage. This is no real surprise on a volcanic planet. The people were constantly exposed to fire and lava. Violent electrical storms also started huge range fires in the grasslands. The planet itself was very rich in many minerals and metals. The Stone Age of Vulcan was relatively short. Metal tools and weapons came about quite soon because of easy access to high-grade ores. Unfortunately, usable iron ore was quite rare and there was never a prehistoric Iron Age. Wars over territory containing iron ore were continuous. Copper is very common on Vulcan, though. The blood chemistry of Vulcan life is based on copper, not iron, hence the green blood that is so famous. A similar thing happened with the Andorians and their cobalt-based blood chemistry. Thus, copper was the basis of Vulcan metallurgy. Also, because of the lack of wood as a building material, dwellings were made of sod or stone. The abundant grasses were used as thatch for roofing.

In historical times, there were no longer any large land animals like elephants or giraffes on Vulcan. Large herds of smaller grazing animals were domesticated, though. Some animals became pets and beasts of burden, while others were eaten. Simple agriculture developed early, but the conditions supported nomadic life much better.

Although there is very little speciation on Vulcan, there are two races of Vulcans -- a light-skinned race that dominated the Northern Hemisphere in prehistoric times and a dark-skinned race from the Southern Hemisphere. Most Vulcans have black hair, which greys with age, but some Vulcans have a recessive gene for a reddish-colored hair. In some rural areas, this reddish hair is common. Though there were often bloody struggles over territory, Vulcan has not been burdened with racial prejudices in historical times. Vulcans often find it very difficult to understand the problems Earth and other worlds have had because of different races.

By the earliest historical times, the oceans had shrunk into a few small seas and large salt lakes. This also prevented the continental isolation due to large oceans that happened on Earth. Although there were hundreds of different dialects in early times, the number of languages quickly declined as military conquests consolidated vast territories of the planet. One of the largest language groups originated on the Plains of Gol and is somewhat analogous to the Indo-European root language on Earth. One of the popular terms for this language is Ancient Golic Vulcan, although it is unknown what the speakers called it. Only scraps of it remain, mostly on the ancient pictographic inscriptions found throughout the Gol region. A standard language for ceremonial, religious and literary purposes is directly descended from Ancient Golic Vulcan and has survived for thousands of years. Usually called "Old High Vulcan" by non-Vulcans, it is called Traditional Golic Vulcan by the Vulcans themselves. This is the language of Surak and the Masters of Gol. The ordinary people of the Gol region and its surroundings speak what is called "Modern Golic Vulcan". Several other important languages exist, including the official "Modern Vulcan" used by today's Vulcans for most communications needs. Its history is unclear and it has been suggested that it was an invented language, developed many centuries ago after Vulcan was united. It may have been considered inappropriate to use Traditional Golic Vulcan for this purpose. Other etymologists consider this "Modern Vulcan" to be a descendant of the same root language that gave rise to Romulan. Few off-worlders speak any of the Vulcan languages, some of which are considered complicated or hard to pronounce.
As civilization developed, fortified urban centers spread across the face of Vulcan. Unfortunately, due to the drying up of the climate, resources were always limited. Most of the Vulcans at this time remained nomadic, somewhat like the tribes of the Sahara desert on Earth several hundred years ago. Wars for water, natural resources and territory were common. The now common desert conditions slowed the development of Vulcan civilization and a long stagnant period began. The hot, dry conditions caused the Vulcans to become strong and ruthless to survive. The Vulcans had always been merciless and fierce warriors, and raids on neighboring lands were common. Early forms of trade, though, still existed. No one government or philosophy ever dominated the planet until the time of Surak. The length of time of pre-Surak civilization is certainly in the hundreds of thousands of years. This is much longer than the corresponding period on Earth or most other major planets. Archeologists are still digging for information.

Industrialization on Vulcan happened practically overnight as a result of the military need for improved weapons. Where on Earth it took about 200 years to go from steam engines to common spaceflight, it took the Vulcans approximately 50 years. The people of Vulcan quickly explored their solar system, mining the moons and asteroids, and colonized their sister planet. Vulcan at this time was somewhat like the early 21st Century of Earth. Because of their inner violent natures, though, there occurred a long period of horrific planetary wars, including nuclear and biological weapons. The population of Vulcan dropped rapidly. The Vulcans were near the edge of extinction due to unchecked warfare. Without a change, the planet would become lifeless. Earth at this time was just beginning the Bronze Age.

Through most of Vulcan's history the people had lived in matriarchal societies. The women were political leaders, teachers, administrators and religious leaders. The women arranged marriages and controlled the numbers of children born. More males were born than females. Because of the limited number of females, there was often a bonding challenge and males fought for the right to mate. By fighting to the death, only the strong and cunning lived to have children -- survival of the fittest at its most serious. This was the beginning of genetic planning. The clan matriarchs oversaw most facets of life. Male Vulcans did rise to very high positions of authority, but this was rare. The males were usually the hunters, the laborers, the priests and the soldiers. Young males that showed high intelligence, though, were always separated from normal males and given special education not available to most males. These Vulcan males became scientists and inventors, as well as philosophers and poets.

**Surak**

One of these special Vulcan males was named Surak. He is considered the most outstanding Vulcan ever born. He was the turning point in Vulcan's history. The intelligent and inquisitive boy was enrolled in one of the highest ranking schools. He mastered everything he studied. As an adult he saw the violent, emotional conditions on his planet, and turned his back on the family business to study with the masters at Gol. He began developing the philosophy that would totally revolutionize Vulcan. Many stories are told about Surak's deeds. Many of them are apocryphal. Surak is truly larger than life to many Vulcans. Unfortunately, the Vulcans have kept much of Surak's "true" life a secret and until they open up certain sealed documents to off-world beings, only that which they wish us to know will be known.

Surak quietly began to convert those around him to his philosophy of logic and control of emotions. He developed rigorous disciplines. As more and more Vulcans accepted his way, the situation on Vulcan began to change. People discarded their weapons and destructive emotions. One myth is that the Vulcan discards all emotions. This is not true. The emotions remain but under tight control. The key is controlling external display of these emotions. As in all revolutions, groups of Vulcans rose up against Surak's changes. There were many attempts on Surak's life and ultimately he lost his life on a peace mission. Much of the history of this time is a mystery. The point is that Surak, against all odds, succeeded in saving the Vulcan race from its path of self-destruction and forever changed Vulcan society. It is now known that a large group of those who opposed Surak gathered a fleet of spaceships and left Vulcan to find a world of their own. These pilgrims were all thought to have perished while attempting this journey. But some did survive and the Romulans are living proof of this. The Romulans are a living reminder (and embarrassment) of the way many Vulcans were
before Surak.

The exact length of time between Surak and the first contact between Earth and Vulcan is unknown. The Vulcans, embarrassed about their violent, emotional past, have kept a lot of this information secret. Some people actually think that the Vulcans themselves don’t know the details and don’t want us to be aware of their lost history. This is unusual, since many other races freely admit their violent pasts and lost knowledge due to great wars or great catastrophes. What is known is that the Vulcan race was preserved by logic and control of emotions, even though that did cause a certain amount of stagnation in Vulcan society. Vulcans have changed little over the past two millennia, although their science has advanced quite a bit. Membership in the United Federation of Planets has had little effect on the day-to-day life of the matriarchal, ethnocentric Vulcans. They still go through Kolinahr and Kun-ut Kali-fi, Kahs-wan and Ka-nifur, bonding as children and pon farr every seven years of adult life. The history of the Vulcans is very complex and very interesting. Every year we learn a little more about our enigmatic, intelligent friends. Maybe one of you will unlock some of the mysteries. Until that time . . .

Dif-tor heh smusma.. (Live long and prosper!)

Suggested readings:

"Vulcans I Have Met" by James T. Kirk, Admiral, Starfleet, United Federation of Planets Press, San Francisco, Earth

"Life Among the Vulcans" by Amanda Grayson, wife of Sarek, Vulcan Academy of Sciences, Shi’Kahr, Vulcan


"Psthan na’Olozhika," by Sarek, Vulcan Ambassador to the U.F.P., Vulcan Psychology Monthly, Shi’Kahr, Vulcan


Sciences

Main Science Page
Nen-Thalu t’Ek-Tal

INTRODUCTION
Ragtaya
As is well-known throughout the Federation, the Vulcans are especially known for their excellence in the sciences and medicine. Vulcans serve throughout Starfleet most prominently as science officers, engineers and medical doctors, although intelligence analysts and security specialists are becoming common as well. A number of Starfleet science vessels are completely manned by Vulcans. As with most advanced races, the Vulcans have a huge vocabulary of specialized terms for use in the sciences and technical fields. Below you will find a large introduction to a wide range of scientific words and terminology. See also our other science pages.

FIELDS OF STUDY
Vunailar t’Orenaya
In nearly all cases, it is easy to determine the Golic Vulcan name for a discipline or field of study in most of the scientific, technical and medical disciplines. In contemporary usage, all of these terms are formed from a descriptive root with "-tal" (meaning "study" or "-ology") suffixed. Here is a selection of examples:

Aerology -- Sov-tal ("air-study")
Aerodynamics -- Sov-dvun-tal ("air-motion-study")
Aeronautics -- Hash-tal ("flight-study")
Agronomy -- Urozh-solek-tal
Algology -- Smol-tal ("algae(e)-study")
Anatomy -- Vukhut-tal
Anesthesiology -- Kashan-ne-tal
Angiology -- Vukhut-mev-tal ("body-vessel-study")
Anthropology -- Kominsu-tal ("human-study")
Archeology -- Veshtsu-tal ("past-person-study")
Astrogeology -- S’udish-solektra-tal ("outside-land-study")
Astronomy -- Yel-tal ("star-study")
Astrophysics -- Stukh-tal ("space-study")
Audiology -- Ralash-tal
Biochemistry -- Ha-meil-tal ("life-chemical-study")
Biology -- Ha-tal
Biophysics -- Ha-tor-tal
Biostratigraphy -- Ha-tin-tal
Botany -- Kastik-tal
Cardiology -- Khaf-spol-tal
Chemistry -- Meil-tal
Climatology -- Ek’nosh-tal
Cosmology -- Stukhtra-tal ("universe-study")
Cytology -- Nala-tal ("cell-study")
Dendrochronology -- Lap-kuv-tal ("tree-ring-study")
Dermatology -- Wadi-tal
Ecology -- Malat-tal ("nature-study")
Epidemiology -- Has-sak-tal
Ergonomics -- Zup-dvun-tal ("labor-motion-study")
Etymology -- Zhit-vesht-tal ("word-past-study")
Eugenics -- Tash-noshtra-tal ("control-characteristic-study")
Exobiology -- S’dish-ha-tal ("outside-life-study")
Gastroenterology -- Skau-ek’ur-tal
Genetics -- Tol-tal
Geochemistry -- Solektra-meil-tal ("land-chemical-study")
Geohydrology -- Ne’rak-masu-tal ("beneath-water-study")
Geology -- Solektra-tal
Geomorphology -- Solektra-shid-tal ("land-form-study")
Geophysics -- Solektra-tor-tal ("land-doing-study")
Geriatrics -- Shakh-u-tal ("elderly-study")
Gerontology -- Shakhuvaya-tal ("aging-study")
Glaciology -- Le-suma-tal ("ice-study")
Hematology -- Khaf-tal ("blood-study")
Hepatology -- Nehasamek-tal ("liver-study")
Herpetology -- Ukraluk-tal ("reptile-study")
Histochimistry -- Numo-kelek-tal t’ala eh nalastra
Histology -- Numo-kelek-tal ("microscopic-structure-study")
Hydraulics -- Masu-mish-tal ("water (ie. fluid)-engineering")
Hydrodynamics -- Masu-dvun-tal ("water-motion-study")
Hydrology -- Masu-tal
Hydrometeorology -- Sov-masu-ta ("sky-water-study")
Hydrostatics -- Masu-shom-tal ("water-rest-study")
Kinesiology -- Vukhut-dvun-tal ("body-motion-study")
Limnology -- Slor-masu-tal ("freshwater-study")
Linguistics -- Gen-is-tal
Marine biology -- Masutra-ha-tal
Meteorology -- Igen-va-tal
Microbiology -- Numo-ha-tal
Mineralogy -- Ek’tukh-tal
Mycology -- Luk-tal ("fungus-study")
Neonatology -- Uzh-keshtu-tal ("newborn-study")
Nephrology -- Kapol-nafek-tal ("kidney-study")
Oceanography -- Masutra-tal
Oceanology -- Masutra-mish-tal ("ocean-engineering")
Oncology -- Gnal-tal ("tumor-study")
Osteology -- Hinek-tal ("bone-study")
Nuclear physics -- Galu-tor-tal ("atom-doing-study")
Paleoanthropology -- Vesht-komihsu-tal
Paleobotany -- Vesht-kastik-tal
Paleoclimatology -- Vesht-ek’nosh-tal
Paleoecology -- Vesht-malat-tal
Paleography -- Vesht-kitau-tal ("past-writing-study")
Paleontology -- Vesht-ha-tal ("past-life-study")
Paleozoology -- Vesht-aushfa-tal
Palynology -- Tal t’kas-sa-nei ("study of-pollen")
Pathology -- Has-tal ("disease-study")
Pedology -- Solek-tal ("soil-study")
Petrochemistry -- Kov-meil-tal ("rock-chemical-study")
Petrology -- Kov-tal ("rock-study")
Pharmacology -- Haseret-tal ("medication-study")
Physics -- Tor-tal ("doing-study")
Physiology -- Is-lof-tal ("function-study")
Phytogeography -- Kastik-sagan-tal ("plant-distribution-study")
Phytopathology -- Kastik-has-tal ("plant-disease-study")
Phytosociology -- Kastik-shila-tal
Planetology -- Vath-ek'tra-tal ("other-planet-study")
Praxeology -- Su-torai-tal ("people-action-study")
Proctology -- Pekh-mev-tal
Psychiatry -- Kashkau-tal ("mind-study")
Psychology -- Kloshai-tal ("behavior-study")
Seismology -- Solektra-hutaya-tal
Selenology -- Aikum-tal ("moon-study")
Sociology -- Shila-tal ("community-study")
Speleology -- Tauk-tal ("cave-study")
Syneceology -- Su-malat-tal ("people-nature-study")
Tectonics -- Solektra-dvun-tal ("land-motion-study")
Toxicology -- Gisam-tal ("poison-study")
Urology -- Vazh-ek'ur-tal
Vulcanology -- Zul-kunel-tal ("volcano-study")
Vulcantoology -- Vuhkansu-tal ("vulcan(s)-study")
Xenobiology -- Akan-ha-tal ("alien-life-study")
Zoology -- Aushfa-tal

ASTRONOMY & ASTrophysics

Yel-tal heh Stukh-tal

Because they live in a very dynamic planetary system and achieved spaceflight at an early stage, the Vulcans have an extensive knowledge of astronomy and astrophysics. They have greatly added to the UFP's knowledge of the universe and planetary systems.

Some examples of Golic Vulcan vocabulary in these fields:

Accretion disk -- fito'ov-mathra
Albedo -- ha'gel-haulan-tavat
Aphelion -- yel-irak-sfek
Apogee -- irak-sfek
Asteroid -- pi'ek'tra
Astronomer -- yel-talsu
Astrophysicist -- stukh-talsu
Atmosphere -- igen-tukh
Azimuth -- ir-zehl-kes
Binary star -- dah-yel
Bolide -- thorsha-wesh-kov
Comet -- zehl-yel
Constellation -- yel-nel-dath
Corona -- pau
Cosmic dust -- stukh-grazhiv
Cosmic ray -- stukh-ha'zehl
Crater, Impact -- kwul-razh
Dark matter -- mu'gel-tukh
Earth -- Terra
Eclipse -- ek'duv
Galaxy -- yel-halek
Globe -- ek'tra-dukal
Globular cluster -- dukal-yel-travek
Horizon -- ir-zehl
Lunar regolith -- aikum-solek
Magnetic field -- vnai t'mokey-seshan
Meteor -- wesh-kov
Meteor shower -- wesh-kov-tevan
Meteorite -- igen-kov
Moon -- aikum
Nebula -- stuhk-wan
Nova -- thorsha-yel
Observatory -- shi'igen-glantaya
Open cluster -- tu'a-yel-travek
Orbit -- pa-yut
Outgassing -- s'pataya
Penumbra -- pi'duv
Perigee -- be-sfek
Perihelion -- yel-be-sfek
Planet -- ek'tra
Planetarium -- shi'yel-gluvekh
Pulsar -- spol-yel
Satellite, Artificial -- torv-aikum
Satellite, Natural -- malat-aikum
Solar flare -- yel-pohshaya
Solar prominence -- yel-spohshan
Solar system -- yel-pi'maat
Space, Outer -- stuhk
Star -- yel
Stellar cartography -- besaya t'yellar
Supernova -- khrash-yel
Sun -- yel
Sunspot -- yel-ulidar
Telescope -- irak-zan-vel
Umbra -- duv
Vulcan -- T'Khasi
World -- ek'tra
Wormhole -- stuhk-wak-mev
Zenith -- shi'dan-abru

CHEMISTRY & PHYSICS
Meil-tal heh Tor-tal

In the time before Surak, the names for elements and chemicals had no regularity in Golic Vulcan. Later, scientists, taking a lead from the teachings of Surak and his successors, decided to completely revamp the way chemistry handled its specialized language. All elements on the periodic chart now end with the suffix "-tukh", meaning "material" or "substance", and the root word is almost always descriptive of the appearance or property of the element. Examples are masu-tukh (lit. water-stuff) for hydrogen, since hydrogen makes up 2/3 of the basic water molecule; and ras-tukh (lit. heavy-stuff) for lead because of its obvious density. In OHV scientific usage, the name of "chemical modifiers" (oxide or chloride, for example) are derived from the major element name by dropping the "-tukh" and directly suffixing "u".

The way the Vulcans write the names for chemical compounds is often considered much clearer and less ambiguous than the way they are written in FSE. It is usually possible to derive the chemical formula from the chemical name, whereas this is not the case in FSE. In most cases, Golic Vulcan chemical names contain numbers showing the atomic structure of a molecule, making learning chemical structure somewhat easier for Vulcans. Chemical names follow a pattern similar to obsolete chemical compound name usage in Earth.
languages, such as "Sulfate of Lead" or "Chloride of Sodium". This rule follows for nearly all compounds, but one exception is with chemicals like acids, where simple acid names can be suffixed "-sash", whereas more complicated names follow the above form.

The following are some miscellaneous chemical names:

Arsenic trioxide -- reh-eshu t'dah-gis-tukh (lit. trioxide of di-arsenic)
Arsenic trisulfide -- reh-vla'u t'dah-gis-tukh (lit. trisulfide of di-arsenic)
Barium sulfate -- vlau-keh-eshu t'zon-tukh (sulfate of barium)
Cadmium sulfide -- vla'u'u t'stal-tukh (lit. sulfide of cadmium)
Calcium chloride -- lafu thinek-tukh (lit. chloride of calcium)
Carbon dioxide -- dah-eshu t'nol-tukh (lit. dioxide of carbon)
Carbon disulfide -- dah-vla'u t'nol-tukh (lit. disulfide of carbon)
Carbon monoxide -- eshu t'nol-tukh (lit. oxide of carbon)
Carbon tetrachloride -- keh-lafu t'nol-tukh (lit. tetrachloride of carbon)
Cobalt chloride -- dah-lafu t'pla-tukh (lit. dichloride of cobalt)
Copper sulfate -- vlau-keh-eshu t'khaf-tukh (lit. sulfate of copper)
Cuprite (copper ore) -- eshu t'dah-khaf-tukh (lit. oxide of di-copper)
Ferric oxide -- reh-eshu t'dah-shek-tukh (lit. trioxide of di-iron)
Hydrogen peroxide -- dah-eshu t'dah-masu-tukh (lit. dioxide of dihydrogen)
Hydrogen sulfide -- vla'u'u t'dah-masu-tukh (lit. sulfide of dihydrogen)
Magnesium oxide -- eshu t'wal-tukh (lit. oxide of magnesium)
Magnesium sulfate -- vlau-keh-eshu t'wal-tukh (lit. sulfate of magnesium)
Nitric oxide -- eshu t'sov-tukh (lit. oxide of nitrogen)
Potassium chlorate -- lafu t'spoh-tukh (lit. chlorate of potassium)
Potassium nitrate -- sov-reh-eshu t'spoh-tukh (lit. nitrate of potassium)
Potassium sulfate -- vlau-keh-eshu t'spoh-tukh (lit. sulfate of potassium)
Pyrite -- dah-vla'u t'shek-tukh (lit. disulfide of iron)
Sodium bicarbonate -- sovno-l-reh-eshu t'alem-tukh (lit. hydrocarbon-oxide of sodium)
Sodium chloride (salt) -- lafu t'alem-tukh (lit. chloride of sodium)
Sodium nitrate -- sov-reh-eshu t'alem-tukh (lit. nitrate of sodium)
Sodium sulfate -- vlau-keh-eshu t'alem-tukh (lit. sulfate of sodium)
Sulfur dioxide -- dah-eshu t'vla-tukh (lit. dioxide of sulfur)
Titanium dioxide -- dah-eshu t'va-tukh (lit. dioxide of titanium)
Uranium hexafluoride -- sheh-hoshu t'shu-tukh (lit. hexafluoride of uranium)
Zinc oxide -- eshu t'tsau-tukh (lit. oxide of zinc)

Acetic acid -- sfith-masu-sash (lit. vinegar acid)
Ascorbic acid -- nen-savas-sash (lit. basic fruit acid)
Boric acid -- sash t'rak-reh-eshu (lit. acid of boron trioxide)
Carbonic acid -- sash t'masu-reh-eshu (lit. acid of carbonate)
Chromic acid -- sash t'salu-keh-eshu (lit. acid of chromate)
Hydrobromic acid -- masu-raku-sash (lit. hydro-bromide acid)
Hydrochloric acid -- masu-lafu-sash (lit. hydro-chloride acid)
Nitric acid -- sash t'sov-reh-eshu (lit. acid of nitrate)
Phosphoric acid -- sash t'yon-keh-eshu (lit. acid of phosphoro-tetroxide)
Phosphorous acid -- sash t'yon-reh-eshu (lit. acid of phosphoro-trioxide)
Sulfuric acid -- sash t'vlau-keh-eshu (lit. acid of sulfate)
Sulfurous acid -- sash t'vlau-reh-eshu (lit. acid of sulfite)

Examples of Golic Vulcan chemistry and physics terms:

Anhydrous -- fam-masupik
Alpha particle -- sih-pi'gal
Atom -- galu
Baryon -- pu'gal
Beta particle -- tih-pi'gal
Bioluminescence -- ha-ha'tanaya
Calcareous -- gavik
Catalyst -- torai-tukh
Caustic -- yontau-meil
Chroniton -- wak'gal
Compound (chemistry) -- meilaktra
Delta radiation -- kih-saya
Density -- ihn'es
Deuterium -- dah-masu-tukh
Dilithium -- dah-pim-tukh
Electron -- u'gal
Emulsion -- dah-masu
Emulsifier -- dah-mashek
Emulsible -- dah-mashauk
Filtration -- kapol-toraya
Fission, Atomic -- galu-dahshaya
Fluorescence -- sau-ha'tanaya
Fusion, Atomic -- galu-kaunshaya
Gamma radiation -- pih-saya
Graviton -- sesh'gal
Half-life -- ulef-ha'kiv
Hypervelocity impact -- kwul t'dan-pid-threshan
Immiscible -- rirish-yehat
Instability -- rifihet'es
Ion -- falun-krus
Ionization -- falun-shetaya
Isotope -- galu-dahsu
Luminescence -- dakh-ha'tanaya
Magnetic -- seshupik
Magnetic field -- seshan-vunai
Magnetic field intensity -- karik'es t'seshan-vunai
Magnetometer -- seshan-thonek
Methane -- keh-masunol-tukh
Methanol -- eshu t'keh-masunol-tukh
Methyl -- reh-masunol-tukh
Methylamine -- sovu t'kau-masunol-tukh
Methylene -- dah-masunol-tukh
Miscible -- vi'rish-yehat
Molecule -- galutravek
Negative charge -- u'rak-falun
Neutrino -- ska'gal
Neutron -- ta'gal
Nucleus (atomic) -- galu-svitan
Osmosis -- k'fai-sanek
Permeable -- sanek-yehat
Petroleum -- ek'elmin
Phosphorescence -- haf-ha'tanaya
Piezoelectric -- khush-raf
Piezoelectric effect -- dau t'khush-raf-tepul
Piezoelectricity -- khush-rafh-tepul
Polaron -- na'gal
Positive charge -- a'rak-falun
Positron -- a'gal
Radiation -- galu-saya
Radioactive -- galu-sayuk
Radioactive decay -- galu-sayuk nehaya
Radioactivity -- galu-saya'es
Radioisotope -- galu-saya-dahsu
Salinity -- alemik'es
Saturation -- vi-mashaya
Stability -- fihe't'es
X-ray -- vak-zehl

TABLE OF ELEMENTS
Besan t'Meilaklar

Strangely enough, the Vulcans never devised a periodic table of elements like that in use on Earth. They tended to group the elements by properties, such as gas, liquid or solid, or later in a convoluted system of interlocking tables. The Vulcans who made first contact with humans, after Zefrem Cochrane's first warp flight, were impressed with the human organization of elements into a periodic chart and it was adopted by most of the members of the Federation after its formation, except the Andorians, of course, who had independently devised an almost identical periodic chart. As mentioned previously, most element names are descriptive of some property of that element, although some of the later discoveries and artificially produced elements are named in honor of people and places, just as was the case on most worlds. The Transfermium Elements elements are simply numbered.

