'tls-md': A tool for exploring a lexical database describing classical Chinese

Christian Wittern

Introduction

The TLS (see below) has been in development for over 30 years. Nowadays, it can be used through an interactive website (https://hxwd.org). It uses a fine-grained system of patterns to describe the syntactical functions and applies them to a growing corpus of premodern Chinese texts.

The descriptions are dense, but sparse. At the moment, mostly usages that are for some reason considered remarkable are noted. In the process of further developing the project, it has been suggested to apply complete descriptions to a small corpus of core texts. As a preparation for this side project, we want to revise the data model to make the process of attributions more efficient and consistent. The first step in this modelling exercise is a more detailed analysis of the existing descriptions. To achieve this, we export the data to a separate target format and analyse it. Based on the results of this analysis, we revise the export format and repeat until we have satisfying results. This presentation will report about the general setup and the first iterations of analysis and their results, which are published as a dataset under the label 'tls-md'. But first, we have a more detailed look at the contents of the database

What is the TLS / 漢學文典 Hànxué Wéndiǎn?

The Thesaurus Linguae Sericae (TLS) is a comprehensive database for the study of premodern Chinese, begun by Christoph Harbsmeier at Oslo University in the 1980s. It was implemented by Jens Østergaard Petersen (Copenhagen) over a long period of time using the Filemaker database application.

The database is now developed at the **Center for Innovative Informatics of the Humanities**, Institute for Research in Humanities, Kyoto University, mainly as an interactive research tool for close reading of premodern Chinese texts, publicly available at https://hxwd.org.

Overview of the TLS

There are different ways to describe the TLS. In some ways, the TLS can be seen as a textual database with extensive features for annotation of texts. In the first decades of the project, the establishing of a philological trustworthy text has been outside the scope of the TLS. So texts that had already been established and punctuated form the core of the TLS, with a focus on the main philosophical and historical texts up to the Han. Buddhist texts translated into Chinese, as well as indigenous Buddhist texts, however, have also been part of the database for many years. The texts are displayed in short lines that form somehow as smallest semantic units, usually less than 10 characters of length.

The lexical annotation is inspired by the work of Juri D. Apresjan on the principles of systematic

1 The dataset is available on GitHub (<u>tls-md/tls-md</u>), but has also been published to Zenodo (doi:10.5281/zenodo.12669531).

lexicography (<u>Apresjan 2000</u>) and (<u>Apresjan 2008</u>) and in a more general sense, by valency grammars and dictionaries based on the (see <u>Herbst 2004</u>), but the patterns for expressing the functions have been developed by Christoph Harbsmeier, as outlined in (<u>Harbsmeier 2016</u>).

In addition to this, the unique contribution of this system is the development of broader semantic categories (called CONCEPTS in our system), under which the specific lexical entries are filed². Table 1 gives the content of the database as of 2024-07-01.

Table 1: TLS content as of July 1st, 2024

Туре	Count
Concept	3007
Words	15019
Lexical Entries	45331
Syntactic functions	1975
Attributions	211569

Concepts are here understood as grouping together words that can in some sense act as synonyms or near synonyms for a given semantic field. They are themselves also defined using a logical description that form a coherent conceptual space in a Leibnizian sense. In addition, they try to enumerate contrasts to similar words in other conceptual spaces.

The annotations themselves thus form the bridge between (1) the abstract conceptual space of the language, and (2) the texts, where the concepts are observed.

漢學文典 Hànxué Wéndiǎn

漢學文典 Hànxué Wéndiǎn (HXWD) is the Chinese name of the TLS database and also the title of the website, on which collaborative work on the TLS has been conducted since 2019, it can be accessed at hxwd.org.

The website has been designed to support collaborative research from the outset. The main features and technical characteristics are as follows:

- The texts are encoded using XML files with markup as recommended by the Text Encoding Inititiative (TEI, see tei-c.org)
- Annotations and other descriptive notes are represented using XML, based on TEI markup, but with modifications for specialized constructs.
- The eXist XML database is used in the backend, with XQuery to serve the content to the browser.
- The user interface in the browser is based on bootstrap, jQuery and Javascript.

 Registered users can add translations, annotations and (depending on the individual permissions) also add or modify concepts, phonetic profiles, character taxonomy and many other types of information. The website is still under development, but requests for user
- 2 The Syntactic functions and Lexical entries will be described below.

accounts are accepted through a signup form.

Linguistic data modeling

The current data model was introduced with the transition to the XML database. The previous version had been realized as a relational database with a complex structure of relations. Compared to this, XML allows much more freedom in data modelling, according to the needs of the topic domain. This freedom comes with a price, efficiency of processing has to be balanced against elegance of structure.

In the end, separate taxonomical hierarchies had been created for the Concepts, as well for the Syntactical Functions. Lexical entries, grouped in Words (at that time the term Syntactic Word, SW was used) have been added to the Concepts they are associated with. For multivalent words, this can easily lead to a situation where there are dozens of such entries.

As an example, Figure 1 shows an excerpt from the Concept **HOPE**, listing as first entry the word 原, with 12 **Syntactic words** (there are also Word relations, but they are out of scope for this presentation)

Given the size of the database and the detailed level of linguistic description, which has evolved over a long period of time, it is difficult to gain a thorough understanding and overview of just what it depictures. So the present data-set is intended to offer a playful means to gain ab bit more of an insight and explore what can be discovered here.

Now, in the era of large language models it seems questionable and unfashionable to have a (comparatively) small model that is hand-made by a very small group of scholars in an eclectic and even whimsical way. Deliberately and intentionally, what is annotated in this database is the exception from the rule, unusual and therefore remarkable and worth our attention; the conforming bedrock underlying these exception is obvious and to a larger degree unmentioned. While this poses problems for any statistical analysis, it does not preclude all analysis: The number of annotations might not reflect proportions of actual usages, since they are biased towards the rare and exceptional, but the coverage of Lexical entries as such should be quite complete, with (hopefully) few omissions, especially in key words that have a wide and diverse range of usage, such as $\not \Rightarrow$ (153 Lexical entries) or $\not \Rightarrow$ (100).

To understand better how these Lexical entries are constructed, a short detour into the Syntactic functions as they are used in the TLS is required.

Syntactic functions

Every word, outside of a dictionary or wordlist, appears in the context of other words and is defined in part through this relation to its context. Understanding a word thus requires not only to gain an understanding of the broad semantic field and the specifics of actual usage, but of the way it sits in the context of larger units of meaning, taken here to occur most significantly at the level of a phrase. These functions on the syntactical level are then described as patterns of occurrences³, using a specific pattern language developed for this purpose (see <u>Harbsmeier 2016</u> for the details).

This is quite similar to the valency grammars applied to a variety of languages, for an introduction and overview (see <u>Herbst 2004</u>, p. XXIIIff and passim).