For historical accuracy and interest, we list in the chart below the elements in the atomic number order from the work of the great Vulcan chemist and physicist Saran t'Nelek, along with the abbreviations (atomic symbols) he established:

<table>
<thead>
<tr>
<th>OHV Name</th>
<th>OHV Symbol</th>
<th>Atomic #</th>
<th>FSE Name</th>
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<tbody>
<tr>
<td>Masu-tukh</td>
<td>Ma</td>
<td>1</td>
<td>Hydrogen</td>
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<td>Tahal-tukh</td>
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Earth Sciences Page
Thalu t’Ek’Tra-Ek’Tallar

**GEOLOGY, GEOPHYSICS & MINERALOGY**
Solektra-tal - Solektra-tor-tal heh Ek’tukh-tal

The planet Vulcan (T’Khasi) is very dynamic and geologically diverse, especially in features related to vulcanism, deserts and wind erosion. Because it is an arid planet, some terms relating to water, certain types of erosion, features caused by conditions that don't exist on the homeworld, etc., were created by geologists and/or historians to describe ancient or prehistoric features. Later exposure to watery Class M planets also caused great expansion of this terminology.

**Examples of Golic Vulcan vocabulary in these fields:**

- Ablation -- falk rashaya
- Abrasion -- grashaya
- Accretion -- fit’ovaya
- Active fault -- torupik dvun-zehl
- Active volcano -- torupik zul-kunel
- Adit -- ek’tukh-razh
- Aftershock -- pos-hutaya
- Alluvial fan -- ne-tin-sovek
- Alluvial placer -- ek’tukh-titaya t’ne-tin
- Alluvial plain -- ne-tin-eiktra
- Alluvium -- ne-tin
- Anticline -- abru-vul
- Aquifer -- masu-kovtra
- Arenaceous -- mazhiv-lef’es-kahk
- Argillaceous -- pid-krizhivik
- Arkose -- tashuhl-mazhiv-kov
- Arroyo -- pi’spathel
- Asbestos -- slah-kov
- Ash flow -- sposhan-vitush-yumaya
- Astrobleme -- skrash-kwul-razh
- Avalanche (rock only) -- kov-skish
- Avalanche (snow with or without rock) -- izh-skish
- Barchan -- dah-stonn-sef
- Basalt -- ushek
- Batholith -- neik-zul-kov
- Bauxite -- wan-tukh-van
- Beach placer -- ek’tukh-titaya t’shahov
- Bedrock -- nen-kov
- Bench -- pi’nef
- Bioclastic rock -- ha-zarahk-kov
- Boulder -- suk’kov
- Breccia -- zarahk-teret-kov
- Butte (non-volcanic) -- kunel
- Butte (volcanic) -- zul-kunel
- Caldera -- ne’hal-zul-razh
- Canyon -- spathel
- Cave -- tauk
Cavern -- suk'tauk
Chalk -- gav
Chert -- kohv-mazhiv-kov
Cinder cone -- vitush-kunel
Cirque -- ku-li-razh
Clay -- krizhiv
Cliff -- menal
Coal -- kastik-kov
Confluence -- teret-yumaya
Conglomerate -- teret-kov
Consanguinity -- teret-zulan'es
Consolidation -- lerashan
Continental drift -- ek'kovtra
Corundum -- yon-kushh
Crack -- treshaya
Crater, Impact -- kwul-razh
Crater, Volcanic -- zul-razh
Crest -- dan-pid-sfek
Crevasse -- glu-treshaya
Crevice -- treshaya
Crust -- si-kov-shal
Crystal -- khush
Crystalline -- khushik
Crystallization -- khushaya
Debris -- guhsh(-tukh)
Deposit -- titaya
Desert -- eshih
Detritus -- thal-tukh
Diamond -- lerasz-khush
Dike (lava) -- zul-mev
Displacement -- (solektra-)sa'dvun
Dolomite -- desh-tukh
Dormant volcano -- yuupik zul-kunel
Dune -- sef
Dune complex -- sef-travek
Effluent -- s'yumuk
Emerald -- yar-kushh
Eruption (volcanic) -- zul-sposhan
Fault -- dvun-zehl
Feldspar -- tashuhl
Flint -- kil-tukh
Fossil -- vesht-ha-kov
Freshwater -- slor-masu
Fumarole -- fal-pa-razh
Galena -- ras-kov
Geosuture -- kovtra-ragel-shal
Geyser -- masu-pohshuk
Glacier -- dvun-le-sumatra
Gneiss -- thrakh
Graben -- dvun-zehl-treshaya
Granite -- zasuhl
Graphite -- lerasz-nol-tukh
Gravel -- krus-kov
Gravimeter -- ne-seshan-thonek
Gravity -- ne-seshan
Groundwater -- ne'ruk-masu
Guyot -- masutra-pa'ash-kunel
Gypsum -- aukh
Halite -- alem-kov
Hammada -- salan-fleit-skonn
Hardness -- lerash'es
Hiatus -- tin-svil'shaya
High plain -- pid-eiktra
Highland(s) -- pid-shal
Hill -- kunel
Horizontal fault -- yutik dvun-zehl
Horst -- dvun-zehl-shen
Hydraulic action -- dvun-masu-torai
Hydroelastic rock -- masu-torai-kov
Hydrolith -- s'masu-kov
Hydrologic cycle -- masu-da-nel
Hydrothermal deposit -- fal-masu-titaya
Igneous rock -- zul-kov
In situ -- svi'ruk
Inclinometer -- vul-thonek
Influent -- vi'yumuk
Inselberg -- sa'awe-koval
Intermittent stream -- rilik pilash
Intrusion -- vi'kwitaya
Island -- vikuvtra
Isthmus -- solekta-naf
Jade -- yar-kov
Karst plain -- bogosh-eiktra
Knoll -- pi'kunel
Laccolith -- patam-zul-koval
 Lahar -- fal-vrel-yumaya
Lake -- suk'muzh
Landslide (rock and soil) -- solek-skish
Landslide (rock only) -- kov-skish
Lava -- (si)-zul
Lava flow -- zul-yumaya
Lava lake -- zul-muzh
Lava tube -- zul-ur
Limestone -- vom-tukh
Lithification -- kovtaya
Lithosphere -- kov-ek'shal
Littoral -- mashen-shahov-shal
Loam -- makrizhiv
Loess -- salan-sal-titaya
Magma -- (tvj-)zul
Magma chamber -- zul-tvi-shal
Magnet -- seshan-kov
Magnetic -- seshupik
Magnetic anomaly -- seshupik flekh'es
Magnetic field -- seshan-vunai
Magnetite -- seshan-tukh
Magnetometer -- seshan-thonek
Mantle -- tvi-kovtra
Marl -- vam-krizhiv
Mesa -- pa'ash-fiktra
Metal -- mokev
Metamorphic rock -- rubah-kov
Mica -- timazh-kov
Microseism -- ri-solektra-hutaya
Mineral -- ek'tukh
Mogote -- vam-kunel
Monadnock -- haf-kunel
Moraine -- kov-guhsh s'dvun-le-suma
Mountain (non-volcanic) -- suk'kunel
Mountain (volcanic) -- sh'iyon (traditional), zul-kunel (geologic)
Mountain chain -- kunel-maat
Mountain range -- kunel-zehl
Mountain system -- kunel-travek
Mud -- vrel
Mud flat -- vrel-eiktra
Mudflow -- vrel-yumaya
Mudstone -- vrel-kov
Nappe -- kov-thalv
Nematath -- zul-kunel-yut
Nodule -- kov-dukal
Nuée ardente -- zul-kunel-wan
Oasis -- shi'masu
Obisidian -- zul-makh
Oblique-slip fault -- vul-dvun-zehl
Ocean -- masutra
Organic rock -- ha-guhsh-kov
Orogeny -- kunel-storaya
Outcrop -- nodahb
Outgassing -- s'pataya
Palisade -- masu-menal
Pan -- lerakhovau-solek-tin
Parent material -- tveshu-tukh
Pebble -- pi'kov
Pedogenesis -- solek-storaya
Peneplain -- nen-eiktra
Peneplanation -- nen-eiktra-skrashaya
Permeable -- sanek-yehat
Permineralization -- kovtaya
Permissive intrusion -- vath-zul-vi'kwitaya
Petrifaction -- kovtaya
Petrified -- kovtulik
Petrogenesis -- kov-storaya
 Petroglyph -- kov-kitaya
Petroleum -- ek'elmin
Phacolith -- zul-vulaya-koval
Phreatic cycle -- da-nel t'masu-tin
Phreatic water -- ne'rak-masu
Phytolith -- kastik-guhsh-kov
Piedmont alluvial plain -- ne-tin-eiktra t‘kunel-nen
Piedmont glacier -- dvun-le-sumatra t‘kunel-nen
Piedmont terrace -- nef t‘kunel-nen
Piezoelectric effect -- dau t‘khush-raf-tepul
Pinch-out -- tin-spoh
Pingo -- le-suma-kunel
Pinnacle -- kov-suk‘fek
Pitchblende -- nesh-shu-kov
Placer -- ek‘tukh-titaya
Plain -- eiktra
Planation -- eiktra-skrashaya
Plate -- kovtra
Plate boundary -- ragel-zehl t‘kovtralar
Plateau -- pasutra
Playa -- eshikh-eiktra
Playa lake -- eshikh-suk‘muzh
Pluton -- glu-zul-koval
Pond -- muzh
Porphyry -- khush-zul-kov
Primary magma -- glu-zul
Primary mineral -- wuh‘rak-ek‘tukh
Puddle -- pi‘muzh
Pumice -- markau-zul-kov
Pyroclast -- thorshau-zul-krus
Pyroclastic flow -- sposhan-vitush-yumaya
Pyroclastic material -- thorshau-zul-tukh
Pyroclastic rock -- thorshau-zul-kov
Pyrogenesis -- zul-storaya
Quartz -- kohv-tukh
Quicksand -- ne-hal-mazhiv
Radioactive -- galu-sayuk
Recession -- s‘trashan
Regolith -- nen-kov-guhsh
Ridge -- kov-zehl
Rift valley -- kovtra-ku-li
River -- pilash
Rock -- kov
Rock mass -- koval
Rock pedestal -- patam-koval
Ruby -- yon-ek‘zer
Sabkha -- alemtra
Salt lake -- alem-suk‘muzh
Sand -- mazhiv
Sandstone -- mazhiv-kov
Sapphire -- pla-khush
Savannah -- yartra
Scree -- kov-guhsh
Scoria -- nala-zul-kov
Seamount -- masutra-kunel
Secondary mineral -- dah‘rak-ek‘tukh
Sediment -- ne‘ti-tukh
Sedimentary rock -- ne‘ti-kov
Seismograph -- solektra-hutaya-besan
Seismometer -- solektra-hutaya-thonek
Shale -- tin-kov
Shoal -- ne'ti-hoknaya
Shore -- gef
Shoreline -- gef-zehl
Silt -- shal-zul-kov
Silt -- kitek
Slate -- kitau-kov
Soil -- solek
Soil horizon -- ragel-zehl t'solek
Soil profile -- solek-ek'tin
Sounding sand -- ralash-mazhiv
Speleothem -- tauk-titaya
Stalactite -- ne'to'ovaya
Stalagmite -- abru'to'ovaya
Steppe -- psethra
Stone -- kov
Strait -- masu-naf
Stratification -- (kov)-tintaya
Stratum -- kov-tn
Triation -- zehl-ulidar
Subduction -- kovtra-ne-dvun
Summit -- dan-pid-sfek
Syncline -- ne-vul
Tablemount -- masutra-pa'ash-kunel
Talus -- menal-guhsh(-tukh)
Talus-creep -- menal-guhsh-dvun
Tar -- leralmin (old contraction of "lerash-elmin")
Tar pit -- leralmin-razh
Tektite -- makh-vihk
Tephra -- thoshau-zul-tukh
Terrace -- nef
Texture -- le'es
Topsoil -- skonn-solek
Tributary -- yemek
Tuff -- vitush-kov
Tundra -- samek-psethra
Unaka -- suk'haf-kunel
Uraninite -- shu-kov
Vertical fault -- abru'lik dvun-zehl
Valley -- ku-li
Volcanic ash -- splan-splan-vihk
Volcanic bomb -- splan-vihk
Volcanic chain -- zul-kunel-zehl
Volcanic cloud -- splan-pan
Volcanic crater -- zul-razh
Volcanic ejecta -- thoshau-zul-tukh
Volcanic eruption -- zul-kunel-splan
Volcanic glass -- zul-makh
Volcanic sand -- zul-mazhiv
Volcanic vent -- zul-ru'lut
Volcano -- shi'yon (traditional), zul-kunel (geologic)
Vug -- kov-razh
Water table -- masu-tin
Weathering -- igen-vashan
Xenolith -- v'kwitau-kov
Yardang -- salan-kov-zehl

**METEOROLOGY & CLIMATOLOGY**

_igen-va-tal heh Ek'nosh-tal_
The planet Vulcan is a very arid planet with a relatively thin atmosphere and very little atmospheric moisture. Millions of years ago, the planet had much more oxygen and water in its atmosphere, and surface water was more common. As the planet dried out, the climate has stabilized into a fairly uniform temperature range with little seasonal variation. Although the weather of Vulcan is not nearly as diverse as that of other planets, it is still possible to experience some precipitation, violent wind and sand storms, and electrical activity. Since becoming a highly technical race, the Vulcans no longer have to worry about the scarce natural water resources which caused more than one catastrophic war in the their past. Water is freely available now through atmospheric engineering, chemical manufacture or replication.

**Examples of Golic Vulcan vocabulary in these fields:**

Absolute humidity -- ek'esik masu'es
Acid rain -- sash-sov-masu
Adiabatic -- ri-falek'es-rubahk
Adiabatic lapse rate -- sov-shen-tav ri-falek'es-rubahk
Advection -- sov-abru'lik-dvun
Air mass -- sovtra
Airflow -- sov-yumaya
Altitude -- sov-pidek
Altocumulus (cloud) -- pid-tra-wan
Altostratus (cloud) -- pid-tin-wan
Anabatic -- abru-dvunik
Anticyclone -- vath-sov-dan
Atmosphere -- igen-tukh
Atmospheric motion -- sov-dvun
Atmospheric pressure -- sov-ne'hish
Atmospheric water -- sov-masu-nakh
Aurora -- igen-gellar
Barometer -- sov-ne'hish-thonek
Blizzard -- izh-sahriv
Breeze -- pi'salan
Chinook (wind) -- lamekh-suk'kunel-salan
Circulation -- (sov-)da-kuvaya
Cirrocumulus (cloud) -- tra-tcha-wan
Cirrostratus (cloud) -- tin-tcha-wan
Cirrus (cloud) -- tcha-wan
Climate -- ek'nosh
Climatic change -- ek'nosh-rubah
Climatic trend -- ek'nosh-venek
Cloud -- wan
Cloud bank -- wantra
Cloud cover -- wan-wein
Cold front -- samek-praduk
Condensation -- sa-sov-saya
Condensation nucleus -- svitan-vel t'sa-sov-saya
Convection -- da-kuv-falek'es
Convergence -- steraya
Cryosphere -- le-suma-ek'shal
Cumulonimbus (cloud) -- tra-masu-wan
Cumulus (cloud) -- tra-wan
Cyclone -- suk'sov-dan
Depression -- neik-shal
Desertification -- eshikhaya
Dew -- asal-masu
Dewpoint -- asal-masu-sfek
Divergence -- ri-steraya
Drop (rain, etc.) -- thek
Droplet -- pi'thek
Drought -- pseth-wak-krus
Dust storm -- grazhiv-sahriv
Electrostatic charge -- shi-raf-falun
Evaporation -- na-sovaya
Exosphere -- si-ek'shal
Fog -- ihsek
Fog-drip -- ihsek-masu
Föhn (wind) -- lamekh-suk'kunel-salan
Freeze (v.) -- le-sumau
Freezing level -- vok t'le-sumaya
Freezing nucleus -- svitan-vel t'le-sumaya
Front -- praduk
Frost -- le-suma-tin
Glaciation -- le-suma-wein
Glacier -- Dvun-le-sumatra
Greenhouse effect -- falek-pash-daya
Greenhouse gas -- pa-tukh t'falek-pash
Hail(stone) -- masu-kov
High pressure -- pid-ne'hish
Humidity -- sov-masu'es
Hurricane -- suk'masutra-esh'u'a
Hydrologic(al) cycle -- masu-da-nel
Hygrometer -- sov-masu-thonek
Hygroscopic nucleus -- svitan-vel t'masu-shidau
Ice -- le-suma
Ice age -- le-suma-pal
Instability -- ri-fihe't'es
Ionization -- falun-shetaya
Ionosphere -- falun-shetaya-ek'shal
Isobar -- ka-ne'hish-zehl
Isotherm -- ka-falek'es-zehl
Lee wave -- hayal-sov-pral
Lightning - igen-wesh
Low pressure -- neik-ne'hish
Magnetosphere -- seshan-ek'shal
Mesosphere -- svitan-sov-ek'shal
Moisture -- masu'es
Nimbostratus (cloud) -- tin-masu-wan
Orographic cloud -- suk'kunel-wan
Pluvial -- sov-masupik
Precipitation -- sa-sovaya
Rain -- sov-masu
Rime -- ihsek-le-suma
Sandstorm -- mazhiv-sahriv
Sirocco -- eshikh-salan
Snow -- izh
Snow level -- izh-vok
Snowstorm -- izh-sahriv
Storm -- sahriv
Stratocumulus (cloud) -- tin-tra-wan
Stratosphere -- pid-sov-ek'shal
Stratus (cloud) -- tin-wan
Supersaturation -- dan-vi-mashaya
Thermosphere -- si-falek-ek'shal
Thunder -- rahm
Thunderstorm -- rahm-sahriv
Tornado -- da-eshu'a
Troposphere -- igen-va-ek'shal
Typhoon -- suk'masutra-eshu'a
Waterspout -- masutra-eshu'a
Weather -- igen-va
Wind -- salan
Wind shear -- salan-eitaya
Windstorm -- salan-sahriv

OCEANOGRAPHY & MARINE BIOLOGY

Masutra-tal heh Masutra-ha-tal

Despite the fact that the planet Vulcan hasn't had any oceans for millions of years, the Vulcans developed a vocabulary of oceanographical terms from geologists' needs to describe discoveries about the planet's past. Vulcan does have several seas, similar in size to the Great Lakes of Earth's North America and smaller lakes. Later settlement of colony planets with oceans and even later exploration of watery Class M planets as members of the Federation, led to further development of these terms.

One curious detail is that most Vulcans have an in-born aversion to water and are not comfortable swimming or diving. Medical researchers believe this is due to two factors: Large enough bodies of freshwater to swim in have been rare since prehistoric times and the density of Vulcan tissues makes them non-buoyant, making swimming at the surface very strenuous. This aversion to water has disappeared in those beyond the third generation of Vulcan colonists of watery worlds and with those Vulcan offshoots, the Romulans.

Examples of Golic Vulcan vocabulary in these fields:

Abyssal-benthic zone -- glu-gosh-shal
Archibenthic zone -- gan-gosh-shal
Algae -- smol
Anadromous -- zalmatrupik
Archipelago -- vikuvtra-travek
Backshore -- pid-shahov
Backwash -- s'yunaya
Bathyal zone -- glu-masutra-shal
Bathymetry -- glu-masutra-thonaya
Bathyscaphe -- glu-masutra-hali
Bathysphere -- glu-masutra-vel
Bay -- tchol
Beach -- shahov
Beach cusp -- dah-stonn-pi'sef (t'sahov)
Benthic zone -- glu-masu-shal
Benthos -- ha-vellar t'masu-lan-tol
Biomass -- hatra
Bore -- pilash-mashen-pral
Breaker -- kik-pral
Catadromous -- yolmatrupik
Cay -- neik-vikuvtra
Coast -- gef
Cove -- pi'tchol
Current -- masutra-pilash
Deep-sea (system) -- gosh-glu'es
Diurnal intensity -- gadik-flan'es
Ebb tide -- ne'le-mashen
Eulittoral zone -- gan-gef-shal
Gulf -- suk'tchol
Guyot -- masutra-pa'ash-kunel
High tide -- pid-mashen
High-water interval -- svi-wak t'pid-masu
Hurricane -- suk'masutra-eshu'a
Hydrometer -- masu-thonek
Hydrosphere -- masu-ek'shal
Ice floe -- le-suma-markaya
Ice shelf -- le-suma-eiktra
Iceberg -- le-suma-vel
Island -- vikuvtra
Isthmus -- solektra-naf
Key -- neik-vikuvtra
Lagoon -- masutra-muzh
Littoral (system) -- gef-glu'es
Low tide -- neik-mashen
Low-water interval -- svi-wak t'neik-masu
Manganese nodule -- kov-dukal t'shel-tukh
Mud flat -- vrel-eiktra
Neap tide -- dan-neik-mashen
Nekton -- numo-mahal-vel t'masutra
Neritic -- be-gefik
Ocean -- masutra
Ocean trench -- (masutra-)glu-spathel
Oceanic -- sa-gefik
Offshore bar -- gef-mazhiv-zehl
Pack ice -- le-suma-teraya
Pelagic -- masutrupik
Phytoplankton -- masutra-numo-kastik
Plankton (in general) -- numo-ha-vel t'masutra
Range of tide -- mashen-na-sa
Salinity -- alemik'es
Saltwater -- alem-masu
Sand -- mazhiv
Sand bar -- mazhiv-zehl
Sea -- masutra
Sea breeze -- masutra-pi'salan
Sea cliff -- masutra-menal
Seafloor -- masutra-tol
Seamount -- masutra-kunel
Shoal -- ne'ti-hoknaya
Shore -- gef
Shoreline -- gef-zehl
Slack water -- mashesh-shom
Spawning -- yu-mur-titaya
Spring tide -- dan-pid-mashen
Storm surge -- sahriv-tral
Strait -- masu-naf
Subduction zone -- ne-dvun-shal
Sublittoral zone -- glu-gef-shal
Submarine canyon -- (masutra-)-glu-spathel
Submarine plateau -- (masutra-)-glu-pasutra
Surf (zone) -- pral-shal
Swash -- na'yumaya
Swash mark -- na'yumaya-zehl
Thermocline -- masu-falek-tin
Tidal current -- mashesh-pilash
Tidal flat -- mashesh-eiktra
Tide -- mashesh (old contraction of "masu-shen")
Tsunami -- khrash-pral
Typhoon -- suk'masutra-eshu'a
Upwelling -- (masu-)-abru-dvun
Waterspout -- masutra-eshu'a
Wave -- pral
Zooplankton -- masutra-numo-aushfa
Medical Sciences

Introduction to Vulcan Physiology

Vulcanoid species make up nearly one third of the population of the Federation. Although "vulcanoid" has had different meanings, the definition in The Unabridged Federation Standard Dictionary is "a being similar in physical form and chemical makeup to the dominant humanoid lifeform on the planet Vulcan and its colonies, hence derivation of the term . . ." The Romulans are actually the descendants of Vulcan emigrants, so for all intents and purposes, a description of Vulcan physiology will fit the Romulans as well.

For many years, it was believed that there was only one fairly homogenous race of Vulcans, so it was a great surprise when much darker Vulcans were first seen many years after Vulcan helped to create the United Federation of Planets (UFP). Indeed, The Star Fleet Medical Reference Manual (ISBN 0-345-27473) states that there is only one race of Vulcans because Star Fleet Medical had no knowledge to the contrary at the time. Explanations have been vague and it is thought that these "dark Vulcans" are from a minority race that has historically been a private, possibly xenophobic cultural subgroup. Because of certain privacy clauses in the Vulcan UFP membership agreement, the details behind the "second race" of Vulcans is unknown. It could be argued successfully that the Romulans form a separate race of Vulcans as well, because of physiological changes which have occurred due to differing climatic influences and probable genetic engineering programs in centuries past.

General Body Size & Shape

The Vulcans of T'Khasi are generally a tall, thin people, falling in the upper average height range for humanoid/vulcanoid species. Adult males average between 6'-6"7" (1.8-2.0 m) in height, adult females 5'-6" (1.7-1.8 m). Weight is commensurate with height and build, although Vulcans weigh slightly more than expected due to tissue density. Muscle density and strong attachment to the skeletal structure make Vulcans much stronger for their size than most humanoids. Vulcans display a natural ability in many athletic events and martial arts. Their tall, thin body structure also aids in the dispersion of heat, the same as that of the similar body structure found in desert-dwelling aborigines on many worlds, including Earth.