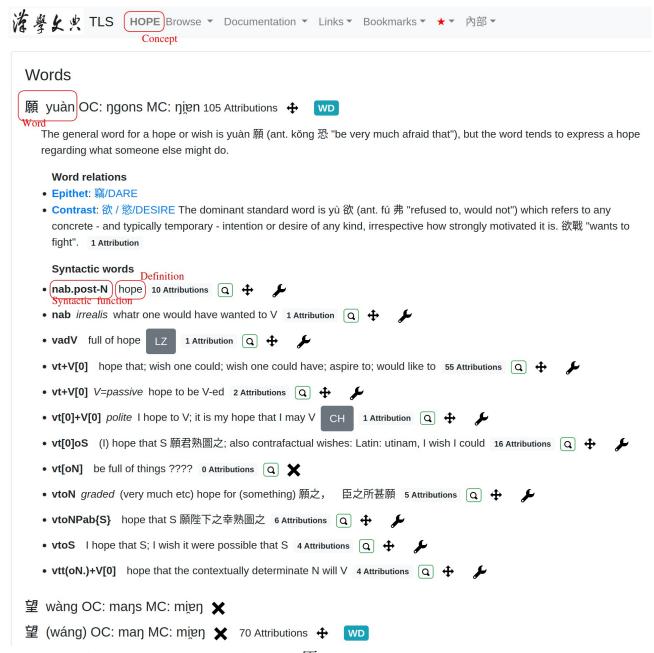


Figure 1: The Concept HOPE and the Word 原

(1) <u>禮記 43</u> 先正其心; they first rectified their hearts.

The Syntactic functions are also arranged in a taxonomic hierarchy which can be inspected in the data-et, for which the page "Top level syntactic functions" provides a good entry point. Lexical entries constructed with the pattern of a Syntactic function under consideration will appear as links to this page and can be inspected conveniently.

Lexical entries

A **lexical entry** in this system is a combination of the following items.

- one or more graphic representations of the lexeme in question
- phonetic expression(s) of the lexeme
- a pattern of the **syntactic function** of this lexical item, as detailed as possible
- a **semantic feature** which expressed a functional semantic aspect of the entry, if applicable⁴
- a definition of how the meaning of the lexical item is taken (this description currently is in English only)
- the concept under which this lexical item is filed

These five (or six) aspects together form the **lexical entries** at the core of the lexical database. The word 心 in the example given above will thus be defined as follows and filed under the concept ATTITUDE:

Another area of interest that should be available to relatively satisfying inspection is the question of how individual words and the larger semantic fields they are associated with do relate. The use of these semantic fields, even quite independently of their taxonomical hierarchy, is a unique feature of this data-set and offers previously unavailable windows into the workings of the Chinese language.

Exploring the tls-md dataset

What is the dataset

Tls-md is a snapshot of the TLS on HXWD created 2024-06-18. It is an attempt to provide access to the content of this database with minimal efforts. The database, which is maintained in XML format, has been exported to a static set of interlinked files in Markdown format.

The format and the specific modelling used here has been chosen to allow the usage of a Markdown editor called Obsidian⁵

About Obsidian

Obsidian is not open source and little is known about the company behind the software. It is build using open source frameworks and components and also provides a plugin interface that has been used to develop a large number of open source plugins. The editor is build using Typescript and this can also be used to extend the functionality. The main purpose of developing Obsidian was to provide an editor for (Personal) Knowledge Management (PKM), which has become a hot topic in certain corners of the Internet in the last couple of years⁶. This was inspired to no small degree by the "Zettelkasten" famously used by Nikolaus Luhmann (see <u>Schmidt 2018</u>) and various attempts to implement a digital version of this. Söhnke Ahrens, a German sociologist, also wrote an influential book based on Luhmann's approach (<u>Ahrens 2017</u>)), but projecting the workflow into the digital

- 4 This category is underdeveloped and needs some attention. While it is included in the dataset, it should be seen a preliminary and more as a collection of semantic features rather than a systematic exploration.
- 5 Available for free download from https://obsidian.md.
- 6 Influential websites include https://zettelkasten.de, https://www.linkingyourthinking.com and https://roamresearch.com.

age, with a specific view towards addressing the need of students and knowledge workers. One of the basic principles most software following this trend implements is the notion of two-directional links: On creating an internal link (which is also made very convenient), not just the outgoing link is registered, but the page that is target of the link will also have the incoming link available, even with an option to display it as an appendix of the file.

The data format used by Obsidian is Markdown – a minimal markup language created as a pun on heavy duty markup languages based on XML, such as HTML, that are extremely verbose in their attempt to make every aspect of a text machine readable and actable. Markdown, which is not a standard and has since its inception 20 years ago sprouted a cottage industry of slightly variant versions that are not completely compatible, but allow some degree of interoperability, takes the opposing path: Paragraphs are implicit by two new line characters, bullet lists are created with a hyphen followed by a space '- ' and so on. There are also conventions for at least some inline markup such as bold or italic, thus filling a wide range of needs⁷.

In Obsidian, individual files are called 'notes' here and can be easily linked to each other. They can be displayed either in 'reading mode', where the text looks similar to the display in a web browser, or 'editing mode'. Editing can be done in 'live preview' mode, where the text looks similar to the reading mode. Some features are not available in live preview, for these cases 'Source mode' can be used, which shows the text exactly as it appears in the file. Obsidian is written in Typescript, a variant of Javascript. It can be extended using plugins. A vibrant user community has produced thousands of plugins, of which the most popular ones have been downloaded more then 2 million times (as of June 2024). One interesting feature of Obsidian is that it allows 'transclusion' of links: include the content of a note or a portion of it in another note for display, while the text is still only kept in one place.

Using the dataset

To use the dataset, download or clone it somewhere on your device and open the folder within Obsidian as a 'Vault'⁸. Upon first opening, it has to be indexed, which might take some time depending on the hardware, but it is usually necessary just once. Since the dataset uses third-party plugins, the permission to run the so-called community plugins is also required.

The linguistic space as described in the dataset can then be browsed. Every data item has its own note and all of these notes are interlinked as appropriate; these links can be used to dig into the dataset. The data exported from the TLS database are not surprisingly in the folder "TLS".

"Texts" has a list of annotated texts, but the texts themselves are not available, so this list is mainly used to provide access to annotated lines from these texts, these are contained in the dataset, as part of the notes for the Lexical entries that quote these.

The **Dataview** plugin⁹ implements a simple query language to write queries against the files in an Obsidian vault. Some example files with 'Query' in the name are also part of the dataset, but the user is encouraged to create queries for items of interest. For details, please refer to the documentation of the dataset and of the plugin.

In addition, there are some "Tables" that provide links to some items based on frequency of occurrence. These will be described in the following section.

- 7 Markdown was created by the bloggers John Gruber and Aaron Swaartz, originally together with a perl script, that would convert the files to full-blown HTML, see https://daringfireball.net/projects/markdown/.
- 8 This is Obsidian's term for a folder containing a set of interrelated notes, from the view of the software they are treated as one dataset.
- 9 See https://blacksmithgu.github.io/obsidian-dataview/

Relation of Words and Concepts

One of the unique features of the TLS, as has been already mentioned, is the way Lexical entries (and thus, indirectly, Words) are assigned to Concepts. It would now be interesting to further investigate the interconnection between these two layers, as seen from a birds-eye view. What are the Concepts that have an especially large number of words associated? And does the order change if we look for Lexical entries instead? Or, reversing the gaze, what are the Words (or Lexical entries) that have an especially broad range of Concepts associated? And which of these Concepts are weighted strongest for a word? Are there core meanings that can easily be identified with this method? Given this dataset, we can not only look at the table, but in fact interactively dig into the entities and see exactly what is defined there. But to give an overview answer to these questions, some of the tables are reproduced in the Appendix of this paper.

The tables do offer some interesting glimpses into layers of the Chinese lexicon that are otherwise difficult to access. The most frequent Concept, both in terms of associated Words (193) as well as Lexical entries (296) is <u>EGO</u>, which contains all of the various ways a speaker can refer to himself like 予, 余, 朕, 吾, 我 and so on. Studying the list and attested sentences also shows in detail how the usages change according to context.

The second most frequent concept is <u>UNDERSTAND</u> with 122 Words and 271 Lexical entries, here we have words like 知, 通, 見, and 明 coming up prominently, next follows <u>ACT</u> and <u>SPEAK</u>, these are not really surprising, but interesting and unexpected is <u>HAPPY</u> which comes next with 156 Words and 237 Lexical entries and words such as 樂, 福, 安樂, 安 and 喜.