Vulcan Biochemical Makeup

The biochemical makeup in Vulcans of T'Khasi and its colonies is very similar to that in many humanoid and especially vulcanoid species of known space. At the cell nucleus level can be found DNA and chromosomol structures similar to most humanoid/vulcanoid races, giving strong support to the theory that life throughout the Milky Way Galaxy had a common source untold billions of years ago. "Species seeding" also was apparently carried out by an ancient super-race of beings, often called The Preservers. Since vulcanoid species appear throughout the galaxy, it is obvious that some process led to this occurrence but an answer is unknown. T'Khasi is considered the evolutionary and genetic source for all known vulcanoids, because the Vulcans are genetically related to all other lifeforms on their planet, whereas the vulcanoids on many other worlds have turned out to have alien DNA.

The blood of most vulcanoids, including the T'Khasi Vulcans, is made up of hemoglobin based on copper. (Several primitive vulcanoid species have been discovered with iron-based hemoglobin, just like that of most other humanoids, but we will not discuss that any further here.) This copper-based blood is most obvious from its green color, which also tints the tissues of Vulcans greenish, much like the iron-rich red blood of many other races tints their tissues a pinkish or reddish color. Having copper-based blood aids in the utilization of oxygen under the low atmospheric pressure and low oxygen conditions on T'Khasi. The Vulcan
blood cells have a double-convex form, which in addition to helping to maximize oxygenation, also aids in cooling each blood cell, the blood stream, and ultimately the entire body. A lot of the waste heat conducted by blood cells is transferred into the lungs during respiration, thus making the exhaled breath of Vulcans fairly hot under most conditions, especially during exertion.

**Vulcan Senses**

**Sight** -- as in most humanoid/vulcanoid species, Vulcans have a forward-facing, stereoscopic pair of eyes. Each eye is protected by a clear inner eyelid or nictitating membrane (*tvi-wein t'bezhun*) that helps filter out harmful radiation, heat and dust. Vulcan vision is less acute in bright light, while their night vision is more acute. This is thought to be due to the fact that the Vulcans descended from nocturnal predatory "cat-apes". As in most very hot and arid climates, most life on Vulcan was and is nocturnal, sheltering from the blistering heat during the day and only coming out during cooler temperatures at night. Because of their eyes, Vulcan living accommodations or vessels are much more dimly lit than those of most other species. Most Vulcans find the lighting of standard Star Fleet vessels on the bright side, although they find the lighting of Romulan or Klingon vessels comfortable. It has recently been discovered that many Vulcans serving on mixed Star Fleet vessels wear a type of tinted, polarizing contact lens to enable them to work without unnecessary and unhealthy eye strain.

**Hearing** -- as in most humanoid/vulcanoid species, Vulcans have a pair of ears on each side of their heads. The ears of most vulcanoids are very distinctive in that the top of the external ear structure tapers into a clearly defined point. This is the case with the T'Khasi Vulcans and their descendants. There appears to be a clear sexual dimorphism in ear shape, with males tending to have bigger ears with more prominent points. It has long been suspected that some Vulcans cosmetically alter the shape and angle of their ear tips to conform to an aesthetic standard. This may be supported by the fact that certain societal outcasts, Vulcans who chose to live a non-technical, traditional life, and members of certain monastic groups seem to have much longer, and often curved, ear tips. The hearing of the Vulcans, and indeed that of most vulcanoids, is very acute under most conditions. While the Vulcan low frequency hearing range is nearly identical to humans, their high frequency hearing range is significantly higher. This is to be expected in beings descended from predatory, nocturnal creatures living in a thin atmosphere.

**Smell** -- the size and shape of the nose of Vulcans conforms to the normal range of most humanoid/vulcanoid species. Because of their evolution in a hot, arid environment, though, the nose of the Vulcans has become highly adapted to filtering dust and sand from the air during inhalation, and minimizing moisture loss during exhalation. Because the sinus spaces of the Vulcans contain moisture-reclaiming cells in place of what would be a large number of olfactory cells in other beings, the sense of smell of Vulcans is not nearly as acute as that of most other humanoid species.

**Taste** -- the size and shape of the tongue of Vulcans conforms to the normal range of most humanoid/vulcanoid species. Unfortunately, due to the fact that taste is related to the sense of smell, Vulcans have a well-known lack of taste sensation. Vulcans are especially weak in tasting sweet things, although their sense of taste for salty and bitter things is relatively good. In order to enjoy the taste of things, Vulcans have historically tended to highly spice or season their foods. Some traditional Vulcan dishes are nearly impossible to eat by other humanoids.

**Touch** -- as is the case with most vulcanoid species, the Vulcans have a very acute sense of touch in all its forms, especially heat, pressure and texture. Vulcans are tactile beings by nature but must, by necessity, limit their contact with living beings because of their innate telepathic abilities. One of the strongest taboos in Vulcan culture is making uninvited physical contact. Even husbands and wives often only touch each other with one or two fingers at most in day-to-day situations. Contact such as hand-holding, hugging or kissing is unknown in civilized Vulcan behavior. It is only accepted and considered normal for infants and toddlers to make much physical contact with others. Unfortunately, it is the normal behavior of most humanoids to grasp hands, embrace, or make other such physical contact during greeting and conversation. This behavior is very
uncomfortable and even distasteful to Vulcans, but they have learned to bear it as the price of living and working with non-Vulcans.

**Body Organs & Systems**

**Skin** -- the epidermis of Vulcans, unlike that of many other humanoids, is a twin-featured moisture-proof barrier to prevent dehydration. Vulcans lack sweat glands as an evolutionary development to conserve moisture in an extremely hot, arid climate. Excess heat is drawn away by the blood to be exhaled or stored and radiated from the skin when external temperatures are lower. This is why Vulcans have a very warm breath and their skin is almost hot to the touch under most conditions. Another difference in the skin of Vulcans is the fact that, even though the skin does not give off moisture, it can directly absorb moisture from the surroundings if there is any. In prehistoric times, Vulcans would stand in rare fog or rainfalls nude to maximize absorption of precious water that the body then stored. This technique is taught to the present day as a survival tool.

**Brain** -- externally, it is difficult to tell the Vulcan brain from that of most sentient humanoid/vulcanoid species. Of course, if a human and Vulcan brain were set side by side, it would be possible even for a layman to tell which was which simply by color -- the human brain is greyish with a pink tinge, whereas the Vulcan brain is greyish with a green tinge. A normal Vulcan brain is about 1600 cc in size, practically identical to that of humans. The olfactory center of the Vulcan brain is smaller due to function (see the "Nose" section above), while the Vulcan mid-brain is somewhat larger and more convoluted than that of a human, explaining the telepathic powers all Vulcans possess to one degree or another. Unlike the early medical knowledge of many humanoid/vulcanoid species, which centered the mind in various parts of the anatomy, as far back as their history is recorded, Vulcans knew the brain was the site of thoughts, memories, knowledge and emotions.

**Heart** -- the Vulcan heart is located approximately where one would expect to find the liver in most humanoids. It is believed that the Vulcan heart was displaced to allow additional space for the lungs which, by necessity, are somewhat larger in order to extract sufficient oxygen from a thin atmosphere. In order to protect the heart region, cartilaginous ribs extend lower on the torso of a Vulcan. Another consequence of the position of the heart and lower ribs is that the fetus is carried quite low in Vulcan women, often causing discomfort for most of the pregnancy. The adult Vulcan heart rate is approximately 240 beats per minute and normal blood pressure is 80/40, both far from the norm of most humanoids. The Vulcan heart is larger than humanoid/vulcanoid average for body size due to the increased workload of the heart in not only circulating blood to feed the tissues and remove wastes, but also to aid in the cooling of the body.

**Liver** -- the Vulcan liver is much smaller than that of most humanoids because many of the functions it has in other humanoids is done elsewhere in the Vulcan body. For example, the Vulcan kidneys not only filter fluids, they filter out and store certain substances. Other parts of the digestive and circulatory systems also have additional functions.

**Kidneys & Bladder** -- in some ways the kidneys of the Vulcan are more important than any other organ, since they manage the body’s water retention system. In pre-technical times, kidney disease was the number one medical condition that caused a premature death, whereas cancers or heart disease were the cause in most other humanoids. The Vulcan urinary system passes slightly less than half of all water taken into the body, while the rest is recycled. This is an adaptation to life on a very dry, arid planet where water is rarely found in its natural state. The urine of Vulcans is relatively thick and viscous, actually more like an oil than a watery liquid. The Vulcan bladder can hold urine for a number of days, unlike the bladders of most humanoids which have to be drained at least once a day and usually more often. The lining of the bladder also plays a small part in retrieving some water before the urine is finally eliminated.

**Stomach & Digestion** -- as with all known true humanoid/vulcanoid beings, Vulcan digestion begins in the mouth with the chewing of food and its mixture with saliva. As part of their evolutionary development to
conserve moisture, Vulcans do not salivate from emotional or external sensual cues. Food has to actually be in the mouth being chewed before saliva will be released. After swallowing, the food bolus travels down the esophagus to the stomach with peristaltic contractions. The esophagus is separated from the stomach by the esophageal valve ("cardiac sphincter" in humans). The Vulcan "stomach" is actually two joined chambers -- the first section is a spherical muscular object and the second section is a flattened oval object. The two sections are separated by the first pyloric valve. In the first stomach, the undigested food is mixed with acids and enzymes, then subjected to vigorous muscular contraction until it is broken down into a mash. After formation of this mash, the first pyloric valve opens and the contents enter the second stomach. The first valve closes, as well as a second pyloric valve at the posterior end, if not already closed. The second stomach is where the mash from the first stomach is subjected to more intense acids, bile and enzymes, quickly reducing the contents to their basic components. After digestion is complete, the second pyloric valve opens and the soupy mixture enters the intestine where absorption of nutrients and water takes place.

Because civilized Vulcans have been vegetarians for many centuries, most Vulcans are unable to digest meat products of any kind should a survival situation require it. Most Vulcan first aid or survival kits contain packets of oral enzyme supplements for use in such emergencies. Replicated meat substitutes, based on plant proteins, do not require such supplements.

**Intestine & Excretion** -- the intestine of the Vulcans plays the same role as it does in all lifeforms with one, absorbing nutrients and water, and packaging wastes for excretion. The intestine of Vulcans is very simple compared to those of most humanoid species. Instead of a complicated system of duodenum, jujunum, ileum, and large intestine, the Vulcans only have a continuous coil of intestine that is a blend of features from the small and large intestines of other humanoid. The Vulcans do not possess an appendix. As with all Vulcan body systems, the intestine of the Vulcan body is very efficient, and the feces that is eliminated is a fairly dry, compact mass. Diarrhea, although very rare, will kill a Vulcan much quicker than most humanoids, unless copious amounts of water are ingested immediately to replace what is lost. According to the Vulcans, constipation and hemorrhoids are unknown to them, although Federation medical expects are dubious of this claim, despite never encountering either condition in a Vulcan to date!

**Reproductive Systems** -- as with the vast majority of known humanoid/vulcanoid beings, the Vulcans are differentiated into male and female genders. In response to extreme environmental conditions, where mortality is high, all native T'Khasi animal life, including the Vulcans themselves, can breed at any time during the year. The Vulcan female is always fertile. The Vulcan male can mate at any time, but *must* mate every 7 years during *pon Farr* or he will die. Vulcans will not readily discuss this subject with non-Vulcans, but Federation doctors and biologists have noted this 7-year cycle in all animal life to one extent or another. It is now believed that all Vulcan life was synchronized in this 7-year cycle at some point in the very distant past. Astronomers have noted a 7-year cycle of solar activity in the solar system and it is believed that animal life on T'Khasi evolved to breed without fail during this time of especially low solar activity when radiation levels of all kinds were at their lowest.

The Vulcan male reproductive organs parallel those of most other known humanoid/vulcanoid beings. The Vulcan penis is an erectile structure without external sheath or foreskin, therefore Vulcans have no need for circumcision. As part of the evolutionary process of T'Khasi life, the male organ is almost fully retracted into the body when not in use as a protective measure. Vulcans also have two testes in a scrotal structure that is close to the body, not pendulous, and a prostatic body that produces and stores seminal fluid. Once ejaculated, the sperm of Vulcans is viable for a maximum of about 30 hours before losing mobility. It is believed that Vulcan males remain fertile during their entire adult life.

The Vulcan female reproductive organs also closely parallel those of other known humanoid/vulcanoid beings. They are comprised of a vagina, uterus and ovaries. There are no lengthy uterine or Fallopian tubes in Vulcan women; the ovaries are directly connected to the uterine body by short ducts. As part of the evolutionary process to conserve body water, Vulcan women do not menstruate. Ovulation occurs each month from alternate ovaries. The ovum enters the uterus usually in less than a day, where it remains awaiting fertilization. If no fertilization takes place within 10-14 days, the ovum deteriorates and its
substance is absorbed into the uterine lining. Should fertilization occur, the blastocyst will implant itself in the uterine wall and hormones will activate formation of a placenta. Growth and development of a fetus will occur within the uterus with delivery being made through the vagina. The need for Caesarian types of deliveries, although rare, is not unknown to Vulcans. Twinning is very rare in Vulcans, probably as a consequence of evolving on a planet where scarce resources would favor only survival of one infant at a time. Fraternal twins are exceedingly rare, whereas identical twins are the norm. Multiple births beyond three are unheard of. The idea of giving birth to multiple children is considered repugnant to most Vulcans and may be innate. It is unknown how long Vulcan females remain fertile, although it is believed that it lasts well into maturity. Vulcan women on T'Khasi rarely have more than two children in a lifetime, unless they need to replace a child that died, but Vulcans on colony worlds are known to have as many as five children.
Medical Terminology
Has-Zhilikam

Examples of disciplines in the medical sciences:

Anatomy -- Vukhut-tal
Anesthesiology -- Kahan-ne-tal
Angiology -- Vukhut-mev-tal
Audiology -- Kalash-tal
Biochemistry -- Ha-meil-tal
Biophysics -- Ha-tor-tal
Cardiology -- Khaf-spol-tal
Cytology -- Nala-tal
Dermatology -- Wadi-tal
Epidemiology -- Has-sak-tal
Ergonomics -- Zup-dvun-tal
Eugenics -- Tash-noshter-tal
Gastroenterology -- Skaun-ek'ur-tal
Genetics -- Tol-tal
Geriatrics -- Shakhu-tal
Gerontology -- Shakhvaya-tal
Hematology -- Khaf-tal
Hepatology -- Nehasamek-tal
Histology -- Numo-kelek-tal
Kinesiology -- Vukhut-dvun-tal
Microbiology -- Numo-ha-tal
Mycology -- Luk-tal
Neonatology -- Uzh-keshu-tal
Nephrology -- Kapol-nafek-tal
Oncology -- Gnal-tal
Osteology -- Hinek-tal
Pathology -- Has-tal
Pharmacology -- Haseret-tal
Physiology -- Is-lof-tal
Proctology -- Pehk-vat-tal
Psychiatry -- Kashkau-tal
Psychology -- Kloshtai-tal
Toxicology -- Gisam-tal
Urology -- Vazh-ek'ur-tal

Examples of Golic Vulcan medical sciences terminology:

Abdomen -- feshek
Abduction -- sa-dvunel
Ablactation -- pehk-thasaya
Ablepharia -- fam-bezhun-wein
Ablutophobia -- wu'sibau-pthak
Abnormal -- ritsuri
Abrachia -- fam-kerlar
Abrasion -- grashaya
Absorption -- vi-seshaya
Abscess -- pi'tak
Acaphasia -- rish-nahp-nosh
Accretion -- fito'ovaya
Acerophobia -- sfith-PTHAK
Ache (n.) -- sut
Achlorophobia -- mu'gel-PTHAK
Achromasia -- spoh-wadi-nosh
Acidemia -- pid-sash-nosh
Acidity -- sash'es
Acidosis -- ritsuri-sash-nosh
Acousticophobia -- ralash-PTHAK
Acrophobia -- pidek-PTHAK
Actinomycosis -- halek-talvot-has
Acuity -- zat'es
"Acupria" (Vulcan counterpart to anemia) -- fam-khaf-meil
Addiction -- tessaya
Adduction -- na-dvunel
Adenoid -- za-han-pi'NAFek
Adhesion -- terpaya
Adipose tissue -- thel'upik nalatra
Adrenal gland -- abru-kapol-nafek
Aerate -- sov-tan-tor
Aerobe -- sov-ha-vel
Afebrile -- fam-tau
Agalactia -- fam-thas-nosh
Agglutinin -- vihk-tukh
Agglutinogen -- vihk-tukh-torek
Aging -- shakhuvaya
Agnosia -- fam-naglashaya-nosh
Agoraphobia -- tu'ashal-PTHAK
Agraphia -- fam-kitaya-nosh
Agrizoophobia -- kwai-aushfa-PTHAK
Aichmophobia -- sfek-vel-PTHAK
Air embolism -- sov-mev-klotaya
Air sickness -- hash-has-mar
Airway -- esh-mev
Airway obstruction -- esh-mev-klotaya
Akinesia -- fam-dvunel-nosh
Albinism -- fam-kur-nosh
Albino -- fam-kursu
Albumin -- tesihk
Alcohol -- naliveh
Algophobia -- kusut-PTHAK
Alimentary canal -- skaun-ek'ur
Alkalemia -- pid-sovash-nosh
Alkalosis -- ritsuri-sovash-nosh
Allele -- tol-shid
Allergy -- tehn-folaya
Alogia -- pak t'stariben-kup'es
Alopecia -- isachaya-pak
Alveolus -- esh-nala
Amastia -- fam-thasek-nosh
Amathophobia -- grazhiv-PTHAK
Ambient -- pa-noshik
Ambulatory -- kup-lates-tor
Ambulophobia -- lates-pthak
Amino acid -- sash t'ha-torek
Amniocentesis -- sudef-masu-nisan
Amniotic fluid -- sudef-masu
Amniotic sac -- sudef-masu-sa'haf
Amorphous -- fam-shidik
Amputation -- sanesh
Amychophobia -- thesh-pthak
Amyoplasia -- fam-dvunek-storaya
Amyotrophia -- dvunek-pak-nosh
Anabolism -- torvau-torek
Anaphylactic shock -- pid-folau-kolaya
Ancarophobia -- salan-pthak
Androgen -- dau-tukh t'sa-noshtra
Androphobia -- sasu-pthak
Anemia -- fam-khaf-meil
Anesthesiologist -- kashan-nesu
Anesthetic -- kashan-ne-meil
Aneurysm -- khaf-mev-eikan
Angiologist -- vukhut-mevsu
Angioma -- mev-gnal
Ankle -- mal-nik
Anorchia -- fam-sakal-nosh
Anosmia -- fam-fnish-nosh
Anovulation -- fam-yukaya
Anoxia -- fam-esh-tukh
Antacid -- tehn-sash-meil
Anterior -- khom'arak
Anthrophobia -- sva-pthak
Antibiotic -- tehn-talvot-tukh
Antibody -- fosh-galutravek
Anticoagulant -- tehn-vihk-tukh
Antidote -- tehn-gisam-tukh
Antiemetic -- tehn-slahk-tukh
Antigen -- tehn-vel
Antimycotic -- tehn-luk-tukh
Antipruritic -- tehn-drizh-tukh
Antipyretic -- tehn-tau-tukh
Antiserum -- tehn-has-masu
Antitoxin -- tehn-hasam-tukh
Antitussive -- tehn-hush-tukh
Antivenin -- tehn-ausham-tukh
Antilophobia -- ab rash-pthak
Anuria -- ritsuri-vazhaya-nosh
Anus -- pekh-razh
Apeirophobia -- va'es-pthak
Aphenophosmphobia -- puesthul-pthak
Apnea -- esh-pehkaya-nosh
Appetite -- yeht-avon
Aqueous -- masupik
Areola -- kur-kuv
Arithmophobia -- su'us-pthak
Arm -- kar
Arrest -- pehkaya
Arrhythmia -- ritsuri nel-dath t'khaf-spol
Artery -- uzh-khaf-mev
Artificial heart -- sutorik khaf-spol
Artificial insemination -- sutorik sa-neitaya
Artificial kidney -- sutorik kapol-nafek
Artificial pancreas -- sutorik zalu-nafek
Asthenia -- fam-karik''es-nosh
Astringent --(wadi-)wufkau-tukh
Ataraxis -- kash-hayal' es
Athaigoraphobia -- zhuk-fak-pthak
Atresia -- fam-sharushan-nosh
Atrium -- tv'i-shal
Atychiphobia -- vravshaya-pthak
Auditory canal -- zhu-ur
Auditory center -- zhu-svitan (t'shad)
Auditory nerve -- zhu-wel
Auricle -- si-kalu k
Aurophobia -- kin-tukh-pthak
Automyosphobia -- pukitork-pthak
Autonomic nervous system -- shati-wel-torektra
Autonomic reflex -- shati-tvisek
Avulsion -- sa-tres
Axon -- wel-elakh
Azotemia -- pid-sovu-vok sv'i'khaf
Azoturia -- pid-sovu-vok sv'i'vazh
Azygous -- ri-shifik
Azymia -- fam-zalu-nosh
Baby -- kan-bu
Bacilemnia -- nosh t'fek-talvot sv'i'khaf
Bacillophobia -- pthak t'numo-ha-veller
Bacilluria -- nosh t'fek-talvot sv'i'vazh
Bacillus -- fek-talvot
Back -- pla'dor
Backbone -- plat
Bacteremia -- nosh t'talvot sv'i'khaf
Bacterial -- talvotik
Bactericide -- talvot-stau-tukh
Bacteriophobia -- talvot-pthak
Bacterium -- talvot
Basal ganglia -- nen-weltralar
Bathophobia -- gluder-pthak
Bathycardia -- nosh t'neik-khaf-spol
Beard -- hisahk
Benign -- rigath
Bibliophobia -- dunap-pthak
Bile -- thel'a-zalu-masu
Biliary tract -- thel'a-zalu-ek' ur
Binocular -- dah-bezhunik
Biohazard -- ha-tehvar
Biopsy -- nalatra-nisan
Birth -- keshtan
Birthmark -- keshtan-kur-vel
Bisect -- dah-nesh-tor
Bladder -- vazh-sa'haf
Blastocyst -- tab-nala-dukal
Bleb -- wadi-masu-vihk
Bleeding -- khafaya
Blenophobia -- shuhk-pthak
Blindness -- glan-fam'e
Blisters -- yontau-masu-vihk
Blockage -- klotaya
Blood -- khaf
Blood cell -- khaf-nala
Blood clot -- khaf-vihk
Blood coagulation -- khaf-vihkaya
Blood count -- khaf-tum
Blood donor -- khaf-tansu
"Blood fever" -- plak-tau
Blood flow -- khaf-yumaya
Blood group -- khaf-maat
Blood poisoning -- khaf-gisaman
Blood pressure -- khaf-ne'hish
Blood test -- khaf-nisan
Blood typing -- khaf-vesaya
Blood vessel -- khaf-mev
Body -- vukhut
Boil -- pi'tak
Bolus -- yemtra
Bone -- hinek
Bone cancer -- hinek-rasahtra
Bone marrow -- hinek-masu
Brachialgia -- kar-kusut(-nosh)
Bradycardia -- vohri-threshan-nosh t'kahf-spol
Bradylalia -- vohri-stariben-nosh
Bradypnea -- vohri-threshan-eshan
Brain -- shad (or "shi'nahp", the older term)
"Brain death" -- ek'tevakh
Brain tumor -- shad-gnal
Break (n.) -- shaya
Breast -- thasek
Bronchiole -- p'eshai-mev
Bronchitis -- eshai-mev-yonshaya
Bronchus -- suk'eshai-mev
Bruise (n.) -- wadi-yarek
Bubo -- yonshauk yak-kal
Bucca -- nak
Bundle -- slahtra
Burn (n.) -- yontaya
Buttocks -- pla'krujlar
Cacophobia -- watosh-pthak
Cadaver -- tevikeh
Calcaneus -- timut-hinek
Calcareous -- gavik
Calcification -- hinekaya
Calcitonin -- hinek-dau-tukh
Calculus -- nafek-kov
Calf -- vaukh
Cambium -- tvi-tin t'hinek-nalatra-wein
Cancer -- rasahtra
Canker (sore) -- wuk
Capillary -- pi'khaf-mev
Carbuncle -- pi'taktra
Carcinogen -- rasahtra-torek
Carcinoma -- wein-nala-rasahtra
Cardiac arrest -- khaf-spol-pekaya
Cardiomegaly -- khaf-spol-sukaya
Cardiovascular system -- khaf-ifis-torektra
Carditis -- khaf-spol-yonshaya
Carnophobia -- kahm-ptak
Carotid artery -- uzh-khaf-mev t'talu
Cartilage -- rhinek
Cartilaginification -- rhinekaya
Catabiosis -- tsuri nala-shakhuvala
Catabolism -- tepul-torek
Catalyst -- torai-tukh
Cataract -- bezhun-ripal'shaya
Catarrh -- tvi-votaya t'prash-nala-tin
Catheter -- smashau-mev
Catoptrophobia -- haulat-ptak
Caustic -- yontau-meil
Cavity (body) -- pi'tauk
Cavity (tooth) -- zud-razh
Cell -- nala
Cellulitis -- nalatra-yonshaya
Central nervous system -- nen-wel-torektra
Cephalgia -- patam-kusut
Cerebellum -- dvunek-tash-svitan
Cerebrum -- nahep-tash-svitan
Cervical vertebra -- talu-hinek
Cervix -- sudef-talu
Chaeotophobia -- isachya-ptak
Chamber -- tvi-shal
Cheek -- nak
Chelitis -- bru-yonshaya
Chest -- tuf
Chilblain -- samek-yontaya
Child -- kan
Childbirth -- kan-keshtan
Childhood -- kan-wak
Chiralgia -- el'ru-kusut
Chondroma -- rhinek-gnal
Chondromalacia -- rhinek-mosaya
Chondrosarcoma -- rhinek-rasahtra
Chromosome -- toltra
Chronophobia -- wak-ptak
Cicatrix -- ulidar
Cilia -- nala-isachya
Circulation -- da-kuvaya
Claustrophobia -- ikap-shal-pthak
Clavicle -- dol-hinek
Clot -- vihk
Coagulant -- vihk-tukh
Coccus -- dukal-talvot
Coccygeal vertebra -- harr-hinek
Coccyx -- harr-hinektra (or "tvi-harr")
Coenzyme -- dah-zalu
Colitis -- pekh-mev-yonshaya
Colon -- pekh-mev
Colostomy -- pekh-mev-sharutaya
Coma -- ritevakh
Compound (chemistry) -- meilaktra
Compulsion -- riyeh-taitnun
Concussion -- kwul-kolaya
Condition -- nosh
Connective tissue -- terau-nalatra
Contusion -- wadi-yarek
Convulsion -- mahai
Coprophobia -- pekh-pthak
Cord -- elakh
Corditis -- elakh-yonshaya
Cornea -- bezhun-wadi
Coronary artery -- uzh-khaf-mev t'khaf-spol
Coronary occlusion -- khaf-spol-klotaya
Coronary thrombosis -- vihk-klotaya t'khaf-spol
Corpse -- tevikeh
Corpuscle -- pi'vel
Cortex -- si-wein
Costa -- bak
Coxa -- gaf
Cranial nerve -- patam-wel
Cranium -- patam-hinektra
Cryophobia -- samu-pthak
Cusp -- sfek
Cut (n.) -- nesh
Cymophobia -- pral-pthak
Cyst -- shaf
Cystitis -- vazh-shal-yonshaya
Cytoplasm -- nala-tukh
Damage (n.) -- zakar
Dandruff -- (patam-)wadi-grazhiv
Deafness -- zhu-fam'es
Death -- tevakh
Debility -- fam-karik'es-nosh
Debridement -- skek-nalatra-snem
Decay (n.) -- nehaya
Decortication -- nafek-wein-snem
Defecation -- pekhaya
Deficiency -- fam-nosahp'es
Deformity -- riyeh-shid'es
Dehydration -- nemashaya
Delusion -- plokh
Dendrite -- wel-gel
Dendrophobia -- lap-pthak
Dental caries -- zud-nehaya
Deossification -- hinek-ek'tukh-pak
Deoxyribonucleic acid (DNA) -- sash t'dah-ha-svitan (SDH)
Depilatory -- isachya-snem-meil
Dermabrasion -- wadi-grashaya
Dermal regenerator -- wadi-vaferek
Dermatitis -- wadi-yonshaya
Desquamation -- wadi-foshuhn
Detached retina -- dahli glan-nalatra-tin
Detoxification -- nehasamaya
Development -- storaya
Deviant -- tekerik
Diabetes -- ritsuri-nosh t'slor-dau-tukh
Diagnosis -- nosh-satalaya
Diaphragm -- esh-dvunek
Diarrhea -- masu-pekh(-nosh)
Differential diagnosis -- natya-nosh-satalaya
Differentiation -- natyataya
Diffusion -- sasak
Digestion -- skaun
Digestive tract -- skaun-ek'ur
Digit -- uk
Dilation -- eiksharu
Diplopia -- dah-glan
Dipsophobia -- mon-pthak
Disability -- rikup'es
Discharge (n.) -- khrasaya
Disease -- has
Dislocation -- sashitaya
Dissection -- dahli-neshan
Dizygotic twins -- dahsular s'natya-yu-murlar
Dominant gene -- abru-tol
Dorsiflexion -- pla'vulaya
Dose -- fim
Drainage -- smashaya
Duct -- mev
Dysentery -- pekh-mev-yonshaya
Dysfunction -- ritsuri-is-lof
Dysgraphia -- ritsuri-kitau-nosh
Dyskinesia -- ritsuri-dvun-nosh
Dyslogia -- ritsuri-nahp-nosh
Dysosmia -- ritsuri-finish-nosh
Dyspepsia -- ritsuri-skaun-nosh
Dysphagia -- ritsuri-vinem-nosh
Dysphasia -- ritsuri-stariben-nosh
Dysphonia -- ritsuri-spes-nosh
Dyspnea -- ritsuri-esh-nosh
Dysuria -- ritsuri-vazh-nosh
Ear -- kaluk
Earache -- kaluk-kusut
Eardrum -- zhu-nalatra-tin
Edema -- ritosro-masut-hoknaya
Ejaculation -- khrasaya
Elbow -- kar-nef
Electric(al) burn -- raf-yontaya
Electric(al) shock -- raf-kolaya
Electrolyte -- falun-krus-tukh
Elimination -- masu-snem, tuh-hs-nem
Embolism -- mev-klotaya
Embolsus -- el-klotau-vel
Embryo -- ten-kan-bu
Emollient -- wadi-mosek
Emulsion -- dah-masu
Encephalitis -- sh'nahp-yonshaya
Endarteritis -- yonshaya t'uzh-khaf-mev
Endocarditis -- yonshaya t'vi-tin t'khaf-spol
Endocardium -- t'vi-tin t'khaf-spol
Endocrine gland -- tvi-sau-pi'nafek
Endocrine system -- tiv-sau-torekra
Endometrium -- sudef-tvitaya
Endoscope -- tvi-zan-vel
Endoscopy -- tvi-zanan
Endostium -- tvi-hinek-tvitaya
Enema -- pekh-razh-pun
Energy -- tepul
Enlargement -- sukaya
Enteritis -- pekh-mev-yonshaya
Entomophobia -- ravot-pthak
Enucleation -- ek'krus-snem
Enuresis -- ritash-vazhaya
Enzyme -- zalu
Epicranium -- patam-wadi-tin(lar)
Epidemic -- shal-hs-sak
Epidermis -- si-wadi
Epididymis -- pi'sa-nei-mev
Epiglottis -- vinem-pi'rala
Episciritis -- bezhun-wan-yonshaya
Epistaxis -- han-khafaya
Epithelial cell -- wein-nala
Epithelial tissue -- wein-nalatra
Epithelium -- wein-nala-tin
Erectile tissue -- abru-nalatra
Erection -- abrun
Ergophobia -- ar'kada-pthak, zup-pthak
Ergotism -- has-mar s'gartik-luk
Erosion -- skrashaya
Eructation -- skaun-sa'buf-sovaya
Eschar -- yontaya-net
Esophagus -- yakul-mev
Esotropia -- v'ile-da-nosh t'bezhun(lar)
Estrogen -- ko-dau-tukh
Eunuch -- risakallarsu
Eustachian tube -- kaluk-mev  
Euthanasia -- rom-staya  
Excision -- snesh  
Exfoliation -- wadi-foshuhn  
Exhalation -- s'le-eshan  
Exocrine gland -- si-sau-pi'nafek  
Exostosis -- hinek-vihk  
Exotropia -- s'le-da-nosh t'bezhun(lar)  
Expansion -- sa'ovaya  
Expiration -- s'le-eshan  
Exsanguination -- ek'khataya  
Extension -- sadvun  
Extensor (muscle) -- sadvunek  
External -- s'udish  
Extrirpation -- ek'snesh  
Extraction -- saseshaya  
Extremity -- si-vukhut-krus  
Extravasation -- si-mev-tasaya  
Exudation -- stan  
Eye -- bezhun  
Eyebrow -- bezhun-zehl  
Eyelash -- bezhun-isachya  
Eyelid, Inner -- tvi-bezhun-wein  
Eyelid, Outer -- si-bezhun-wein  
Face -- limuk  
Fascicle -- pi'slahtra  
Fat (n.) -- thel'a  
Fat metabolism -- thel'a-di'kish-torek  
Fatigue -- zung  
Fatty acid -- thel'a-sash  
Febrile -- taulik  
Fecalith -- pekh-kov  
Feces -- pekh  
Fecund -- brashik  
Feeling (n.) -- olaya  
Female (adj.) -- kotik  
Female (n.) -- ko  
Femoral artery -- uzh-khaf-mev t'abru-mal  
Femoral nerve -- nen-wel t'abru-mal  
Femur -- abru-mal-hinek  
Fenestra -- krani  
Fenestration -- krani-sharushan  
Fertile -- kanashik  
Fertility -- kanash'es  
Fertilize -- vikantau  
Fertilization -- vikantaya  
Fester -- vugau  
Fetus -- tvi-kan-bu  
Fever -- tau  
Fiber -- slah  
Fibroid tumor -- slah-gnal  
Fibrous -- slahtik  
Fibula -- vaukh-hinek
Filiform -- (og-)elakh-shidik
Filtration -- kapol-toraya
Finger -- ozh
Fission -- nala-dahshaya
Fist -- ozh-dukal
Flaccid -- nemosik
Flagellum -- dvunel-piharr
Flap -- pilala
Flatfoot -- pa'ash'ya (contraction of pa'ash-ash'ya)
Flesh -- kahmtra
Flexion -- tedvun
Flexor (muscle) -- tedvunek
Flutter (n.) -- nuv
Fold (n.) -- heshan
Folic acid -- khub-sash
Follicle -- pilaf
Foot -- ash'ya
Foramen -- sharu
Forearm -- ne-kar
Forebrain -- fa-shi'nahp
Forehead -- fa-patam
Fovea -- pilazh
Fracture (n.) -- shaya
Fraternal twins -- dahsular s'natya-yu-murlar
Freckle -- pilkur-shal
Frostbite -- le-suma-ylontaya
Fructose -- savas-slur-tukh
Fundus -- nafek-nen
Furuncle -- pilatak
Fusiform -- magu-shidik
Fusion -- nala-kaunshaya
Gall -- thel'a-zalu-masu
Gall bladder -- thel'a-zalu-nafek
Gamete -- vinik guv-nala
Gametocyte -- rivinik guv-nala
Gametogenesis -- guv-nala-storaya
Gamophobia -- kun-ut-phaltak
Ganglion, Nerve -- weltra
Gangrene -- nalatra-yem-tevakh
Gas -- pa-tukh
Gas gangrene -- nalatra-yem-tevakh k'pa-tukh
Gastrectomy -- skaun-sa'haf-snem
Gastric -- skaun-sa'hafik
Gastric gland -- skaun-sa'haf-pilnafek
Gastric juice -- skaun-sa'haf-masu
Gastric lavage -- skaun-sa'haf-pun
Gastric ulcer -- skaun-sa'haf-razhen
Gastrin -- dau-tukh t'skaun-sa'haf
Gastritis -- skaun-sa'haf-yonshaya
Gastroenteritis -- yonshaya t'neik-skaun-ek'ur
Gastroesophageal reflux -- pla'yumaya t'skaun-sa'haf-tuhllar
Gastrointestinal tract -- neik-skaun-ek'ur
Gavage -- mev-yeman
Gender -- guv
Gender identity -- guv-sha'es
Gene -- tol
General anesthesia -- ek'kashan-ne-meil
Genetic -- tolik
Genetic disease -- tolik has
Genetic engineering -- tol-mish-tal
Genetic marker -- tolik ulidek
Genitalia, External -- si-guv-kruslar
Genome -- tol-var
Genotype -- tol-ves
Germ -- talvot
Germ cell - guv-nala
Gestation -- sudef-wak
Gingiva -- zud-nalatra
Gingivitis -- zud-nalatra-yonshaya
Gland -- pi'nafek
Glaucoma -- bezhun-ne'hish-nosh
Glossalgia -- lahv-kusut
Glossitis -- lahv-yonshaya
Glottis -- spes-vel
Glucose -- nen-slor-tukh
Glucosuria -- ritsuri-nosh t'nen-slor-tukh svi'vazh
Gluteus -- pla'krus-dvunek
Glycosuria -- pid-nosh t'slor-tukh svi'vazh
Gonad -- guv-nafek
Gonadotropin -- dau-tukh t'guv-nafek
Gray matter -- zhai-nalatra
Greenstick fracture -- treshaya (or "treshau-shaya")
Groin -- neikah
Gross anatomy -- nen-vukhut-tal
Growth -- to'ovaya
Growth hormone -- to'ovau-dau-tukh
Gubernaculum -- pihlora-vel
Gullet -- yakul-mev
Gums (mouth) -- zud-wadi
Gynecologist -- ko-hassu
Habit(s) -- es'merka
Hair (single strand) -- isach
Hair (multiple) -- isachya
Hair follicle -- isach-kal
Hallux -- wuh'rak gof
Hand -- el'ru
Head -- patam
Headache -- patam-kusut
Healing -- hakaya
Health -- muhl'es
Hearing -- zhu
Heart -- khaf-spol
Heart attack -- khaf-spol-mahai
Heart chamber -- tvi-shal t'khaf-spol
Heart failure -- khaf-spol-vravshaya
Heart rate -- khaf-spol-tav
Heart valve -- khaf-spol-spunek
Heartbeat (rhythm) -- nel-dath t'khaf-spol
Heartburn -- skaun-yon
Heel -- timut
Hemangioma -- khaf-mev-gnal
Hematoma -- khaf-yarek
Hematuria -- vazh-khaf-nosh
Hemoglobin -- khaf-esh-meil
Hemolytic anemia -- ritesuri-nehaya-nosh t'khaf-meil
Hemophilia -- ritesuri-vihk-nosh
Hemorrhage -- khafaya
Hemostasis -- khafau-pehkaya
Hepatitis -- nehasamek-yonshaya
Hepatoma -- nehasamek-gnal
Hereditary -- samekhik
Hernia -- faka
Hiatus -- sharu
Hiccup (n,) -- huhk
Hip -- gaf
Hirsutism -- isach'es-nosh
Hormone -- dau-tukh
Horripilation -- isachya-shen
Humerus -- abru-kar-hinek
Hyaline cartilage -- nen-rihinek
Hydremia -- ritesuri-pid-tavat t'khaf-masu
Hydrocephalus -- ritesuri-masu-sa'ovaya t'kapol-nafek
Hydrophobia -- masu-ptidak
Hyoid bone -- lahv-hinek
Hyperbaric chamber -- tvi-shal t'pid-sov-ne'hish
Hypercalcemia -- (ritesuri-)%pid-nosh t'hinek-tukh svi'khaf
Hypercalciuria -- ritesuri-pid-nosh t'hinek-tukh svi'vazh
Hypercapnia -- pid-nosh t'dah-eshu t'nol-tukh svi'khaf
Hyperemia -- pid-shal-khaf
Hyperglycemia -- pid-nosh t'khaf-slor-tukh
Hyperkalemia -- (ritesuri-)%pid-nosh t'spoh-tukh svi'khaf
Hypernatremia -- (ritesuri-)%pid-nosh t'alem-tukh svi'khaf
Hypernea -- sahris-eshan
Hyperopia -- za-thakau-nosh
Hyperpigmentation -- ritesuri-pid-nosh t'wadi-kur
Hyperplasia -- pid-krus-storaya
Hyperpyrexia -- ritesuri-pid-nosh t'vukhut-falek'es
Hypertension -- pid-khaf-ne'hish
Hypertrophy -- krus-sukaya
Hyperventilation -- nuh'mau-eshan
Hypocalcemia -- (ritesuri-)neik-nosh t'hinek-tukh svi'khaf
Hypocapnia -- neik-nosh t'dah-eshu t'nol-tukh svi'khaf
Hypoglossal nerve -- vinem-lahv-wel
Hypoglycemia -- neik-nosh t'khaf-slor-tukh
Hypokalemia -- (ritesuri-)neik-nosh t'spoh-tukh svi'khaf
Hyponatremia -- (ritesuri-)neik-nosh t'alem-tukh svi'khaf
Hypopigmentation -- ritesuri-neik-nosh t'wadi-kur
Hypoplasia -- neik-krus-storaya
Hypospray -- pa-vipohtek
Hypotension -- neik-khaf-ne’hish
Hypothalamus -- is-lof-svitan
Hypoxia -- nhu-neik-esh-tukh svi’khaf
Hysterectomy -- sudef-snem
Ictus -- mahai
Identical twins -- dahsular s’ka-yu-mur
Identity -- sha’es
Iliac artery -- uzh-khaf-mev t’neik-vukhut
Iliac vein -- os-khaf-mev t’neik-vukhut
Immature (development) -- rivinik
Immune -- tefoshik
Immune response -- tefosh-kesaya
Immune system -- tefosh-torektra
Immunity -- tefosh’es
Implant (n.) -- vishitaya
Implant (v.) -- vishitau
Impregnate -- viyatau
In situ -- tvi-shitik
In utero -- tvi-sudefik
In vitro -- saha-velik
In vivo -- tvi-ha-velik
Incision -- nesh
Indolent -- vohris-storaya
Induration -- lerashaya
Infant -- kan-bu
Infarction -- tev-nalatra-storaya
Infection -- vivotaya
Infertile -- rikanashik
Inflammation -- yonshaya
Infusion -- vismashaya
Inguinal hernia -- neikah-faka
Inhalation -- vi’le-eshan
Inherent -- tvi-keshik
Injection -- vihikshaya
Injury -- dash
Inner ear -- tvi-kaluk
Inoculation -- vi-kasaya
Inoculum -- vi-kas
Inspiration -- vi’le-eshan
Insemination -- sa-neitaya
Insulin -- slor-dau-tukh
Integumentary system -- ek’wadi-torektra
Internal -- svi’udish
Internal injury -- tvia-dash
Internal organs -- tvi-nafeklar
Interstice -- tvi-stukh
Intestine -- pekh-mev
Intraosseous -- vihinekik
Intravasation -- vimevaya
Intravenous -- viosik
Involuntary -- shatipik
Iridocleus -- kurak-puv
Iridotomy -- kurak-sharushan
Iris -- kurak
Iritis -- kurak-yonshaya
Itch (n.) -- drizh
Itching -- drizhan
Jaundice -- kur-nosh t'ehle'zalu-masu svi'khaf
Jaw -- ahs
Joint -- lesek
Juice -- samsasu
Jugular vein -- os-khaf-mev t'talu
Kalemia -- spo-h-tukh svi'khaf
Karyokinesis -- nala-dahsaya
Karyolymph -- nala-svitan-masu
Karyolysis -- nala-svitan-nehaya
Karyon -- nala-svitan
Karyotype -- tolra-besan
Keratalgia -- bezhun-wadi-kusut
Keratin -- si-ketek
Keratitis -- bezhun-wadi-yonshaya
Keratoderma -- ston-n-wadi
Keratopathy -- bezhun-wadi-has
Keratohexis -- bezhun-wadi-tres
Ketoacidosis -- nalesh-sash-nosh
Ketone -- nalesh(-tukh)
Ketone body -- nalesh-vel
Ketonemia -- ritsuri-pid-nosh t'nalesh-vellar svi'khaf
Ketonuria -- ritsuri-pid-nosh t'nalesh-vellar svi'vazh
Ketosis -- pid-nalesh-nosh
Kidney -- kopol-nafek
Kinetosis -- dvunel-has-mar
Knee -- mal-nef
Knee joint -- mal-nef-lesek
Kneecap -- mal-nef-hinek
Knuckle -- ozh-lesek
Kwashiorkor -- fam-ketek-has
Kyphosis -- tchorka-pla'dor(-nosh)
Laceration -- nesh
Lacrimal duct -- bezhun-masu-mev
Lacrimal gland -- bezhun-masu-pi'nafek
Lacrimal sac -- bezhun-masu-sa'haf
Lacrimation -- bezhun-mashaya
Lactase -- thas-skaun-zalu
Lactation -- thasa
Lactiferous duct -- thas-mev
Lactose -- thas-slor-tukh
Laparocle -- feshek-faka
Laparoscope -- feshek-zan-vel
Laparotomy -- feshek-sharushan
Laryngitis -- shi'spes-yonshaya
Laryngopharynx -- neik-drahek
Larynx -- shi'spes
Leg -- mal
Lens, Eye -- gelek
Lesion -- sval
Leukocyte -- wan-khaf-nala
Leukoplakia -- wan-shal-bosh t'nal-a-tin
Leukotrichia -- wan-isachya-bosh
Levator -- ashenek
Ligament -- hinek-ter SAYEK
Limb -- sikrus
Limbic system -- zherka-toRektra
Lip -- bru
Lipemia -- pid-the'l'a-nosh svi'khaf
Lipoma -- the'lu pik gнал
Lipoprotein -- the'l'a-keRek
Liposarcoma -- the'l'a-nala-rasahtra
Lithiasis -- nafek-kov-torvaya
Lithuresis -- kov-vazhaya
Liver -- nehasamek, nehasamau-nafek
Lobe -- shal-kal
Lumbago -- ne-pla'dor-kusut
Lumbar nerve -- ne-pla'dor-wel
Lumbar vertebra -- ne-pla'dor-hinek
Lump -- vihk
Lung -- eshaf (contraction of "esh-sa'haf")
Lymph -- yak(-masu)
Lymph node -- yak-kal
Lymph vessel -- yak-mev
Lymphangioma -- yak-mev-gнал
Lymphoblast -- riviNik yak-nala
Lymphocyte -- yak-nala
Lymphoma -- yak-gнал
Lymphopoiesis -- yak-torvaya
Lysosome -- skaun-pli'vel
Macrophage -- suk'yoKul-nala
Mala -- nak-hinek
Male (adj.) -- satik
Male (n.) -- sa
Malignant -- tevrasahkos
Mammary gland -- thas-pi'nafek
Mandible -- neik-ahs(-hinek)
Maturation -- vin
Maturity -- vin'les
Maxilla -- abru-ahs(-hinek)
Meatus -- ur
Medication -- haseret
Medulla oblongata -- is-lof-svitan
Meiosis -- ulef-nala-dahsaya
Melanin -- mu-kur-tukh
Melanocyte -- mu-kur-nala
Melanoma -- wadi-rasahtra t'mu-kur-nalalar
Membrane -- nala-tin
Memory -- vokaya
Metabolism -- di'kish-torek
Metacarpus -- svitan-el'ru-hinek
Metatarsus -- svitan-ash'ya-hinek
Metroptosis -- sudef-set
Microorganism -- numo-ha-vel
Microsurgery -- numo-sharushan
Middle ear -- svitan-kaluk
Milk -- thas
Mitochondrion -- nala-tepul-vel
Mitosis -- ek'nala-dahsaya
Molar -- nal-zud
Monozygotic twins -- dahsular s'ka-yu-mur
Morula -- ten-nala-dukal
Motion -- dvunel
Mouth -- ru'lut
Movement -- dvun
Mucous membrane -- prash-nala-tin
Mucus -- prash
Muscle -- dvunek
Myalgia -- dvunek-kusut
Myocardial infarction -- shal-tevakh t'khasp-pol-dvunek
Myocardium -- svitan-tin t'khasp-pol
Myoglobin -- dvunek-esh-mei
Myonecrosis -- dvunek-nala-tevakh
Myopia -- fa-thakau-nosh
Myosarcoma -- dvunek-rasahtra
Myositis -- dvunek-yonshaya
Nail -- felu
Nares, Anterior -- han-sharular
Nasal cavity -- han-tauk
Nasal septum -- han-temok
Nasal sinus -- han-pi'tauk
Nasolacrimal duct -- han-bezhun-mev
Nasopharynx -- han-drahk
Nates -- pla'ruslar
Nausea -- slakh
Navel -- kesazh
Neck -- talu
Necrosis -- nalatra-tevakh
Neonatal -- uzh-keshtik
Neonate -- Uzh-keshtu
Neoplasia -- uzh-rasahtra
Nephralgia -- kapol-nafek-kusut
Nephritis -- kapol-nafek-yonshaya
Nephrolith -- kapol-nafek-kov
Nerve -- wel
Neural transponder -- wel-vavayek
Neuralgia -- wel-kusut
Neuritis -- wel-yonshaya
Neuroepithelium -- wel-wein-nalatra
Neurogenesis -- wel-storaya
Neurohormone -- wel-dau-tukh
Neurohumor -- wel-nala-meil
Neurotransmitter -- wel-saysay
Neuron -- wel-nala
Neurotoxin -- wel-hsam
Neurotransmitter -- wel-sasau-meil
Nevus -- kesh-kuraya
Newborn (child) -- Uzh-keshtu
Nidation -- yu-mur-vishitaya
Night blindness -- mu'gel-glan-fam'es
Nightmare -- yuk-eshu'a
Nipple -- thasek-gonaf
Nocturia -- yuk-vazhaya
Node -- kal
Normotension -- tsuri-khaf-ne'hish
Nose -- han
Nosebleed -- han-khafaya
Nostrils -- han-sharular
Notochord -- fu-pla'vinek-zehl
Nucha -- talu-pla'dor
Numbness -- rikashan'les
Nutrient -- yem-tanek
Nyctalopia -- mu'gel-glan-fam'es
Nyctophobia -- mu'yor-pthak
Nycturia -- yuk-vazhaya
Nymphomania -- riko-guv-aitlun
Obese -- thel'anik
Obesity -- thel'an'ees
Obsession -- ritsuri-wuh-set'ko
Obstetrician -- ko-kesh-hassu
Obstruction -- klotaya
Occipital bone -- patam-pla'dor-hinek
Occiput -- patam-pla'dor
Occupational disease -- ar'kada-has
Oculomotor nerve -- bezhun-dvun-wel
Oculus -- bezhun
Oculus dexter (OD) -- gas-bezhun
Oculus sinister (OS) -- los-bezhun
Odontalgia -- zud-kusut
Odontiasis -- zudaya
Odor -- vil
Odynophagia -- yontau-vinem-kusut
Ointment -- elmuvak
Olfaction -- fnish-kash-ral
Olfactory center -- fnish-svitan
Olfactory nerve -- fnish-wel
Oligodactyly -- ten-uklar-nosh
Oligodipsia -- ten-mag-nosh
Oligodontia -- ten-zudlar-nosh
Oliguria -- ten-vazh-torvaya
Omphalus -- kesazh
Onycholysis -- felu-dahshaya
Onychosis -- felu-has
Onyx -- tvi-felu(-nosh)
Oogenesis -- yu-mur-storaya
Oophorectomy -- yukal-snem
Oophoritis -- yukal-yonshaya
Oozing -- stan
Opening -- sharu
Ophthalmectomy -- bezhun-snen
Ophthalmoplegia -- bezhun-shivaya
Ophthalmoscope -- bezhun-zan-vel
Opsonin -- keful-tukh
Opsonization -- kefulaya
Optic nerve -- glan-wel
Orbit -- bezhun-razh
Orchialgia -- sakal-kusut
Orchidectomy -- sakal-snen
Orchidoptosis -- neik-sakal-nosh
Orchiopexy -- sakal-ne-sharushan
Orchis -- sakal
Orchitis -- sakal-yonshaya
Orexigenic -- yeht-avon-ashenauk
Organ -- nafek
Orifice -- sharu
Oropharynx -- ru’lut-drahk
Orthopnea -- abruven-esh-nosh
Orthostatic -- yeht-lamanik
Os -- hinek
Oschecele -- sakal-haf-puv
Osculum -- pi’sharu
Osseous -- hinekik
Ossicle -- pi’hinek
Ossification -- hinekaya
Osteitis -- hinek-yonshaya
Osteoblast -- hinek-storau-nala
Osteocampsia -- hinek-vulau-nosh
Osteochondroma -- hinek-rihinek-gnal
Osteocyte -- hinek-nala
Osteolysis -- hinek-vashau-nosh
Osteoma -- hinek-gnal
Osteopetrosis -- kinke-kov-nosh
Osteoporosis -- hinek-pak-nosh
Osteoregenerator -- hinek-vaferek
Osteosarcoma -- hinek-rasahtra
Osteosclerosis -- hinek-ihin-nosh
Ostium -- sharu
Ostomy -- sharutaya
Otalgia -- kaluk-kusut
Otitis -- kaluk-yonshaya
Otorrhea -- kaluk-kh rasaya
Otosclerosis -- tvi-kaluk-hinekaya
Otoscope -- kaluk-zan-vel
Ovarian cancer -- yukaI-rasahtra
Ovarian cyst -- yukaI-masu-haf
Overectomy -- yukaI-snen
Ovary -- yukaI
Oviduct -- yu-mur-mev
Ovotestis -- on-guv-nafek
Ovulation -- yukaya
Ovum -- yu-mur
Oxygenation -- esh-tukhaya
Oxyopia -- maut-zat-glan
Pachycheilia -- bali-bru-nosh
Pachyderma -- bali-wadi-nosh
Pain -- kusut
Palate -- ru'lut-kamu
Palilalia -- zhit-ashiv-nosh
Palliative -- vasek
Pallor -- ritsuri-spo'h'es
Palm -- ku
Pancarditis -- ek'khaf-spol-yonshaya
Pancreas -- zalu-nafek
Pancreatectomy -- zalu-nafek-snem
Pancreatic duct -- zalu-nafek-mev
Pancreatic juice -- zalu-nafek-masu
Pancreatitis -- zalu-nafek-yonshaya
Pandemic -- suk'shal-has-sak
Pandiculation -- luvalu-sakaday
Panhysterectomy -- ek'sudef-snem
Panic (n.) -- pahth
Paracentesis -- snem-masu-nisan
Paralysis -- shivaya
Parametritis -- pa-sudef-yonshaya
Paranoia -- ek'pa-pthak
Paraparesis -- on-mal-kobat'es
Paraplegia -- dah-shivaya
Parenchyma -- nafek-is-krus
Paresis -- ul-shivaya
Parturition -- keshtan
Passive -- ritorupik
Patella -- mal-nef-hinek
Patellar reflex -- mal-nef-tvisek
Patient -- hasausu
Pectinate -- dref-shidik
Pelage -- ek'isachya
Pelvis -- dafel
Penis -- lok
Perforation -- tilaya
Perilymph -- kaluk-yak
Periosteum -- hinek-nalatra-wein
Periostitis -- yonshaya t'hinek-nalatra-wein
Peristalsis -- mev-spal-dvun
Peritoneum -- feshek-nalatra-tin
Peritonitis -- yonshaya t'feshek-nalatra-tin
Personality -- nafu'es
Pes -- ash'ya
Phagocyte -- yokul-nala
Phalanges -- uk-hinekler
Phalloncus -- lok-gnal
Phallus -- lok
Pharyngitis -- drahk-yonshaya
Pharyngodynia -- drahk-kusut
Pharynx -- drahk
Phlebangioma -- puv-haf t'os-khaf-mev
Phlebectomy -- snem t'os-khaf-mev
Phlebitis -- yonshaya t'os-khaf-mev
Phlebotomy -- tu'asha t'os-khaf-mev
Phlegm -- esh-prash
Photalgia -- ugel'es-bezhun-kusut
Phrenic nerve -- esh-dvunek-wel
Physician -- hassu
Pica -- riym-yokul-nosh
Pigment -- kurek
Pilosis -- pid-storau-nosh t'isachya
Pilus -- isach
Pineal gland -- sofar-pi'nafek
Pinna -- si-kaluk
Pituitary gland -- dau-tukh-pi'nafek
Placebo -- katak
Placebo effect -- katak-daya
Placenta -- flutash
Plantar reflex -- lad-tvisek
Plasma -- bosh-khaf-masu
Plasma cell -- khaf-masu-nala
Plasma protein -- khaf-masu-ketek
Plasmacytoma -- rasahrta t'khaf-masu-nalar
Platelet -- vihk-nala
Plethora -- masu-mau-tan
Pleura -- tuf-nala-tin
Pleurisy -- yonshaya t'tuf-nala-tin
Plica -- (nalatra-)heshan
Pneumonectomy -- eshaf-snom
Pneumonia -- eshaf-yonshaya
Poison -- gisam
Pons -- mesut
Pore -- wadi-sharu
Postmature infant -- tab-kan-bu
Postoperative -- po-sharushanik
Postpartum -- po-keshtaik
Prasema (Vulcan "erythema") -- wadi-yar'es s'pi'khaf-mev-eikan
Praseoblast (Vulcan "erythroblast") -- rivinik khaf-nala
Praseocyte ("green blood cell") -- nen-khaf-nala
Praseoderma -- (Vulcan "erythroderma") -- wadi-yar'es-nosh
Praseopenia (Vulcan "erythropenia") -- fam-nosah'pes t'n'en-khaf-nalar
Praseopoiesis -- (Vulcan "erythropoiesis") -- torvaya t'n'en-khaf-nalar
Precancerous -- fe-rasahrtauik
Precocious -- ten-storauk
Pregnancy -- k'kan'es
Pregnant -- k'kan
Premature -- fe-wakik
Premature ejaculation -- ten-khrasaya
Premature infant -- ten-kan-bu
Prenatal -- fe-keshtaik
Preoperative -- fe-sharushanik
Preprandial -- fe-yemik
Prepuberty -- fe-vin-storaya
Pressure -- ne'hish
Pressure point -- ne'hish-sfek
Priapism -- kwon-abrun-nosh
Proctitis -- pekh-vat-yonshaya
Proctoscope -- (tvi-)zan-vel t'pekh-vat
Progeria -- ten-shakhuvau-nosh
Prolapse -- nafek-set
Prostate -- pi'nafek t'sa-nei-masu
Protein -- ketek
Pruritis -- drizhaya
Puberty -- vin-storaya
Pudendum -- si-guv-krus
Pulmonary artery -- eshik vi-khaf-mev
Pulmonary edema -- ritsuri-masu-hoknaya t'eshaf
Pulmonary embolism -- eshaf-mev-klotaya
Pulmonary vein -- eshik sa-khaf-mev
Pulsation -- gaya
Pulse -- khaf-spol-gaya
Pupil -- glan-sharu
Pupillary reflex -- glan-sharu-tvisek
Pus -- kuhku
Pustule -- kuhku-kad
Pyemia -- kuhku-khaf-gisaman
Pyrophobia -- yon-pthak
Pyrosis -- skaun-yon
Quadriplegia -- keh-shivaya
Quadruplet -- t'kehsu
Quintuplet -- t'kausu
Radiation sickness -- saya-has-mar
Radicle -- wel-gir
Radiculitis -- wel-gir-yonshaya
Radius (bone) -- sik ne-kar-hinek
Range of motion -- dvunel-eik'es
Raphe -- fenul
Rash -- kuriht
Recessive gene -- za-tol
Rectum -- pekh-vat
Reflex -- tvisek
Reflux -- (ritsuri-)pl'a'yumaya
Regulatory gene -- pakhartau-tol
Reproduction -- kanashivaya
Resection -- krus-snem
Respiration -- pa'kizh
Respiratory arrest -- pa'kizh-pekhaya
Respiratory failure -- pa'kizh-vravshaya
Respiratory rate -- pa'kizh-tav
Respiratory tract -- pa'kizh-ek'ur
Reticulum -- vistra
Retina -- glan-nalatra-tin
Retinitis -- glan-nalatra-yonshaya
Rhinitis -- han-yonshaya
Rhinorrhea -- han-yumaya
Rib -- bak
Saccule -- pi'sa'haf
Sacral vertebra -- pla'krus-hinek
Saliva -- ru'lut-masu
Salivary gland -- ru'lut-masu-p'i'nafek
Salpinx -- mev
Salt depletion -- alem-sis
Sarcoid -- kahmtraik
Sarcoma -- kahm-rasahtra
Satyriasis -- risa-guv-aitlun
Scab -- net
Scalp -- patam-ek'wadi
Scapula -- tipan-hinek
Scar -- ulidar
Sciatic nerve -- nen-mal-wel
Sclera -- bezhun-wan
Sclerosis -- lerash-nalatra-nosh
Scrotum -- sakal-sa'haf
Sebaceous cyst -- wadi-thel'asu-shaf
Sebaceous gland -- wadi-thel'asu-p'i'nafek
Sebum -- wadi-thel'asu
Seizure -- mahai
Semen -- sa-nei-masu
Seminal vesicle -- p'i'nafek t'sa-nei-masu
Seminiferous tubule -- sa-nei-p'i'mev
Sensation -- kashan
Sense -- kash-ral
Sensory nerve -- kash-ral-wel
Septicemia -- khaf-gisaman
Serum -- nen-khaf-masu
Sesamoid bone -- mal-nef-hinek
Sex (gender) -- guv
Sex chromosome -- guv-toltra
Sex hormone -- guv-dau-tukh
Sexual -- guvik
Shin -- ne-mal
Shin bone -- ne-mal-hinek
Shock (n.) -- kolaya
Short -- pen
Shoulder blade -- tipan-hinek
Sickness -- has-mar
Sight -- glan
Sinew -- dvunek-tersayek
Skeletal muscle -- hinik-(teraya-)dvunek
Skeleton -- hinik-teraya
Skin -- wadi
Skin cancer -- wadi-rasahtra
Skull -- grat
Smooth muscle -- shati-dvunek
Sneeze (n.) -- uhfuk
Sole (foot) -- lad
Somatic cell -- vukhut-nala
Sore (n.) -- sival
Spermatogenesis -- sa-nei-storaya
Spermatozoon -- sa-nei
Spinal canal -- plat-ur
Spinal column -- plat
Spinal cord -- plat-wel-elakh
Spinal nerve -- plat-wel
Spine -- plat
Spleen -- khaf-nafek
Splenectomy -- khaf-nafek-snem
Splenitis -- khaf-nafek-yonshaya
Sprain (n.) -- nauk
Stance -- laman
Stenosis -- ritsuri-wonilaun
Sternum -- tuf-hinek
Stimulant -- kastorilayek
Stimulus -- kastoran
Stoma -- skonn-sharu
Stomach, First -- wuh'ra ksaun-sa'haf
Stomach, Second -- dah'ra ksaun-sa'haf
Strabisimus -- rizehlik bezhun-nosh
Strain (n.) -- his
Stratum -- tin
Stress (n.) -- hishel
Triated muscle -- slah-dvunek
Stricture -- mev-wonilaun
Stroke (n.) -- shad-kisheya
Subcutaneous -- ne-wadlyik
Surgeon -- sharushu
Surgery -- sharushan
Suture (material) -- terog-elakh
Suture (seam) -- fenul
Suture (stitch) -- terog
Suture (v.) -- terog-tor
Swelling (n.) -- puv
Syndrome -- kath-vuk
Synovial fluid -- lesek-masu
Synovial joint -- el-lesek
Synovial membrane -- nalatra-tin t'el-lesek
Syringe -- vipohtek
System -- torektra
Systemic -- ek'vukhutik
Tachycardia -- sahri-threshan-nosh t'khaf-spol-tav
Tachypnea -- sahri-threshan-eshan
Tail (n.) -- harr
Tall -- ha-vol
Talus -- mal-nik-hinek
Tarsal gland -- bezhun-wein-pi'nafek
Taste -- zahvan
Taste bud -- zahvek
Tear(s) -- bezhun-masu
Tear duct -- bezhun-masu-mev
Teething -- zudaya
Telepathy -- kwi-kashtan
Temperature -- falek'es
Tendon -- dvunek-tersayek
Tendonitis -- dvunek-tersayek-yonshaya
Tenodynia -- dvunek-tersayek-kusat
Testicular cancer -- sakal-rasahtra
Testis -- sakal
Testosterone -- sa-dau-tukh
Thalamus -- zhaitra
Thelarche -- thasek-storau-palikaya
Therapy -- ben-gun
Thermalgesia -- safalek-kusat(-nosh)
Thigh -- abru-mal
Thirst -- mag
Thoracic medicine -- tuf-has-tal
Thoracic nerve -- tuf-wel
Thoracic vertebra -- tuf-hinek (or "abru-pla'dor-hinek")
Thoracocentesis -- tuf-masu-nisan
Thorax -- tuf
Throat -- drahk
Throb(bing) -- gaya
Thrombectomy -- khaf-vihk-snem
Thrombocyte -- vihk-nala
Thrombocytopenia -- fam-nosh t'vihk-nalalar
Thrombocytosis -- wehk-nosh t'vihk-nalalar
Thrombus -- shi-klotau-vel
Thymus -- tuf-pl'nafek
Thyroid gland -- drahk-pl'nafek
Tibia -- ne-mal-hinek
Tinnitus -- kaluk-kusan
Tissue -- nalatra
Toe -- gof
Tongue -- lahv
Tooth -- zud
Toxin -- hasam
Trachea -- esh-mev
Tracheotomy/Tracheostomy -- esh-mev-tu'ashan
Tract -- ek'ur
Transfusion -- khaf-vitanan
Transplant (n.) -- va'prahik krus
Transplant (v.) -- va'prah (krus)
Trauma -- khreya
Triplet -- t'rehsu
Tumor -- gnal
Twin -- t'dahsu
Tympanic membrane -- zhu-nalatra-tin
Ulcer -- razhen
Ulemorrhagia -- zud-wadi-khafaya
Ulitis -- zud-wadi-yonshaya
Ulna -- tvik ne-kar-hinek
Umbilical cord -- tersau-elakh
Umbilicus -- kesazh
Uction -- elmuvak
Unguis -- felu
Ureter -- kapol-nafek-mev
Urethra -- vazh-mev
Urethritis -- vazh-mev-yonshaya
Urethraphaxis -- vazh-mev-klotaya
Urinate -- vazhau
Urination -- vazhaya
Urine -- vazh
Urodynia -- vazhau-kusut(-nosh)
Uterus -- sudef
Vaccinate -- ro-kasau
Vaccination -- ro-kasaya
Vaccine -- ro-kas
Vagina -- keshtan-ur
Vaginitis -- keshtan-ur-yonshaya
Valve -- spunek
Vas deferens -- suk'sa-nei-mev
Vascular -- khaf-mevik
Vasculitis -- khaf-mev-yonshaya
Vein -- os-khaf-mev
Venom -- uksam
Vertebra -- plat-hinek
Vertebral column -- plat
Vessel -- mev
Vocal cord -- spesek
Voluntary -- toripik
Voluntary muscle -- tash-dvunek
Vulva -- kotik si-guv-kruslar
Waist -- san
Wart -- gakh
Weakness -- kobat' es
Whole blood -- ek'khaf
Wound -- skek
Wrist -- kar-nik
Yawning -- luvaya
Zoophobia -- aushfa-pthak
Zygomatic bone -- nak-hinek
Zygote -- sto-yu-mur
Biology, Botany & Zoology
Ha-tal -- Kastik-tal heh Aushfa-tal