A look at the other table reproduced in the Appendix reveals the Words with the most diverse semantic field. Here we have 為, 有, 出, 行, 以, 當 at the top of the list with an impressive count of 47 for 為 and 33 for 當. Even the last in this list of 200, 夷, still has 13 Concepts in which it formed words. We can see here how strongly polysemic the language depicted here is.

While it may be tempting to assume that the strong polysemy on display here to be a characteristic of the language itself, at least the details shown here will also be an artefact of the description itself, showing a bias of the compilers of this dataset.

Conclusions

The dataset here provides a snapshot of a deep linguistic description of the Chinese language, as seen through some of its core texts. The first intention in creating it was to allow easier discovery of better ways to model the entities that make up this description.

But as it exists now, it can serve to allow more users more freely interact with the TLS. It can be also used as an offline reference and even for the attribution of new texts that have not yet been added to the main database. There might also be other not yet imagined ways to use it, which is way it is released as it is under a license that allows reuse with attribution.

This kind of refactoring and reconsidering of the main decisions after some experience has been gained with the data is an important exercise that improves the precision and consistency on the one hand, and will hopefully also allow for a more efficient reworking of the TLS database.

As to the content of the dataset, a comparison with the degree of polysemy exhibited in large language models might prove insights to the degree of deviation and bias with this dataset.

References

Ahrens, Sönke. 2017. How to Take Smart Notes: One Simple Technique to Boost Writing, Learning and Thinking: For Students, Academics and Nonfiction Book Writers. North Charleston, SC: CreateSpace.

Apresjan, Juri. 2000. Systematic Lexicography. Oxford University Press.

Apresjan, Juri D. 2008. "Principles of Systematic Lexicography." *Practical Lexicography. A Reader*, 51–60.

Harbsmeier, Christoph. 2016. "A Summary of Classical Chinese Analytic Syntax." In *Problems in Chinese and General Linguistics*, *Sergey Yakhontov Anniversary Volume in Honor of His 90th Birthday*, 525–77. Saint Petersburg: Saint Petersburg State University.

Herbst, Thomas, ed. 2004. *A Valency Dictionary of English: A Corpus-Based Analysis of the Complementation Patterns of English Verbs, Nouns, and Adjectives*. Topics in English Linguistics 40. Berlin; New York: Mouton de Gruyter.

Schmidt, Johannes F. K. 2018. "Niklas Luhmann-S Card Index: The Fabrication of Serendipity." *Sociologica* 12 (1): 53–60. https://doi.org/10.6092/issn.1971-8853/8350.

Appendix

A: Concepts by Lexical entries

This table shows the 200 most frequently used Concepts, in descending order of the number of Lexical entries they are associated with.

Concept	Words	Lexical Entities
EGO	193	296
UNDERSTAND	122	271
ACT	118	264
SPEAK	87	243
HAPPY	156	237
YOU	159	232
RULER	106	228
EXCELLENT	105	226
CHANGE	95	218
RESEMBLE	75	216

Concept	Words	Lexical Entities
DIE	125	200
BEAUTIFUL	98	198
GIVE	77	197
FEAR	90	196
CONFORM	95	195
ALL	105	190
GOOD	83	190
GOVERN	90	186
DESTROY	84	177
WICKED	90	175

Concept	Words	Lexical Entities
ENDURING	100	173
DELIGHT	82	173
INTENSELY	105	169
STUPID	99	166
PEOPLE	113	164
THINK	75	156
RESPECT	64	156
MANY	84	153
DISTANT	58	153
CONFUSED	85	152
PEACEFUL	71	150
PAST	86	149
INVESTIGATE	87	148
THIS	39	148
STRONG	61	145
SAD	96	143
FRIEND	88	142
CUT	84	140
UNRESTRAINED	73	139
ATTACK	68	136
TEACH	67	136
SHOW	61	136
STATES	111	135