The plant and animal life of Vulcan (T'Khasi) is not nearly as diverse as that of many other Class M planets because of the severe environmental conditions on the planet. This does not mean the planet is a barren desert, despite that erroneous belief by many Federation citizens. Especially in the polar regions and around scattered sources of water, including several mid-latitude seas, life forms are quite plentiful. Only in the vast deserts and volcanic regions is life relatively scarce, and even there life has found a way to adapt and survive. In the future, we will add more information on some of the plant and animal life on the planet T'Khasi.

A few examples of Vulcan animal life:

Aluk -- fish (the general term)
Dzharel -- "jarel", a pony-like horned animal
Haurok -- a type of bird
Hayalit -- a small burrowing animal
K'nurt -- a rabbit-like rodent
Kenel -- an extinct horse-like animal
Krin-tu -- "krinti", an extinct wolf-like animal
Kushel -- bird (the general term)
Lanka-gar -- "la-nka'gar", a nocturnal predatory bird
Lara -- a desert bird
Le-matya -- a large, venomous desert predator
Mor-gril -- a wolverine-like animal
Nor-sehat -- "norsehat", larger, predatory sehat relative
Oluk -- snake (the general term)
Ravot -- insect (the general term)
Ron-tu -- an extinct dog-like animal, was domesticated as a pet
Sehat -- a bear-like animal, often domesticated as a pet
Shavokh -- a large vulture-like bird
Starok -- a bat-like animal
Tchakarya -- "ch'karya", a small, ferret-like predator
Tchorka -- "chorka", an extinct camel-like animal
Teresh-kah -- "te-resh-kah", the Vulcan "silver-bird"
Ukraluk -- reptile (the general term)
Valt -- a burrowing animal
Vralt -- an animal similar to a mountain goat

A few examples of Vulcan plant life:

Alem-vedik -- "salt weed", a desert bush used as a source of salt
Chakh -- "chakh", an edible plant
D'mallu -- large, carnivorous plant
Dun-yar -- "paper grass", traditional source used to make a papyrus-like paper
Elmin'lok -- oil-bearing plant; its oil is used in traditional oil lamps
Fek-kastik -- "post plant", woody plant whose straight stocks were once used in construction
Fnash-vedik -- "sweep weed", grass-like plant once used in making brooms
Fori -- a type of vegetable
Haniwha -- a seed-bearing plant
Hirat -- a grape-like plant
Huhsh-vedik -- "cough weed", a mildly poisonous plant that causes coughing fits if ingested
Induka -- "in-du-ka", a red-leafed tree found near water
Ka-ran-zhi -- "ka-ranj-i", a cactus-like plant
Kasa -- a type of fruit
Kastik -- plant (the general term)
Khara -- a desert bush with an edible pulp
Kheh -- a type of grain
Kras -- a common plant
Kur-kastik -- "color plant", a plant used to make clothing dyes in ancient times
Kusut-vedik -- "pain weed", a plant whose juice was used to ease pain in ancient times
Lap -- tree (the general term)
Li'pon -- a wood-bearing plant
Lipau-yar -- "knife grass", a sharp-edged grass found near water
Mashya -- a tuberous vegetable
Mevak -- a hollow-stemmed reed-like plant
Mut -- a wheat-like grain
Pla-savas -- "blue fruit", a sweet blue to black-colored fruit
Plomik -- "plomeek", a type of vegetable often made into soup
Sash-savas -- "acid fruit", a strong, citrus-like, oblong fruit
Savas -- fruit (the general term)
Sazh -- vegetable (the general term)
Shaforr -- a type of tree (known as "Eridanian teak" to non-Vulcans)
Sherkhah -- a wood-bearing plant
Theris -- a Vulcan herb, often made into tea
Van-vedik -- "ore weed", plant that only grows where there is iron in the soil
Vedik -- weed (the general term)
Waneti -- flowering plant with tiny white blossoms
Wun-kas-elakh -- "weapon vine", a creeper used to make the ahn-wun in ancient times
Yar -- grass
Yelas -- "sun plant", a flowering plant with goldenrod-colored blossoms
Yon-savas -- "fire fruit", a strongly flavored yellow to red-colored fruit

Examples of Golic Vulcan biological, botanical and zoological terms:

Abcission -- ha-snem
Absorption -- tvi-seshaya
Accessory pigment -- gol-kurek
Accidental species -- kish-koshtri
Acetic acid -- sfith-masu-sash
Acicular -- lumik
Acid soil -- sash-solek
Acidic dye -- sash-kur-tukh
Acidophilic -- sash-ashauk
Acquired characteristics -- prah-noshtralar
Actinomorphic -- halek-shidik
Actinomycete -- halek-talvot
Activator -- torai-vel
Active transport -- torupik nalatra-ifis
Acuminate -- sfekik
Adaptation -- rubilaya
Adaptive breakthrough -- rubilau-sastoraya
Adaptive radiation -- rubilau-saya
Adaptive zone -- rubilau-shal
Adsorption -- fiterpaya
Aerobe -- sov-ha-vel
Aerobic -- sov-ladik
Afforestation -- laptra-storaya
Agriculture -- urokasaya
Albino -- fam-kursu
Albumin -- tesihk
Alcohol -- naliveh
Alga -- smol
Algal bloom -- smol-sposhan
Allele -- tol-shid
Allelomorph -- tol-shid
Amino acid -- sash t'ha-torek
Anaerobic -- risov-ladik
Anaphase -- toltra-dahsya
Androecious -- sa-gohik
Androecium -- sa-svai-krus
Anemophily -- k'salan-vikantaya
Angiosperm -- wein-nei-kastik
Animal (n.) -- aushfa
Annual -- wuh-tevunik
Anther -- lesh-patam t'kas-sa-nei
Antheridium -- sa-guv-nafek t'ek'os-kastiklar
Antherocyte -- rivinik kas-sa-nei t'ek'os-kastiklar
Antherozoid -- kas-sa-nei t'ek'os-kastiklar
Anthesis -- svai-tu'ashya-wak
Anthocyanin -- yar-gahv-kurek
Aplanate -- pa'ashtrupik
Apomorphic -- stor-shidik
Aquatic -- masu-hatik
Archeconium -- ko-guv-nafek t'ek'os-kastiklar
Arid -- maut-pseth
Ascorbic acid -- nen-savas-sash
Asexual -- riguvik
Asexual reproduction -- riguvik kanashivaya
Assimilation -- vi-nem
Association -- katravek
Assortative mating -- ka-ves-katelaya
Autosome -- riguv-toltra
Auxin -- wu-dau-tukh
Axenic -- riakan
Axil -- fek-tersau-vul
Axile -- svitan-fekik
Axis -- svitan-fek
Bacillus -- fek-talvot
Back mutation -- za-tselaya
Backshore -- pid-shahov
Backswamp -- ne-flash
Bacteria -- talvot
Balanced polymorphism -- kau-mau-shidan
Bark -- lap-wadi
Basal body -- nen-vukhut
Basic grassland -- sovash-yartra
Basophilic -- sovash-ashauk
Baumgrenze -- lap-ek'zehl
Beach cusp -- dah-stonn-pi'sef (t'sahahov)
Benthic zone -- glu-masu-shal
Benthos -- ha-vellar t'masu-lan-tol
Berry -- nei-savas
Bicentric distribution -- dah-svitan-shitaya
Biennial -- dah-tevunik
Bifid -- dah-krusik
Binary fission -- ek'dahsaya
Biodiversity -- ha-don-ka'es
Biogenic -- ha-torvauk
Biogeographical barrier -- ha-solektra-foshek
Biogeographical region -- ha-solektra-shal
Biogeography -- ha-solektra-tal
Bioluminescence -- ha-ha'tanaya
Biomass -- hatra
Biome -- ha-kas-shal
Biospecies -- k'wuhl-koshtri
Biosynthesis -- ha-fereikan
Biotic -- hatik
Biotic association -- ha-katravek
Biotic factor -- ha-klai
Biotopographic -- ha-solektra-shidik
Biotroph -- sakasu-nalatra-neshuhk
Biotype -- ha-ves
Biozone -- wak-ha-shal
Bipinnate -- dah-patik
Bisexual -- dah-guvik
Bladder (botany) -- sa'haf
Blanket bog -- pa'ash-flasikh
Blight -- luk-has
Bloom (n.) -- svai; sposhan
Bloom (v.) -- svai-tor
Blooming -- svai-tu'ashya
Bog -- flasikh
Bole -- lap-fek
Boreal climate -- pid-samek-ek'nosh
Boreal forest -- pid-samek-laptra
Brackish -- krus-alem-masupik
Branch -- gel
Breed (n.) -- kosh-ves
Broad-leaf -- eik-mor-kastik, eik-mor-lap
Broad-leaved -- eik-morik
Broad-leaved deciduous forest -- eik-morik set-mor-laptra
Broad-leaved evergreen forest -- eik-morik kwon-mor-laptra
Bud (flower only) -- svai-mur
Bud (leaf, stem, etc.) -- krus-mur
Buffer -- fukat
Bulb -- kas-mur
Calyx -- svai-mortra
Cambium -- to'ovau-tin t'lap-vukhut
Camanulate -- kus-vakh-shidik
Canopy -- lap-wein-tin
Capillary action -- solek-pi'mev-torai
Capillary moisture -- solek-pi'mev-masu'es
Carotene -- kas-zhar-kurek
Carpel -- kas-kor-kus
Caryopsis -- yartik-savas
Cell -- nala
Cell culture -- nala-litra
Cell cycle -- nala-da-nel
Cell differentiation -- nala-natyantek
Cell fusion -- nala-kaunshaya
Cell growth -- nala-to'ovaya
Cell membrane -- nala-wein
Cell wall -- nala-temok
Cellular -- nalatik
Cellulose -- nen-kas-tukh
Centrifuge -- dahshayek
Centromere -- tolra-tersau-vel
Chernozem -- nesh-solek
Chitin -- yol
Chlorophyll -- kas-yar-kurek
Chromatid -- tolra-kan
Chromatin -- tolra-tukh
Chromosome -- tolra
Chromosome map -- tolra-besan
Cilium -- nala-isach
Circumnutation -- kulan-to'ovaya
Climax tropical rain forest -- os-masu-laptra
Clod -- solek-vihk
Closed canopy -- ikap-lap-wein
Cloud forest -- wan-vok-laptra
Coccolith -- guv-smol-mathra
Coccus -- dukal-talvot
Coevolution -- ter-wakrubaya
Cofactor -- ter-klai
Community -- ha-travek
Competition -- kuhlaya
Competitive exclusion principle -- kuhlau-sanan-dvatai
Cone -- thav
Conifer -- thav-lap
Convergent evolution -- teretau-wakrubaya
Copse -- pi'laptra
Cordate -- khaf-spol-shidik
Corolla -- kur-mortra
Cross-breeding -- tuhsau-kosh-vesaya
Cross-pollination -- tuhsau-kas-vikantaya
Cryophilic -- samek-ashauk
Culm -- lesek-pi'fek
Cultivation -- sokasitaya
Cyanobacterium -- pla-yar-talvot
Cytoplasm -- (nen-)nala-tukh
Daughter cell -- kan-nala
Daughter nucleus -- kan-nala-svitan
Deciduous -- set-morik
Deciduous summer forest -- eik-morik set-mor-laptra
Deciduous tree -- set-mor-lap
Deformity -- riyeht-shid'es
Dehiscent -- nei-savas-tu'ashik
Dehydration -- nemashaya
Density -- ihn'es
Dentate -- zuclar-shidik
Denticulate -- pi'zuclar-shidik
Deoxyribonucleic acid (DNA) -- sash t'dah-ha-svitan (SDH)
Desert -- eshikh
Desertification -- eshikh-storaya
Dessication -- psethilaya
Detritivore -- ha-guhsh-yokulsu
Detritus -- ha-guhsh
Development -- storaya
Differentiated -- natilaik
Differentiation -- natilaya
Diffusion -- sasak
Dimer -- dah-ketek
Dimerous -- dah-krusik
Dimictic -- dah-da-kuvauk
Dioecious -- natya-kasik
Diplococcus -- dah-dukal-talvot
Diploid -- dah-toltra-nala
Disassortative mating -- rika-ves-katelaya
Dispersal -- saganaya
Dispersal barrier -- saganau-foshek
Dispersal mechanism -- saganau-tor-vel
Dissolved oxygen level -- fezhau-vok t'masu-esh-tukh
Diurnal -- gad-wakik
Diurnal temperature variation -- gad-wakik falek'es-vuhnaya
Diversity -- don-ka'es
Domestication -- ha'kelikaya
Dominant -- abrupik
Drupe -- kahm-savas
Dry season -- pseth-tevun-yonuk
Dystrophic -- gan-tevanik
Ecosystem -- ha-ek'torektekra
Ectoparasite -- si-neshukh
Endobiotic -- tvi-hatik
Endoparasite -- tvi-neshukh
Endoplasm -- tvi-tukh
Energy flow -- tepul-yumaya
Entomophilous -- ravot-ashauk
Environment -- ek'sitra
Enzyme -- zalu
Ephemeral -- sahr-kastik
Ephemerophyte -- sahr-kastik
Epibiotic -- fi-hatik
Epidermis -- si-wadi
Epilimnion -- abru-masu-tin t'suk'muzh
Epipelagic -- fi-vrel-hatik
Epiphyte -- fi-vath-kastik
Epiphytic -- kas-shal-has
Ergot -- yartik-luk
Essential element -- bolayek-meilak
Etiolation -- mu'gel-to'ovaya
Euhaline -- krus-alem-masupik
Eukaryote -- svitan-ha-gel
Euphotic zone -- masu-ha'gel-shal
Euryecious -- eik-shal-hatik
Euryhaline -- eik-alem'es-kupik
Euryoxic -- ek'esh-tukh-kupik
Euryphagic -- eik-yokulik
Eurythermal -- eik-falek'es-kupik
Eutrophic -- don-katik
Evanescent -- rikwonik
Evergreen (adj.) -- kwon-morik
Evergreen (n.) -- kwon-mor-kastik, kwon-mor-lap
Evergreen forest -- kwon-mor-laptra
Evolution -- wakrubaya
Evolutionary lineage -- wakrubau-zehl'es
Evolutionary rate -- wakrubau-tav
Evolutionary trend -- wakrubau-venek
Exclusion principle -- sanan-dvatai
Exocytosis -- nala-kaushau-khrashaya
Exotic species -- akan-koshtri
Experimental error -- spolek-lafosh
Extant -- i'hatik
Extinct -- ek'tevik
Extinction -- ek'tevan
Factor -- kla
Facultative parasite -- on-neshuhk
Fatty acid -- thel'a-sash
Fauna -- aushfatra
Female (adj.) -- kotik
Female (n.) -- ko
Fertility -- kanash'es
Fertilization -- vikantaya
Fiber -- slah
Filament -- pi'elakh (contraction variant: pelakh)
Filiform -- pi'elakh-shidik
Flagellum -- dvunel-pi'harr
Flora -- kastra
Floret -- wuh-svai-krus
Flower (n.) -- svai
Flower (v.) -- svai-tor
Folios -- mor-kahk
Forest -- laptra
Freshwater (adj.) -- slor-masutik
Freshwater (n.) -- slor-masu
Fructification -- savasaya
Fruit -- savas
Fungus -- luk
Fuscous -- mu-kur
Gamete -- vinik guv-nala
Gametocyte -- rivinik guv-nala
Gametogenesis -- guv-nala-storaya
Gaseous exchange -- pa-tukh-d'l'kizh
Gender -- guv
Gene -- tol
Gene conversion -- tol-rushan
Gene duplication -- tol-va'asaya
Gene family -- tol-travek
Gene flow -- tol-yumaya
Gene pool -- tol-patra
General adaptation -- pa'es-rubilaya
Genetic code -- tol-kiht
Genetic engineering -- tol-mish-tal
Genetic variance -- tol-vuhnaya
Geophyte -- ne-lesh-kastik
Glucose -- nen-slor-tukh
Golgi body -- suvan-vel
Grassland -- yartra
Greenhouse effect -- kastik-kelek-daya
Ground cover -- lap-solektra-wein
Ground layer -- kas-solektra-tin
Grove -- pi'laptra
Growing season -- to'ovau-tevun-yonuk
Growth -- to'ovaya
Growth regulator -- to'ovau-khartek
Gymnosperm -- riwein-nei-kastik
Gynoeconomic -- ko-gohik
Gynoeicum -- ko-svai-krus
Habitat -- ha'kiv-shal
Halophilic -- alem-ashaek
Halophyte -- alem-solektra-kastik
Haulm -- kas-pi'fek
Hekistotherm -- pid-samek-kastik
Heliophyte -- ek'ha'gel-kastik
Helophyte -- ulef-masu-kastik
Herb -- bar-got
Hermaphrodite -- on-kuvu
Hermaphroditic -- on-kuvik
Hesperidium -- duf-krus-savas
Heterochrony -- natya-wak-vin
Heterogamete -- natya-guv-nala
Heterogamy -- natya-guv-kanashivaya
Heteromorphic -- natya-shidik
Heteroplyly -- natya-mor-nosh
Heterosis -- rish-hakar
Hexose -- sheh-slor-tukh
Hilum -- tersau-ulidar
Homeostasis -- tihet-vo'ektihahr-venek
Horotely -- bov-wakrubaya
Humid -- sov-masupik
Humidity -- sov-masu'es
Humification -- ha-solek-storaya
Humus -- ha-solek
Hyaline -- makhik
Hybrid -- rish-ha-vel
Hybrid vigor -- rish-hakar
Hybrid zone -- rish-ha-shal
Hydric -- pid-masu'es-kasik
Hydrolysis (biochem.) -- tukh-masu-folaya
Hydrophyte -- pid-masu'es-kastik
Hydroponics -- risolek-to'ovayek
Hygrophilous -- masu-shal-ashauk
Hygroscopic water -- solek-potau-masu
Hypogeal -- ne-solektra-hatik
Hypolimnion -- glu-masu-tin t'suk'muzh
Immunity -- tefosh'es
Indehiscent -- rinei-savas-tu'ashik
Indigenous -- salatik
Inflorescence -- wek-svai-velek
Infructescence -- wek-savas-velek
Iterative evolution -- ashiv-velek-wakrubaya
Jungle -- nu'ri-masu-laptra
Ketone -- nalesh(-tukh)
Ketose -- nalesh-slor-tukh
Lamina -- thalv-velek
Laminate (adj.) -- tinik
Lanceolate -- li-wun-shidik
Latex -- kas-wan-tukh
Leaf -- mor
Leaflet -- wuh-mor-krus
Lentic -- hayal-masutik
Lenticular -- dah-si-gelekik
Lepidote -- pi'wef-weinik
Lepis -- pi'wef
Leptodermous -- wonil-wadilik
Liane (Liana) -- man-kastik
Life cycle -- ha'kiv-da-nel
Limb -- (lap-)kar
Liverwort -- yekvat
Long-day plant -- wu-gad-kastik
Longevity -- wu'n'iles
Lotic -- yumau-masutik
Macroclimate -- suk'shal-ek'nosh
Male (adj.) -- satik
Male (n.) -- sa
Mangrove forest -- alem-flash-laptra
Mangrove swamp -- alem-flash
Marsh -- masu-kastra
Maturation -- vin
Mature -- vinik
Meadow -- ne-yartra
Meiosis -- ulef-nala-dahsaya
Membrane -- nala-tin
Meristem -- um-to'ovau-nalatra
Meromictic -- kwon-tin-masutik
Mesic -- svi-masu'es-kasik
Mesophyte -- svi-masu'es-kastik
Metabolic pathway -- di'kish-torek-yutek
Metabolism -- di'kish-torek
Methane -- keh-masunol-tukh
Methanogenic -- keh-masunol-torvauk
Methanol -- eshu t'keh-masunol-tukh
Methanotroph -- keh-masunol-yokulsu
Methyl -- reh-masunol-tukh
Methyamine -- sovu t'kau-masunol-tukh
Methylene -- dah-masunol-tukh
Methylothroph -- masunol-yokulsu
Micro-aerobic -- pi'sov-eshupik
Microbe -- numo-ha-vel
Microbial -- numo-ha-velik
Microbiota -- numo-hatra
Microclimate -- pi'shal-ek'nosh
Microorganism -- numo-ha-vel
Microtubule -- numo-pi'mevo
Midrib -- kas-bak, mor-bak
Migration -- bashan
Mineral cycle -- ek'tukh-da-nel
Mineral soil -- ek'tukh-solek
Mitochondrion -- nala-tepul-vel
Mitogenic -- ek'nala-dahsau-palikaun
Mitosis -- ek'nala-dahsaya
Mitotic spindle -- ek'nala-dahsau-magu
Mixed woodland -- rish-lap-shal
Moisture -- masu'es
Moisture budget -- masu-vo'ekti
Moisture index -- masu-nakh
Monocious -- ka-kasik
Monosaccharide -- wuh-slorta-tukh
Montane forest -- suk'kunel-laptra
Montane zone -- suk'kunel-shal
Mosaic evolution -- nati-wakrubaya
Moss -- yekuhl
Mossy forest -- yekuhl-laptra
Multifactorial -- wek-klaik
Multiserate -- wek-zehlik
Muriform -- dok-temork-shidik
Mushroom -- taik-luk
Mutagen -- tselayek
Mutagenic -- tselau-palikaun
Mutant -- tselau
Mutation -- tselaya
Mutation rate -- tselau-tav
Native (adj.) -- salati
Natural -- malatik
Natural selection -- malat-dvelan
Natural woodland - malat-lap-shal
Naturalized -- malatuvauk
Nature -- malat
Necrosis -- nalatra-tevakh
Niche -- sha’ti
Nitrogen fixation -- sov-tukh-nodolaya
Nocturnal -- mu’yor-wakik
Nuclear envelope -- nala-svitan-tin
Nucleoplasm -- svitan-nala-tukh
Nucleus (cell) -- nala-svitan
Nut -- kov-savas
Nutrient -- yem-tanek
Obligate parasite -- ek’neshuhk
Obovate -- eik-um-shidik
Oligotrophic -- glu-kanik
Ontogeny -- kai-storaya
Oogenesis -- yu-mur-shidaya
Orchard -- lap-bah-ker
Organelle -- pikhut
Organic -- hatanik
Organic matter -- hatan-tukh
Organic soil -- hatan-solek
Organism -- ha-vel
Origin -- tveshu
Osmosis -- k’fai-sanek
Osmotic pressure -- k’fai-sanek-ne’hish
Oviparous -- si-yu-mursuk
Ovum -- (rivikantau-)yu-mur
Oxidase -- esh-tukhovau-zalu
Oxidation -- esh-tukhovaya
Oxygen demand -- esh-tukh-klan
Oxygenation -- esh-tukhaya
Pachycaul -- bali-fekik
Paleosol -- vesht-solek
Paleospecies -- vesht-koshtri
Palmate -- sau-krusik
Pantothenic acid -- eklakalu-sash
Parallel evolution -- vlavla-wakrubaya
Parapatric -- beteretik
Parasite -- neshuhk
Parthenogenesis -- rivikantau-storaya
Partial dominance -- ul-abrupik’es
Partial parasite -- ul-neshuhk-kastik
Particle density -- solek-krus-ihn’es
Peltate -- fo-dan-shidik
Pentamerous -- kau-krusik
Pentose -- kau-slor-tukh
Percolation -- ne-fna-dvun
Perennial -- tevunik
Permease -- nala-lesh-tukh
Petal -- kur-mor
Petiole -- mor-pil’fek
Phloem -- si-tin t’lap-vukhut
Photoperiod -- ha'gel-wak-krus
Photoreceptor -- ha'gel-poprahek
Photosynthesis -- ha'gel-fereikan
Phototaxis -- ha'gel-rubah-dvun
Phototroph -- ha'gel-yokulsu
Phylogeny -- ha-ves-storaya
Phytol -- kas-yar-naliveh
Phytophagous -- kastik-yokultik
Pigment -- kurek
Pinnate -- patik
Pith -- pi'fek-svitan-nalatra
Plant -- kastik
Plesiomorphic -- os-shidik
Plicate -- heshai"k
Pod -- tvi'hafoo
Pollen -- kas-sa-nei
Pollen rain -- tevan t'kas-sa-nei
Pollen sac -- sa'haf t'kas-sa-nei
Pollen tube -- pi'mev t'kas-sa-nei
Pollination -- kas-vikantaya
Polysaccharide -- wehk-slortra-tukh
Polyunsaturated fat -- weht-ribosh-the'la
Prairie -- pseh-thar-eiktra
Primary pigment -- nen-kurek
Primary structure -- nen-velek
Primitive -- os-shidik
Producer -- torvayek
Production -- torvaya
Productivity -- torva'ku'es
Protein -- ketek
Pyrophyte -- yon-kastik
Pyruvic acid -- nalesh-sash t'reh-nol-tukh
Quantum evolution -- sphon-hakrubaya
Quantum speciation -- sphon-koshtrivaya
Quasi-sympatric speciation -- sha'li-dahsau-koshtrivaya
Quinone -- natuhekta-tukh
Race -- koshtri
Raceme -- sva-teluk
Radicle -- ten-mal-gir
Recessive gene -- za-tol
Reflex -- tvisek
Refugium -- ha-rau-nol
Regulator gene -- tash-tol
Relict -- hafa-ha-vel
Replicase -- va'asau-zalu
Replication -- va'asaya
Reproduction -- kanashivaya
Resin -- lap-stan-tukh
Reverse mutation -- pla'rak-tselaya
Rhizome -- ne-solektra-pi'fek
Rhizosphere -- gir-shal
Ribitol -- kau-nol-naliveh
Ribonucleic acid (RNA) -- sash t'wu-ha-svitan
Rigidity -- stegal' es
Ripe -- piyah
Ripening -- piyahtaya
Root -- gir
Root pressure -- gir-ne'hish
Runner -- sak-fek
Saccharide -- slortra-tukh
Saline -- alemik
Saline soil -- alem-solek
Salinity -- alem' es
Salt marsh -- alem-masu-kastra
Salt stress -- alem-hishel
Saltwater (adj.) -- alem-masutik
Saltwater (n.) -- alem-masu
Sap -- kas-khaf
Sapling -- kan-lap
Saprophage -- tevanu-ha-yokulsu
Saturated fat -- vibosh-thel'a
Saxicolous -- fi-kov-hatik
Scavenger -- tevanu-yokulsu
Sciaphilic -- duvek-ashauk
Sciophyte -- duvek-kastik
Secondary structure -- thurai-velek
Seed -- nei
Selection -- dvelan
Self-fertilization -- shai-vikantaya
Self-pollination -- shai-kas-vikantaya
Sepal -- svai-mor
Septum -- temok
Serrated -- zudlar-shidik
Sex chromosome -- guv-toltra
Sexual -- guvik
Sexual reproduction -- guv-kanashivaya
Short-day plant -- pen-gad-kastik
Shrub -- labah
Slime -- shuhk
Soil -- solek
Soil air -- solek-sov
Soil horizon -- solek-tin
Soil structure -- solek-velek
Somatic cell -- tsuri-nala
Somatic mutation -- tsuri-nala-tselaya
Speciation -- koshtrivaya
Species -- koshtri
Species longevity -- koshtri-difan'es
Spermatozoon -- sa-nei
Spindle -- magu
Spontaneous mutation -- shai-tselaya
Spore -- rikas-nei
Stamen -- kas-sa-krus
Stellate -- yel-shidik
Stem -- kas-fek
Stipule -- mor-nen-vel
Stock -- fek
Stolon -- sak-fek
Stoma -- kas-sharu
Structure -- velek
Subclimax tropical rain forest -- nu'ri-masu-laptra
Subshrub -- ne-labah
Subspecies -- ne-koshtri
Sucrase -- potau-slor-zalu
Sucrose -- potau-slor-tukh
Swamp -- flash
Symbiont -- haterkadu
Symbiosis -- haterkadaya
Sympatric -- hateretik
Tachytely -- sahr-wakrubaya
Taiga -- samek-laptra
Tannin -- kas-khav-kurek
Tapetum -- vek t'rikas-sa-nei
Taxon -- ha-veltra
Telocentric chromosome -- shaht-toltra
Ternary fission -- nala-rehsaya
Terricolous -- fi-solek-to'ovauk
Testa -- nei-wein
Tetramer -- keh-ketek
Tetrmerous -- keh-krusik
Texture -- lef'es
Thallophyte -- rinatilau-kastik
Thallose -- rinatilau-kasik
Thallus -- rinatilau-vukhut
Theca -- smol-fo
Thermoduric -- falek-rishupik
Thermophile -- falek-ashausu
Thiamine -- wuh-bin-tukh
Thicket -- pi'laptra
Thigmotaxis -- esta-sadvun
Tilth -- sokasitau-solek-nosh
Timber -- lap-tukh
Tissue -- nalatra
Topsoil -- skonn-solek
Toxin -- hasam
Trace element -- pi'lek-meilak
Transpiration -- kas-samasu-eshan
Tree -- lap
Trifoliate -- reh-pi'morik
Trimer -- reh-ketek
Trimerous -- reh-krusik
Tropical montane forest -- falu-suk'kunel-laptra
Tropical rain forest -- falu-masu-laptra
Tropical seasonal forest -- falu-yonuk-laptra
Trunk -- lap-fek
Tuber -- ne-solektra-korsayek
Turgor -- nala-ne'hish-stegal'es
Twig -- pi'gel
Uniramous -- rigelik
Uniseriate -- wuh-zehlik
Unisexual flower -- wuh-guv-svai
Univoltine -- wuh-tevun-vinik
Unsaturated fat -- ribosh-thel'a
Vacuole -- nala-korsau-haf
Vagile -- kup-padvunik
Vagility -- kup-padvun'es
Variation -- vuhnaya
Vegetation -- kastra
Venation -- mor-mevaya
Virion -- rihak-pi'krus
Vine -- kas-elakh
Virion -- rihak-pi'krus
Viroid -- rihak-vel
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Viviparous -- tvi-yu-mursuk
Vegetable -- sazh
Weed -- vedik
Wetland(s) -- masu-kas-shal
Wheat -- kap-yar
Wilderness -- shi'kwai
Wildlife -- kwai-aushfatra
Wood -- lapan
Woodland -- lap-shal
Woody -- lapanik
Xanthophyll -- kas-kin-kurek
Xeric -- neik-masu'es-kasik
Xerophyte -- neik-masu'es-kastik
Xylem -- tvi-tin t'lap-vukhut
Xylose -- lapan-slur-tuhk
Yeast -- leip-luk
Yolk -- vek
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Zymogen -- za-zalu
Main Technology Page  
Nen-Thalu t-Ek’Mishan

INTRODUCTION  
Ragtaya
As is well-known throughout the Federation, the Vulcans are noted for their excellence in technology and engineering. In order to survive and prosper on a very harsh planet, the Vulcans learned to create tools and machines relatively early as an absolute necessity for their survival. As is mentioned on our Vulcan history page, their initial industrial revolution took place much faster than that of most advanced humanoid races. Unfortunately, as is also the case with most humanoids, technological developments occurred at a quicker rate during times of war, which were frequent throughout most of Vulcan's history before Surak. Several devastating wars in early times killed millions and destroyed a number of unique planetary cultures. Since the time of Surak, though, the Vulcans have developed their technology peacefully.

The Vulcans attained spaceflight at an early stage and had interplanetary ships many centuries ago. One splinter group of apostate Vulcans left the planet millennia ago and eventually founded the Romulan Empire. Vulcan exploratory vessels traveled throughout the quadrant and made first contact with several technically advanced races, including Earth (Terra), which ultimately lead to the founding of the United Federation of Planets.

"What one person can imagine, another can create" -- Jules Verne, 19th Century human writer & visionary

"Technological development without logic is suicide" -- Sokal, famous Vulcan inventor & Surak contemporary

TERMINOLOGY  
Zhilakam
As with most technically advanced races, the Vulcans have a huge vocabulary of specialized terms for use in the technical, engineering, spacefaring, infrastructure and weaponry fields. As is also common with many advanced cultures, a word or term may have a different meaning when used in a domestic situation as compared to a technical situation. Below you will find a substantial introduction to a wide range of technical words and terminology:

Ablative hull armor -- falkrashauk khut-fo-wein  
Abrasive (n.) -- gashayek  
Absorbent (n.) -- vi-seshayek  
Accelerator -- sahrayek  
Access panel -- thro-wein  
Active polaron scan -- torupik narak-vel-glashaya  
Adapter -- rubilauf-vel  
Adhesive (n.) -- terpayek  
Aft parabolic thruster -- za-dahkvalu-kwitek  
Aft plasma vent -- za-snazh-krau  
Aft thruster compartment -- za-kwitek-sutauk  
Air conditioner -- sov-noshek  
Air conditioning -- sov-noshaya
Air conditioning duct -- sov-noshau-mev
Aircraft -- sov-hali
Airliner -- sov-su-yata
Airlock -- fna-svep
Alarm -- vikayek
Alignment -- zeh'les
Alkaline battery -- sovash-kipof
Altimeter -- pidek-thonek
Amplifier -- ashenayek
Android -- sutorsu
Anemometer -- salan-thonek
Anodyne circuit -- raf-kuv t'kusut-toranu
Antenna -- kash-gel
Antenna grid -- kash-gel-vis
Anti-backdraft valve -- tehn-zafnaln-spunek
Anti-grav (unit) -- tehn-ne-seshanek
Anti-graviton beam -- tehn-sesh'gal-zehlek
Anti-graviton beam emitter -- sayek t'tehn-sesh'gal-zehlek
Aqueduct -- masu-ur
Architect -- te'koshfet
Architecture -- te'kosh
Armor -- fo-wein
Array (n.) -- zehlaya
Arrow -- kilton
Artificial -- sutorik
Artificial gravity -- sutor-ne-seshan
Artificial gravity generator -- ferek t'sutor-ne-seshan
Artificial gravity plate (grav-plate) -- ne-seshan-math
Ascent thruster -- shen-kwitek
Assembly -- feretai
Astrogator -- stuhk-kharayek
Astrometric sensor -- stukh-thonau-kashek
Asymmetric decryption circuit -- ritalikalik sasa-tilau-raf-kuv
Asymmetric encryption circuit -- ritalikalik visa-tilau-raf-kuv
Auto-dock system -- shati-kifau-torektra
Auto-landing system -- shati-fisolekau-torektra
Autodoc (Autodoc) -- shati-hassu
Auxiliary control (room) -- kvath-tash-svitan
Auxiliary core -- kvath-tviyan
Auxiliary fire control (room) -- kvath-pohshau-svitan
Auxiliary power interface -- kvath-tepu-tvihanek
Ax(e) -- la'ash
Axle -- da-fek
Axonal amplifier -- wel-elakh-ashenayek
Backup data network -- kvath-faik-vistra
Backup neuro-electric power cell -- kvath-tepu-nala t'wel-raf-tepu
Balance (scales) -- vo'ekti
Balcony -- fal-yat
Barrel (container) -- subok
Barrel (gun) -- wun-mev
Barometer -- sov-ne'hish-thonek
Baryon sensor -- pu'gal-kashek
Base (support) -- nen
Basket -- ki'haf
Bathyscaphe -- glu-masutra-hali
Bathysphere -- glu-masutra-vel
Battery -- kipof
Beacon -- glaribek
Beam (ray) -- ha'zehl
Beam boost injector -- ha'zehl-aborau-vipohshayek
Beam emitter -- ha'zehl-sayek
Beam force selector -- ha'zehl-nekwitau-dvelek
Beam width selector -- ha'zehl-eik'es-dvelek
Bell -- kus-vakh
Belt -- san-zhel
Benamite crystal -- benam-tukh-khush
Beta matrix compositor -- th-viskulan-tertitayek
Bicycle -- dah-halek
Bio-scanner -- ha-glashayek
Biogenic compound -- ha-storau-tukh
Biomimetic gel -- ha-va'amau-khup
Biosynthetic limb -- ha-sutorik sikrus
Blast shutter -- thorsh-fo-wein
Blower -- salur-vel
Boat -- masu-hali
Boiler -- kanek
Bomb -- thorshek
Booster -- aborayek
Booster modulator -- aborayek-nakhtilayek
Bottle -- mashek
Bow (n.) -- khom-krus
Bowl -- yerak
Box -- natuhn
Breaker -- (raf-)shayek
Breakthrough -- sastoraya
Brick -- dok
Bridge (command center) -- tash-svitan
Bridge (structure) -- mesut
Bridge access relay -- thro-gol'dvunek t'tash-svitan
Buffer (n.) -- fukat
Buffer circuit -- fukat-raf-kuv
Building -- kelek
Bulkhead -- tvi-temok
Bussard collector -- tershayek t'Bussard
Button -- gonaf
Cabinet -- tsorayek
Cable -- elakh
Caliper(s) -- bal-thonek
Cam -- ok
Camshaft -- ok-fek
Canal -- masu-yut
Cannon -- thorshun
Capacitor -- tsorek
Cargo bay -- tusla-sutauck
Cargo hold -- tusla-tsoara-shal
Cargo loading floor -- tusla-tus-tol
Cargo module -- tusla-natel
Cargo pod -- tusla-tvi'haf
Cargo storage complex -- tusla-tsurau-keltra
Cargo transporter -- tusla-ifisek
Cargo unit -- tusla-kebi
Carrier wave -- lesh-pral
Catalyst -- torai-tukh
Catwalk -- mesah
Chain -- mokev-elakh
Chair -- ku-san
Chamber -- tvi-shal
Charge (electrical) -- falun
Chiller -- samuyek
Chime (n.) -- kusek
Chimney -- vuzh-mev
Chromodynamic light -- kur-toranu-ha'gel
Chromoelectric force field -- fosh-vunai t'kur-raf-tepul
Chroniton -- wak'gal
Chroniton beam -- wak'gal-zehlek
Chronometer -- wak-vel
Circuit -- raf-kuv
Circuit breaker -- raf-kuv-shayek
Circuit relay -- raf-kuv-gol'dvunek
Circuitry -- raf-kuvtra
Clarifier -- pa'shayek
Clock -- wak-vel
Coaxial cable -- elakh t'dah-da-sfek
Coaxial induction drive -- vimevilau-yeturek t'dah-da-sfek
Coaxial warp drive -- tchas-yeturek t'dah-da-sfek
Coherent neutrino beam -- thak-ska'gal-zehlek
Coil -- pakuv
Coil spanner -- pakuv-mish-raul
Combustion chamber -- yontau-tvi-shal
Command processor -- khartau-patorayek
Communications laser -- sviribau-ha'zehlek
Communications relay -- sviribau-gol'dvunek

Communicator -- sviribayek
Compactor -- lerakhovau-vel
Compiler -- travilayek
Compressed air -- lerakh-sov
Compression -- lerakh'es
Compressor -- lerakovayek
Computer -- tum-vel
Computer bank -- tum-vel-kutra
Computer bay -- tum-vel-sutauk
Computer core -- tum-vel-tviyan
Computer display -- tum-vel-gluyayek
Computer interface -- tum-vel-tvihanek
Computer memory -- tum-vel-vokaya
Condition red tracer light -- zavikau-ha'gel t'yon-kur-nosh
Conductor -- spayek
Conduit -- mev
Connecting dorsal -- tersau-ralek
Connection -- tersaya
Connector -- tersayek
Container -- tuhleki
Containment field -- tuhlau-vunai
Containment system -- tuhlau-torektra
Control (device) -- tashhek
Control console -- tashal
Control panel -- tash-math
Control pedestal -- tash-nelka
Controller -- tashkek
Converter -- rushaneke
Coolant -- samuyau-tuhke
Cooler -- samuyek
Cooling unit -- samuyau-kebi
Core -- tviyan
Core matrix -- tviyan-viskulan
Corridor -- tvur
Coupler -- teretek
Coupling -- tersayek
Course programming panel -- rivak-tumau-math
Craft (vehicle) -- hali
Cryogenic fluid -- samu-tor-masu
Cryogenic fluid supply line -- tanilau-mev t'samu-tor-masu
Cryogenic storage unit -- korsau-kebi t'samu-tor-vitaya
Cultivator -- sokasitayek
Cup -- monek
Cupboard -- tsorayek
Dagger -- lipitah
Damage control -- zakar-tash
Dampening field -- fish-vunai
Data crystal phase inverter -- wek-abomesayek t'faik-khushe
Data input access panel -- thro-wein t'faik-svin
Data interface -- faik-tvihanek
Data network -- faik-vistra
Data node -- faik-kali
Data storage device -- faik-tsamau-vel
De-hiss circuit -- sashisau-raf-kuv
Deck -- lan-tol
Decoder -- sakihtek
Decompiler -- satravilayek
Decryption matrix -- sasatilau-viskulan
Deep space imaging system -- glakuva-torektra t'glu-stukh
Defense -- fosh
Deflector (shield) -- sakwitayek
Deflector (shield) grid -- sakwitayek-vis
Deflector array -- sakwitayek-zehlaya
Deflector field generator -- sakwitayek-vunai-ferek
Demodulator -- sakihtilayek
Densitometer -- ihn-thonek
Depth finder -- gluder-thonek
Dermal regenerator -- wadi-vaferke
Detonator -- thorshayek
Deuterium injector -- vipohshayek t’dah-masu-tukh
Developer (device) -- storayek
Deviation plotter -- tekeret-besayek
Differential induction drive -- natilau-vimevilau-yeturek
Diffuser -- sasek
Dilithium -- dah-pim-tukh
Dilithium articulation frame -- terfitilau-nentu t’dah-pim-tukh
Dilithium containment pedestal -- tuhluau-nelka t’dah-pim-khushlar
Dilithium coupling -- dah-pim-tersayek
Dilithium crystal -- dah-pim-khush
Dilithium mining facility -- van-kebitra t’dah-pim-tukh
Dilithium reactor -- dah-pim-folayek
Diplomatic courier vessel -- dutar-shan-hali
Discriminator -- sakathilayek
Disintegrator -- fezhilayek
Dispenser -- tanek
Display (n.) -- gluvayek
Disrupter -- feshlek
Disrupter induction coil -- feshelek-vimevilau-pakuv
Distress beacon -- flakosh-glaribej
Distress signal -- flakosh-glantokaya
Distribution manifold -- sagan-wehk-vel
Distribution node -- sagan-kal
Distributor -- saganek
DNA acquisition sensor -- prah-kashek t’SDH
Docking latch -- kifau-kuhr
Docking light -- kifau-ha’gel
Docking port -- kifau-tersvep
Door -- svep
Drain (loss) -- smashaya
Drain (pipe) -- smash-mev
Drive (n.) -- yeturek
Drive section -- yeturek-krus
Driver coil -- yetur-pakuv
Driver coil assembly -- yetur-pakuv-feretai
Duct -- mev
Duonetic coupler -- dah-fel-teretek
Dynamo -- toranelek
Dyson sphere -- ek’kal t’Daison
Efficiency rating -- yeht-urgam’es-tavan
Ejector -- dakh-vel
Electricity -- raf-tepul
Electrodynamic fluid -- raf-toranu-masu
Electrodynamic probe -- raf-toranu-nisayek
Electroferretic diffuser -- raf-shek-sasek
Electron resonance scanner -- u’gal-kusilau-glashayek
Electronics bay -- raf-ar’kada-sutauk
Elevator -- sa’adek
Emergency anti-grav thruster -- kefik tehsh-kwitak
Emergency atmospheric gas feed -- kef-tanilau-mev t’igen-pa-tukh
Emergency battery room -- kef-kipof-shal
Emergency bridge -- kvath-tash-svitan
Emergency containment grid -- kef-tuhlau-vis
Emergency flush intake -- prah-vel t'kef-kluhvaya
Emergency flush vent -- kef-kluhvau-krau
Emergency hatch -- kef-thro-svep
Emergency landing leg -- kef-fsolekau-mal
Emergency medical hologram (EMH) -- kefik has-reh-bikuvsu
Emergency life support -- kef-ha'kiv-nenikaya
Emergency survival compartment -- kef-rishan-torayek
Emergency transporter -- kef-ifisek
Emitter -- sayek
Emitter array -- sau-zehlaya
Encoder -- vikihtek
Encryption matrix -- visatilau-viskulan
Energy -- tepul
Energy focusing matrix -- tepul-thakau-viskulan
Engine -- mishu
Engineer -- mishkek
Engineering (field) -- mish-tal
Engineering (spaces) -- mish-shal
Engineering computer bay -- tum-vel-sutauk t'mish-shal
Environmental systems monitor -- glantayek t'ek'sitra-torektralar
EPS conduit -- raf-snazh-mev
EPS matrix converter -- viskulan-rushanek t'raf-snazh
EPS regulator -- raf-snazh-pakhartayek
EPS relay -- raf-snazh-gol'dvunek
EPS system -- raf-snazh-torektra
Equipment (gear) -- tanovau-tukh
Equipment (machinery) -- mishitra
Escalator -- shenek
Exchange matrix -- dl'kizh-viskulan
Evaporator -- na-soyayek
Experiment -- spolek
Explosives -- thorshau-tukh
Extravehicular activity (EVA) -- si-hali-torai
Fabricator -- zhukek
Fan (device) -- sovek
Fiber-optic cable -- ha'gel-slah-elakh
Fiber-optic data network -- faik-vistra t'ha'gel-slah-elakh
Field (n.) -- vunai
Field coil -- vunai-paku
Field generator matrix -- vunai-ferek-viskulan
Field stabilizer Filament -- pelakh
Filter (n.) -- kapol
Filtration -- kapol-toraya
Fingerprint scanner -- ozhidar-glashayek
Fire control panel -- pohshau-tash-math
Fire retardant -- yon-vohr-tukh
Fire suppressant -- yon-nelau-tukh
Fire suppression system -- yon-nelau-torektra
Fission reactor -- galu-dahshau-folayek
Floodlight -- zup-ha'gel
Floor -- lan-tol
Flow monitor -- yumau-thonek
Flow regulator -- yumau-pakhartayek
Flow sensor -- yumau-kashek
Flux capacitor -- gasu-tsorek
Flux coupler -- gasu-teretek
Flux modifier safeties -- gasu-rubitau-ek'maneklar
Focusing barrel -- thakau-wun-mev
Food dispenser -- yem-tanek
Food synthesis unit -- yem-fereik-kebi
Force field -- fosh-vunai
Force field barrier -- fosh-vunai-foshek
Force field generator -- fosh-vunai-ferek
Forced ejection system -- nekwitau-dakh-torektra
Foundation -- nen
Four-way interlink shunt -- keh-yutik tvinaf-mutau-vel
Frequency discriminator -- vakav'es-sakathilayek
Fresh water tank -- slor-masu-tuhlek
Freezer -- le-sumayek
Fuel -- hal-tukh
Fuse (n.) -- shau-vel
Fusion reactor -- galu-kaunshau-folayek
Gain control -- nazh-tashek
Galley (kitchen) -- af'tum
Gangway -- thro-yut
Garage -- pi'hali-kel
Gas flow separator -- dahshayek t'pa-tukh-yumaya
Gas grenade -- pa-tukh-thorshek
Gauge -- mik-yal
Gear (equipment) -- tanovau-tukh
Gear (mechanical) -- zud-halek
Generator -- ferek
Glass -- makh
Grav-plate -- ne-seshan-math
Gravimetric pulse -- seshilan-sagaya
Gravimetric scanner -- seshilan-glashayek
Gravimetric shear -- seshilan-eitaya
Gravitic calipers -- seshu-bal-thonek
Gravitic mine -- seshu-ip-thorshek
Gravitic sensor -- seshu-kashek
Graviton beam -- sesh'gal-zehlek
Graviton beam emitter -- sesh'gal-zehlek-sayek
Graviton field -- sesh'gal-vunai
Graviton stabilizer -- sesh'gal-tihetilayek
Grenade -- lehm-thorshek
Gun -- pohshayek
Gyrodyne relay -- pada-toranu-gol'dyunek
Gyromagnetic stabilizer -- pada-seshan-tihetilayek
Gyroscope -- vo'ekti-padanek
Hall(way) -- tvur
Hammer (n.) -- mah-vel
Hand phaser -- e'ru-wek-zehlek
Hangar -- hali-kel
Hatch -- thro-svep
Hatch window -- throp-svep-krani
Heat sink -- falek-seshayek
Heater -- falekek
Helicopter -- da-rala-hali
Helm (station) -- dakharau-shal
Helm control panel -- dakharau-tash-math
High energy flux conductor -- gasu-spayek t'pid-tepul
High pressure atmospheric gas feed -- pid-ne'hish-mev t'igen-pa-tukh
Hinge -- tu'adayek
Holding cell -- potau-tvi-shal
Holo-emitter -- reh-bikuv-sayek
Holodeck -- reh-bikuv-sutauk
Hologram (inanimate object or non-sentient being) -- reh-bikuv
Hologram (image of sentient being) -- reh-bikuvsu
Holographic projector -- reh-bikuv-salehmek
Holomatrix -- reh-bikuv-viskulan
Hydrometer -- masu-thonek
Hydrospanner -- vunai-mish-raul
Hygrometer -- sov-masu-thonek
Hyperimpulse drive -- pid-kwitau-yeturek
Hyperspanner -- wek-mish-raul
Hypospray -- pa-vipohtek
Igniter -- yonek
Impulse deflection crystal -- kwitau-sakwitau-khush
Impulse drive -- kwitau-yeturek
Impulse drive prestart sequencer -- fe-palikau-zehalanayek t'kwitau-yeturek
Impulse engine -- kwitau-mishu
Impulse engine induction matrix -- vimevilau-viskulan t'kwitau-mishu
Impulse flow regulator -- kwitau-yumau-pakhartayek
Inclinometer -- galat-thonek
Induction grid -- vimevilau-vis
Induction modulator -- vimevilau-nakihtilayek
Induction stabilizer -- vimevilau-tihetilayek
Inertial dampening field -- kahla-fish-vunai
Inertial dampening generator -- kahla-fish-ferek
Inertial damper -- kahla-fishek
Information subsystems monitor -- glantayek t'ro'fori-ne-torektralar
Inhibitor -- netehnovayek
Initiator -- palikayek
Injector -- vipohshayek
Injector valve -- vipohshau-spunek
Ink -- neshuk
Inlet flow sensor -- kashek t'prah-vel-yumaya
Inner hatch -- tvi-thro-svep
Input gain mode stabilizer -- svin-nazhu-tihetilayek
Input sampling buffer -- svin-li-fukat
Insignia communicator -- terseht-svirbayek
Intake -- prah-vel
Integration matrix -- ketilau-viskulan
Integrator -- ketilayek
Intercom -- tvi-svirbayek
Intercom system -- tvi-svirbaul-torektra
Intercom unit -- tvi-svirbau-kebi
Intercooler -- tvi-samuyek
Interface -- tvihanek
Interface program -- tvihan-tumaya
Interlink -- tvinaf
Interlink sequencer -- tvinaf-zhehalanayek
Intermix chamber -- rish-folau-vel
Intermix shaft -- rish-folau-ur
Internal combustion engine -- tvi-yontau-mishu
Internal scan relay -- tvi-glashau-gol'dvunek
Internal security monitor -- tvi-shar-glantayek
Internal transporter node -- tvi-ifisek-kal
Interphase -- tvi-vek
Interphasic coil spanner -- tvi-vekik pakuva-mish-raul
Interplexing beacon -- tvi-wehkila-glaribek
Invention -- fereik-vel
Inverter -- abomesayek
Ion -- falun-krus
Ion drive -- falun-krus-yeturek
Ion radiation filter -- saya-kapol t'falun-krus
Ion transator -- falun-krus-mesnoshek
Isodyne relay -- ka-toranu-gol'dvunek
Isokinetic cannon -- ka-dvun-thorshun
Isokinetic containment field -- ka-dvunik tuhlau-vunai
Isolation hatch -- dahshau-shal-svep
Isolinear buffer circuit -- ka-zehlik fukat-raf-kuv
Isolinear emitter -- ka-zehlik sayek
Isolinear memory chip -- ka-zehlik vokau-val
Isolinear processor -- ka-zehlik patorayek
Isolinear static memory core -- ka-zehlik vit-vokau-tviyan
Isomagnetic conduit -- ka-seshan-mev
Jeffries tube -- thro-mev t'Dzhefris
Key (n.) -- tal-muv
Keyboard -- ozh-svin-math
Kinetic detonator -- dvukwul-thorshayek
Knife -- lipau
LaCoya spanner -- mish-raul t'LaKoya
Ladder -- pu'uth
Lance (n.) -- li-wun
Landing bay -- fisolekau-sutauk
Laser -- ha'zehlek
Laser cannon -- ha'zehlek-thorshun
Latch -- kuhr
Lateral impulse control system -- vlaik kwitaun-tash-torektra
Lateral impulse thruster -- vlaik kwitaun-kwitek
Lathe -- da-skrimek
Launch bay -- spusau-sutauk
Launch sequencer -- spusau-zhehalanayek
Lead-acid battery -- ras-sash-kipof
Length -- wu-vath
Library computer -- oska-tum-vel
Library Computer Access & Retrieval System (LCARS) -- Ek'tho-torektra t'Oska-tum-vel
Life support -- ha'kiv-nenikaya
Lifeboat -- rishan-hali
Lifepod -- rishan-tvi'hafh
Light -- ha'gel
Light bulb -- ha'gelek
Light panel -- ha'gel-math
Lighting -- ha'gelan
Linear intermix system -- zehlik rish-folau-torektra
Linear intermix chamber -- zehlik rish-folau-vel
Liner, Ocean -- masutra-su-yata
Lining -- tvitaya
Lock (n.) -- klachek
Machine -- mish-vel
Magnathrust propulsion unit -- datau-kebi t'seshan-kwit
Magnatomic flux chiller -- samuyek t'seshan-galu-gasu
Magnet -- seshan-kov
Magnetic constrictor -- seshan-khlukhayek
Magnetic field drive -- seshan-vunai-yeturek
Magnetic field intensity -- seshan-vunai-karik'es
Magnetic flow field -- seshan-yumau-vunai
Magnetic plasma guide -- seshan-snazh-kakhartayek
Magnetic repulsor -- seshan-kwitayek
Magnetic seal interlock -- tv-i-klachek t'seshan-fen
Magnetic storage bottle -- seshan-korsau-tuhlek
Magnetometer -- seshan-thonek
Main archives -- nen-oska
Main armory -- nen-wun-shal
Main bridge -- nen-tash-svitan
Main computer processor -- nen-patorayek t'tum-vel
Main engineering -- nen-mish-sutauk
Main gangway hatch -- nen-thro-svep t'tho-yut
Main viewer -- nen-gluvayek
Maintenance shop -- rompotau-zup-shal
Manifold -- wehk-vel
Manual hatch control -- el'rupik thro-svep-tashek
Marker beacon -- ulidau-qlaribek
Marker buoy -- ulidayek
Master differential relay -- tren-natilau-gol'dvunek
Matrix inverter -- vizkulan-abomesayek
Matter gain -- tukh-nazh
Matter/antimatter containment system -- tuhlau-torektra t'tukh-tehn-tukh
Matter/antimatter reactor -- folayek t'tukh-tehn-tukh
Matter/antimatter reactor assembly (MARA) -- folayek-feretai t'tukh-tehn-tukh
Matter/antimatter storage facility -- korsau-kebitra t'tukh-tehn-tukh
Mechanism -- tor-vel
Medical stasis unit -- has-vitau-kebi
Medical tricorder -- has-reh-vipladayek
Memory chip -- vokau-val
Memory core -- vokau-tviyan
Memory head -- vokau-patam
Meter (device) -- thonek
Micro-computer -- numo-tum-vel
Micro-diagnostic table -- numo-satalau-pasu
Microcaliper -- numo-bal-thonek
Microcellular scanner -- numo-nala-glashayek
Microdyne coupler -- numo-toranu-teretek
Microfusion reactor -- numo-kaunshau-folayek
Microinducer -- numo-vimevilayek
Microlathe -- numo-da-skrikek
Microphone -- viralashek
Micropower conduit -- numo-tepul-mev
Micropower relay -- numo-tepul-gol'dvunek
Microscope -- numo-zan-vel
Microwave frequency waveguide -- vakav'es-pral-yut t'numo-prallar
Microwave oven -- numo-pral-fasek
Mine (explosive) -- ip-thorshek
Missile -- yon-kilton
Mixer -- rishek
Modem -- na-sakihtilayek
Modulator -- nakihtilayek
Molecular imaging scanner -- galutravek-glakuv-glashayek
Monitor (checking device) -- glantayek
Monitor (viewscreen) -- gluvayek
Morphogenic matrix -- shid-rub-viskulan
Multi-spatial force field -- wehk-stukhik fosh-vunai
Multi-spectral sweep -- wehk-kurtra-fnash
Multidimensional transporter -- wehk-retuka-ifisek
Multiphasic scan -- wehk-wek-glashaya
Multiphasic shielding -- wehk-weklik fo-danan
Multiphasic sweep -- wehk-wek-fnash
Nacelle -- mishu-leshek
Nacelle support pylon -- nenikau-tersau-vel t'mishu-leshek
Navigation (station) -- kharau-shal
Navigation control panel -- kharau-tash-math
Navigation light -- kharau-ha'gel
Navigational deflector -- kharau-sakwitayek
Navigational deflector monitor -- kharau-sakwitayek-glantayek
Needle -- lum
Neodyne light -- uzh-toranu-ha'gel
Neural transponder -- wel-vavayek
Neuro-electric field generator -- vunai-ferek t'wel-raf-tepul
Neuro-electric power cell -- tepul-nala t'wel-raf-tepul
Nickel-cadmium (NiCad) battery -- orn-stal-lipof
Noise reduction circuit -- raf-kuv t'ralash-netakidaya
Oil -- elmin
Observation port -- glantau-krani
Optition coil -- pakuv t'Oltion
Optical assembly -- gla-feretai
Optical data network (ODN) -- gla-faik-vistra (GFV)
Optical interface -- gla-tvihanek
Optolithic data rod -- gla-kovik faik-fek
Optronic chip -- gla-ar'kada-val
Optronic data core -- gla-ar'kadaik faik-tviyan
Optronic integrator -- gla-ar'kada-ketilayek
Optronic relay -- gla-ar'kada-gol'dvunek
Osteoregeneractor -- hinek-vaferek
Outer hatch -- si-thro-svep
Outlet -- sek
Oven -- fasek
Overload suppressor -- abru-tus-nelayek
Oxygen tank -- esh-tukh-tuhlek
Paint (n.) -- kras
Palmprint scanner -- kudar-glashayek
Panel (cover) -- wein
Panel (display) -- (gluvau-)-math
Paper -- dun
Parametallic hull plating -- plo-mokevik vukh-slaun
Particle accelerator -- pi'gal-sahrayek
Particle beam -- pi'gal-zehl
Particle beam engine -- pi'gal-zehl-mishu
Pattern buffer -- nel-dath-fukat
Pedestal -- nelka
Personnel hatch -- su-thro-svep
Personnel locator display -- su-shi-gluvayek
Piezoelectricity -- kush-raf-tepul
Phase amplifier -- wek-ashenayek
Phase coil inverter -- wek-paku-abomesayek
Phase decompiler -- wek-satravilayek
Phase discriminator -- wek-sapa'shayek
Phase modulator -- wek-nakihtilayek
Phase shift -- wek-izaya
Phase-conjugate graviton beam -- wek-terauk sesh'gal-zehlek
Phase-diverted carrier wave -- wek-mutauk lesh-pral
Phaser -- wek-zehlek
Phaser bank -- wek-zehlek-kutra
Phaser cannon -- wek-zehlek-thorshun
Phaser coil -- wek-zehlek-paku
Phaser power pack -- tepul-vel t'wek-zehlek
Phaser rifle -- kar-vek-zehlek
Photon grenade -- ha'gal-thorshek
Photon torpedo (Photorg) -- ha'gal-lushun
Photon torpedo bay -- ha'gal-lushan-sutauk
Photon torpedo launcher -- ha'gal-lushun-spusayek
Photon torpedo tube -- ha'gal-lushun-mev
Pipe -- mev
Pistol -- e'ru-pohshayek
Piston -- kwit-patam
Planetfall hatch -- ek'tra-thro-svep
Planetfall ramp -- ek'tra-thro-yut
Plasma conductor -- snazh-spayek
Plasma conduit -- snazh-mev
Plasma display subsystem -- ne-torektra t'snazh-gluvaya
Plasma distribution manifold -- wehk-vel t'snazh-sagan
Plasma injector -- snazh-vipohshayek
Plasma intercooler safety -- ek'maneklar t'snazh-tvi-samuyek
Plasma modulator -- snazh-nakihtilayek
Plasma surge -- snazh-tral
Plasma transfer conduit -- snazh-shan-mev
Plasma warhead -- snazh-thorsh-tam
Plotter -- besayek
Polaric modulator -- narak-nakihtilayek
Polarity maximizer -- narak-ek'anayek
Polaron emitter -- na'gal-sayek
Polaron field -- na’gal-vunai
Port (access) -- tersvep
Port (window) -- (pauk-)krani
Portable force field generator -- leshanik fosh-vunai-ferek
Portable phase discriminator -- leshanik wek-sapa’shayek
Portable thoron generator -- leshanik thor’gal-ferek
Potable water -- mon-masu
Power -- tepul
Power cell -- tepul-nala
Power conduit -- tepul-mev
Power converter -- tepul-rushanek
Power coupling -- tepul-tersayek
Power drain -- tepul-smashaya
Power gauge -- tepul-mik-yal
Power grid -- tepul-vis
Power outlet -- tepul-sek
Power plant -- tepul-torvayek
Power supply -- tepul-tanilayek
Power surge -- tepul-tral
Power transfer conduit -- tepul-shan-mev
Power trunk -- tepul-terur
Pre-fire chamber -- tvi-shal ‘tfe-pohshaya
Pressure control system -- vihish-tash-torektra
Pressure control system safety -- ek’mekl t’vihish-tash-torektra
Pressure seal -- vihish-fen
Pressurization duct -- vihish-mev
Pressurization/depressurization system -- vihish-sahish-torektra
Primary force field deflector -- nen-sakwitayek t’fosh-vunai
Primary hull -- nen-vukh
Primary impulse injector -- nen-kwitau-vipohshayek
Primary impulse injector plasma vent -- snazh-krau t’nen-kwitau-vipohshayek
Primary power grid -- nen-tepul-vis
Primary security net -- nen-shar-vis
Primary warp plasma feed -- nen-yemek t’tchas-snazh
Printer -- hishek
Probe (device) -- nisayek
Processor -- patorayek
Program (computer) -- tumaya
Projector -- salehmek
Propeller -- dayek
Propulsion system -- datau-torektra
Propulsion unit -- datau-kebi
Protomatter -- fu-tukh
Prototype -- fu-vel
Proximity alarm -- be’es-vikayek
Proximity transceiver -- be’es-sasau-proprahek
Pulse generator -- sagau-ferek
Pump (n.) -- spol
Quantum field -- numen-vunai
Quantum flux regulator -- numen-gasu-pakhartayek
Quantum matrix -- numen-viskulan
Quantum phase inhibitor -- numen-wek-netehnovayek
Quantum scanner -- numen-glashayek
Quantum torpedo -- numen-lushun
Quarters -- ha-shal
Radiation suit (Radsuit) -- saya-saikhut
Radiator -- sayek
Radiogenic warhead -- sau-thorsh-tam
Rake (n.) -- dref
Ramat detonator -- ramat-thorshayek
Ray (beam) -- ha'zehl
Razor -- hohl-vel
Reactance injector -- folau-vipohshayek
Reaction-control system (RCS) -- folau-tash-torektra
Reaction-control thruster -- folau-tash-kwitek
Reactive body armor -- folauk vukhut-fo-wein
Reactor -- folayek
Reactor core -- folayek-tviyan
Receiver -- poprahkek
Recorder -- vpiladayek
Recorder-marker launch system -- spusu-torektra tvipladayek-ulidayek
Recycling -- va'ash-da-nel
Recycling plant -- va'ash-da-nelek
Reel (n.) -- magu
Reflector -- haul-vel
Refrigerator -- samek-mish-vel
Refueling port -- hal-tukhau-tersvep
Regenerative force field -- vafer-fosh-vunai
Regenerator -- vaferek
Regulator -- pakhartayek
Relay (n.) -- gol'dvunek
Replicator -- nel'ashayek
Replicator memory core -- kolau-tviyan t'nel'ashayek
Resonance emitter -- kusilau-sayek
Resonator -- kusilayek
Retinal pattern scanner -- nel-dath-glashayek t'glan-nalatra-tin
Rifle -- kar-pohshayek
Ring latch -- mokuv-kuhr
Road -- fau-yut
Roof -- kam
Room -- tvi-shal
Rope -- man-elakh
Safety (device) -- ek'manek
Saucer section -- mathra-krus
Saucer separation -- mathra-dahshaya
Scan (n.) -- glashaya
Scan field selector -- glashau-vunai-dvelek
Scan mode selector -- glashau-nuk-dvelek
Scan range selector -- glashau-eik'es-dvelek
Scanner -- glashayek
Science tricorder -- ek'tal-reh-vipladayek
Screen (display) -- gluvayek
Screen (shield) -- sananek
Seal (n.) -- fen
Secondary command processor -- dahr-khartau-patorayek
Secondary hull -- dahr-vukh
Section -- krus
Security armor -- shar-fo-wein
Security code -- shar-kiht
Security scan system -- shar-glashau-torektra
Selection panel -- dvel-math
Selector -- dvelek
Self-destruct (n.) -- shai-vashaya
Self-destruct system -- shai-vashau-torektra
Self-replicating mine -- shai-nel'ashauk ip-thorshek
Self-sustaining holo-emitter -- shati-potunik reh-bikuv-sayek
Sensor -- kashek
Sensor activity monitor -- kashek-toran-glantayek
Sensor array -- kashek-zehlaya
Sensor array monitor -- glantayek t'kashek-zehlaya-torektra
Sensor feed -- kashek-ymek
Sensor focusing coil -- kashek-thakau-paku
Sensor matrix imput grid -- svin-vis t'kashek-viskulan
Sequencer -- zehlanayek
Sewage -- guhsh-masu
Sewer main -- guhsh-masu-ek'mev
Sewing machine -- og-vel
Shell (n.) -- fo
Shield (n.) -- fo-dan
Shield emitter -- fo-dan-sayek
Shielding -- fo-danan
Shifter -- izayek
Ship -- hali
Shredder -- tresahk-vel
Shuttle(craft) -- shan-hali
Shuttle(craft) bay -- shan-hali-sutauk
Shuttle(craft) bay door -- svep t'shan-hali-sutauk
Shuttle(craft) hangar -- hali-kel t'shan-hali
Sickbay -- has-sutauk
Signal (n.) -- glantokaya
Signal beacon -- glantokau-glaribek
Signal generator -- glantokau-ferek
Signal subprocessor -- glantokau-ne-patorayek
Site-to-site transporter -- shi-shi-ifisek
Slipstream drive -- trel-pilash-yeturek
Smokestack -- vuzh-mev
Sonic shower -- rashash-mashlayek
Space-energy field attraction sensor -- skamau-kashek t'stukh-tepul-vunai
Space-energy/matter sink -- prai-vel t'stukh-tepul-tuhk
Spaceship -- stukh-hali
Spacesuit -- stukh-saikhut
Spark (n.) -- kil
Stasis tube -- vitau-mev
Speaker -- saralashek
Spear (n.) -- tilek
Speed -- threshan
Spindle (n.) -- magu
Stabilizer -- thetiayek
Stairs -- kaiden
Stairwell -- kaiden-ur
Starliner -- yel-su-yata
Starship -- yel-hali
Starter -- palikayek
Stasis -- vitaya
Status board -- nosh-math
Stern (n.) -- harr-krus
Storage compartment -- tsorayek
Strap (n.) -- zhel
Structural integrity field (SIF) -- kel-ket'es-vunai
Structural support -- kel-nenikaya
Subatomic disrupter -- ne-galu-feshelek
Subcutaneous transponder -- ne-wadi-vavayek
Submarine -- ne-masu-hali
Subprocessor -- ne-patorayek
Subspace communications -- ne-stukh-sviribaya
Subspace communicator -- ne-stukh-sviribayek
Subspace field grid -- vunai-vis t'ne-stukh
Subspace transceiver array -- sasau-proprah-zehlaya t'ne-stukh
Subspace uplink -- ne-stukh-abrunaf
Subspace waveguide -- pral-yut t'ne-stukh
Superconducting power supply trunk -- pid-spaik tepul-tanilau-terur
Superconductor -- pid-spayek
Support pylon -- nenikau-tersau-vel
Surge arrestor -- tral-pehkayek
Surgical tissue regenerator -- sharushan-nalatra-vaferek
Survival suit -- rishan-saikhut
Switch -- dvelek
Synaptic stimulator -- wel-haf-kastorilayek
Synthesizer -- fereikek
Syringe -- vipohtek
Table -- pasu
Tachyon beam -- sahr'gal-zehl
Tachyon field -- sahr'gal-vunai
Tachyon scanner -- sahr'gal-glashayek
Tandem impulse unit -- vlavla-kwitau-kebi
Tank (storage) -- tuhlek
Targeting sensor -- les-kashek
Telescope -- irak-zen-vel
Temporal field generator -- wak-vunai-ferek
Temporal transmitter -- wak-sasayek
Temporal transponder -- wak-vavayek
Teratogenic coolant -- stislaq-samuyau-tukh
Tether coupling -- elsaku-tersayek
Thermal guidance sensor -- falek-kakhartau-kashek
Thermometer -- falek-thonek
Thoron particle-beam rifle -- kar-pohshayek t' thor'gal-zehl
Thoron shock emitter -- thor'gal-kolau-sayek
Throttle -- threshan-tashek
Thrust iniator -- kwit-palikayek
Thruster -- kwitek
Thruster array -- kwitek-zehlaya
Thruster pack -- su-kwitek
Thruster suit -- kwitek-saikhut
Timer -- wakek
Tissue regenerator -- nalatra-vaferek
Tool -- raul
Torpedo -- lushun
Touchkey panel -- esta-tal-muv
Tractor beam -- seshau-zehl
Tractor beam emitter -- seshau-zehl-sayek
Transceiver -- sasau-propahhek
Transceiver array -- sasau-propah-zehlaya
Transkinetic chamber -- mesakh-dvunik tvi-shal
Transmitter -- sasayek
Transparent aluminum -- fnagla-wan-tukh
Transponder -- vavayek
Transport (vessel) -- ifis-hali
Transport scanning beam -- ifis-glashau-zehlek
Transporter (matter) -- ifisek
Transporter beacon -- ifisek-glaribek
Transporter buffer -- ifisek-fukat
Transporter lock -- ifisek-klachek
Transporter pad -- ifisek-math
Transporter platform -- ifisek-skaf
Transporter room -- ifisek-tvi-shal
Transporter scrambler -- ifisek-parishek
Transtator -- mesnoshek
Transverse bulkhead -- mes-tvi-temok
Transwarp corridor -- mesakh-tchas-tvur
Transwarp drive -- mesakh-tchas-yeturek
Travel pod -- halovau-tvi'haf
Tricobalt explosives -- thorshau-tukh t'reh-pla-tukh
Tricorder -- reh-vipladayek
Trigger -- ozh-gonaf
Trilithium explosives -- thorshau-tukh t'reh-pim-tukh
Trolley coupler -- ne-halektra-teretek
Turbolift -- seshan-sa'adek
Turbolift car -- seshan-sa'adek-hal
Turbolift shaft -- seshan-sa'adek-ur
Unimatrix shielding -- wuh-viskulanik fo-danan
Universal translator -- ek'mesukh-stari-vel
Utility belt -- isan-san-zhel
Valve -- spunek
Velocity -- threshan
Vent (n.) -- krau
Ventilation -- kraulaya
Ventilator -- kraulayek
Vessel (ship) -- hali
Viewer -- gluvayek
Viewing screen -- gluvayek
Viewscreen -- gluvayek
Visual sensor pickup -- gla-kashek-prahek
Voice/data selector -- spes-faik-dvelek
Volume control -- ral'es-tashek
Wall -- temok
Warhead -- thornsh-tam
Warp core -- tchas-tviyan
Warp core breach -- tchas-tviyan-shaya
Warp core matrix compositor -- viskulan-teritetayek t'tchas-tviyan
Warp conduit -- tchas-mev
Warp diagnostic assembly -- feretai t'tchas-nosh-nisaklar
Warp drive -- tchas-yeturek
Warp drive prestart sequencer -- fe-palikau-zehlanayek t'tchas-yeturek
Warp engine -- tchas-mishu
Warp engine nacelle -- tchas-mishu-leshek
Warp factor -- tchas-kla
Warp field -- tchas-vunai
Warp field generator unit -- ferek-kebi t'tchas-vunai
Warp plasma conduit -- tchas-snazh-mev
Warp plasma filter -- tchas-snazh-kapol
Warp plasma stabilizer -- tchas-snazh-tihetilayek
Warp plasma subprocessor -- ne-patorayek t'tchas-snazh
Warp speed -- tchas-threshan
Waste management system -- guhsh-khartau-torektra
Wastewater -- guhsh-masu
Wastewater recycling plant -- va'ash-da-neleke t'guthsh-masu
Water main -- masu-ek'mev
Waveguide -- pral-yut
Wheel -- halek
Width -- eik-vath
Window -- krani
Wing (n.) -- rala
Wire (electrical) -- raf-elakh
Workbee -- ar'kada-ravot
Workshop -- zup-shal
Wormhole -- stukh-riur
Wrench -- mish-vel-raul
Wrist communicator -- kar-nik-sviribayek

**Technological Abbreviations**

As is the case with most highly technological humanoids/vulcanoids with spoken and written languages, the Vulcans have developed abbreviations and acronyms to make using the specialized terms in the technical, engineering, spacefaring, infrastructure, weaponry fields, etc., easier in conversation, teaching and documentation. Below you will find an introductory list of some Golic Vulcan technical abbreviations and acronyms:

**D-PY** (dahshayek t'pa-tukh-yumaya) -- gas flow separator

**DKhP** (dahr-khartau-patorayek) -- secondary command processor

**ESV** (ek'mesukh-stari-vel) -- universal translator

**ET-OTV** (ek'tho-torektra t'Oso-tum-vel) -- Library Computer Access & Retrieval System (LCARS)

**FF-TT** (folayek-feretai t'tukh-tehn-tukh) -- matter/antimatter reactor assembly (MARA)

**FK** (faik-kal) -- data node

**FPZ-KY** (fe-palikau-zehlanayek t'kwitau-yeturek) -- impulse drive prestart sequencer

**FPZ-TY** (fe-palikau-zehlanayek t'tchas-yeturek) -- warp drive prestart sequencer
FRK (fukat-raf-kuv) -- buffer circuit
FSNS (ferek t'sutor-ne-seshan) -- artificial gravity generator
FTT (folau-tash-torektra) -- reaction-control system (RCS)
FTV (faik-tsrora-vel) -- data storage device
FV (faik-vistra) -- data network
FV-HSE (faik-vistra t'ha'gel-slah-elakh) -- fiber-optic data network
FV-KRT (fosh-vunai t'kur-raf-tepul) -- chromoelectric force field

G-ET (glantayek t'ek'sitra-torektralar) -- environmental systems monitor
G-RNT (glantayek t'ro'fori-ne-torektralar) -- information subsystems monitor
GDF (galu-dahshau-folayek) -- fission reactor
GFV (gla-faik-vistra) -- optical data network (ODN)
GGG (galutravek-glakuv-glashayek) -- molecular imaging scanner
GKF (galu-kaunshau-folayek) -- fusion reactor
GKhT (guhsh-khartau-torektra) -- waste management system
GS-PT (gasu-spayek t'pid-tepul) -- high energy flux conductor

H-L (ha'gal-lushun) -- photon torpedo (photozp)

IGZ (ifis-glashau-zehlek) -- transport scanning beam

K-HRB (kefik has-reh-bikuvsu) -- emergency medical hologram (EMH)
KFF (kahlah-fish-ferek) -- inertial dampening generator
KFV (kvaht-faik-vistra) -- backup data network
KHN (kef-ha'kiv-nenikaya) -- emergency life support
KK-STV (korsau-kebi t'samu-tor-vitaya) -- cryogenic storage unit
KKV (kel-ket'es-vunai) -- structural integrity field (SIF)
KTS (kvaht-tash-svitan) -- auxiliary control (room)
KYP (kwitau-yumau-pakhartayek) -- impulse flow regulator
KZ-VV (ka-zehlik vokau-val) -- isoinlinear memory chip

L-FVF (leshanik fosh-vunai-ferek) -- portable force field generator
L-S (lerahk-sov) -- compressed air
L-ThF (leshanik thor'gal-ferek) -- portable thoron generator

MTY (mesakh-tchas-yeturek) -- transwarp drive

NDG-GNT (nei-dath-glashayek t'glan-nalatra-tin) -- retinal pattern scanner
NGP (numen-gasu-pakhartayek) -- quantum flux regulator
NP-TV (nen-patarayek t'tum-vel) -- main computer processor
NS-FV (nen-sakwityayek t'fosh-vunai) -- primary force field deflector
NSM (ne-seshan-math) -- artificial gravity plate (grav-plate)
NVG narak-vel-glashaya) -- polaron scan
NYY (natilau-vimevilau-yeturek) -- differential induction drive
NWN (numen-wek-netehnovayek) -- quantum phase inhibitor

PK-SDH (prah-kashke t'SDH) -- DNA acquisition sensor
PKY (pid-kwitau-yeturek) -- hyperimpulse drive
PM-VS (plo-mokevikh vuh-slaun) -- parametallic hull plating
PS-TTT (pid-spak tepul-tanilau-terur) -- superconducting power supply trunk
PST (pada-seshan-thetilayek) -- gyromagnetic stabilizer
PTG (pada-toranu-gol'dvunek) -- gyrodyne relay
R-SRK (ritalikalik sasatilau-raf-kuv) -- asymmetric decryption circuit
R-VRK (ritalikalik visatilau-raf-kuv) -- asymmetric encryption circuit
RKG (raf-kuv-gol'dvunek) -- circuit relay
RKSh (raf-kuv-shayek) -- circuit breaker
RSM (raf-snazh-mev) -- EPS conduit
S-N (sov-noshaya) -- air conditioning
SHT (si-hali-torai) -- extravehicular activity (EVA)
ShFT (shati-fisolekau-torektra) -- auto-landing system
ShKT (shati-kifau-torektra) -- auto-dock system
ShShI (shi-shi-ifisek) -- site-to-site transporter
ShVT (shai-vashau-torektra) -- self-destruct system
SK (sagan-kal) -- distribution node
SShM (snazh-shan-mev) -- plasma transfer conduit
ST-VU (spusau-torektra t'vipladaye-kulidayek) -- recorder-marker launch system
SV-KV (svin-vis t'kashek-viskulan) -- sensor matrix input grid
SVF (sakwitayek-vunai-ferek) -- deflector field generator
SZ (sakwitayek-zehlaya) -- deflector array
SZS (seshau-zehl-sayek) -- tractor beam emitter
T-NS (tehn-neh-seshanek) -- anti-grav (unit)
TN-DP (terfitilau-nentu t'dah-pim-tukh) -- diliithum articulation frame
TN-DPKh (tuhluu-nelka t'dah-pim-khushlar) -- diliithum containment pedestal
TN-WRT (tepul-nala t'wel-raf-tepul) -- neuro-electric power cell
TS (tash-svitan) -- bridge, command center
TSM (tchas-snazh-mev) -- warp plasma conduit
TST (tvi-svribau-torektra) -- intercom system
TT-TT (tuhluu-torektra t'tukh-tenh-tukh) -- matter/antimatter containment system
TTK (tusla-tsaorau-keltra) -- cargo storage complex
TV (tum-vel) -- computer
TVT (tih-viskulan-tertitya) -- beta matrix compositor
UKG (u'gal-kusilau-glashayek) -- electron resonance scanner
V-DMT (vipooshayek t'dah-masu-tukh) -- deuterium injector
V-KTT (vialk kwitau-tash-torektra) -- lateral impulse control system
VF-WRT (vunai-ferek t'wel-raf-tepul) -- neuro-electric field generator
VST (vihish-sahish-torektra) -- pressurization/depressurization system
VT-TT (visiku-tertitya t'tchas-tviyan) -- warp core matrix compositor
VV-KM (vimevilau-viskulan t'kwita-mishu) -- impulse engine induction matrix
VV-DDS (vimevilau-yeturek t'dah-da-sfek) -- coaxial induction drive
WPA (wek-pakuv-abomesayek) -- phase coil inverter
WVF (wak-vunai-ferek) -- temporal field generator
WZK (wek-zehlek-kutra) -- phaser bank
YFK (yem-fereik-keli) -- food synthesis unit
YNT (yon-nelau-torektra) -- fire suppression system
YPF (yetur-pakuv-feretai) -- driver coil assembly
Proposed Method For Writing Vulcan Names

This is the only section of this book not taken from the Vulcan Language Institute website. This section is from the Center for Vulcanism site which can be found at idic.tripod.com

Proposed Method For Writing Vulcan Names
These are the name starters:

\[ \text{S} = \text{S} \quad (\text{Usually Masculine}) \]

\[ \text{T} = \text{T} \quad (\text{Usually Feminine}) \]

\[ \text{V} = \text{V} \]

You will probably recognize "S" as one of the symbols seen on many of Sarek's robes.

Additional characters follow on the next page.
Vulcan character:

<table>
<thead>
<tr>
<th>English sound:</th>
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<tr>
<td>ar</td>
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<td>as in &quot;car&quot;</td>
</tr>
<tr>
<td>ir</td>
</tr>
<tr>
<td>as in &quot;ear&quot;</td>
</tr>
<tr>
<td>or</td>
</tr>
<tr>
<td>as in &quot;corn&quot;</td>
</tr>
</tbody>
</table>

Some additional characters:

These are the enders for names:
Some examples:

![Surak](image1)

![T'Pel](image2)

Or, to write a name in a horizontal format:

![Tuvok](image3)

*The Modern Vulcan characters for {p} in "T'Pel", and {uu} and {v} in "Tuvok" were created by Rob Zook. Used by permission.*
Internet resources

Please visit the **Vulcan Language Institute** website for more information about the Vulcan language:

www.vulcanlanguage.com

Other websites you may find interesting:

The **Vulcan Language Dictionary** at www.starbase-10.de/vld/

The **Center for Vulcanism** at idic.tripod.com includes an explanation of how to write Vulcan names.

The **Center for the Advancement of Vulcanism** at members.fortunecity.com/stanek/

The **Vulcan Resource Center** at my ohio voyager.net/~surak/Vulcan/vulcan.html

**IDIC Jewelry** is available by searching for IDIC at store.roddenberry.com

The **vulcan-l** mailing list, for discussion of all things Vulcan, is mirrored in the alt.fan.surak newsgroup.

Dif-tor heh smusma.