Concept	Words	Lexical Entities
MISTAKE	58	135
OFFICIAL	105	133
DISTRESS	70	133
MINISTER	57	131
OFFEND	63	130
WISE	67	129
COMMAND	54	128
STOP	52	127
LOVE	51	127
HOW	68	126
RELY ON	61	126
METHOD	64	125
DESIRE	61	123
HATE	47	122
KILL	77	120
FLEE	54	120
NAME	39	119
DIFFERENT	51	118
THEREUPON	76	116
WORK	74	116
СНЕАТ	58	116
COMPLETE	48	116
SACRIFICE	60	115

Concept	Words	Lexical Entities
DILIGENT	55	114
INTELLIGENT	53	114
DWELL	42	113
ANGER	64	111
THEN	61	110
WORRY	49	110
OBEY	56	109
CONCEAL	44	109
VIRTUE	49	108
WHEN	65	106
TIRED	59	106
DISASTER	56	106
CONTROL	58	105
RETURN	49	105
GO TO	49	105
SAFEGUARD	56	104
DISCARD	49	104
IMPORTANT	46	104
REACH	42	101
HELP	49	100
EQUAL	45	100
GENEROUS	45	100
LEAVE	45	99

Concept	Words	Lexical Entities
LAW	62	98
EXPLAIN	50	98
LEAD	53	96
DAMAGE	47	96
FLOURISH	64	95
TRUE	57	95
WEAK	49	95
PURE	38	95
LIVE	58	94
ABUNDANT	57	94
BIG	51	94
SEEK	45	93
REPORT	40	93
TRAVEL	49	92
EAT	45	92
FOLLOW	43	91
PROFIT	39	91
SAME	38	91
WHO	52	90
PUNISH	49	90
VISIT	43	89
SLAVE	68	88
CONCENTRATE	55	88

Concept	Words	Lexical Entities
LOOK	54	88
MODAL PARTICLES	40	88
HIGH	51	86
EXECUTE	51	86
BRIGHT	52	85
BROAD	47	85
IF	58	84
WHY	57	84
FORGIVE	47	84
CONTINUE	53	83
PRAISE	46	83
HARMONY	42	83
MARRY	42	83
ORDINARY	41	83
STRIKE	55	82
CHAOS	48	82
EFFORT	45	82
QUICK	49	81
HERO	42	81
PLANTS	78	80
MALES	79	79
TEACHER	39	79

Concept	Words	Lexical Entities
BIRDS	71	78
TALENT	38	78
RANK	38	77
OLD	42	76
GATHER	40	76
POWER	41	75
HINDER	41	75
GARMENT	63	74
MALES OF JIN	74	73
BARBARIAN	51	72
SHOULD	49	72
THEREFORE	43	72
TAKE	39	72
REMOVE	44	70
NEGLECT	42	70
NOW	40	70
CATEGORY	39	70
VULGAR	43	69
CULTIVATE	41	69
DRAGON	61	67
WORLD	44	67
ILLNESS	44	67
SUFFER	44	67

Concept	Words	Lexical Entities
CERTAIN	39	67
MOUNTAIN	59	66
HORSE	57	66
FEED	41	66
ARMY	39	66
ZEN MONKS	65	65
TREE, KINDS	57	65
SERVANT	54	65
MIND	45	65
WIFE	39	65
FLOW	39	64
BODY	44	63
DEITY	44	63
HOLD	38	63
PRINCIPLE	44	61
PERIOD	44	61
FUTURE	38	61
FOOD	51	60
CAUSE	40	59
STUDENT	39	59
DATE	58	58
SOLDIER	52	58

Concept	Words	Lexical Entities
DOCUMENT	47	58
RULERS OF SHANG	52	57
INSECTS	49	57
NUMBER	43	57
SHINE	38	57
SILK	44	54
CONFUCIANS	51	53
JADE	44	53
GRASS	51	51
AGE	38	51
YOU-PLUR	38	51
RULERS OF ZHOU	49	50
IMMEDIATELY	43	49
LITERATURE	43	46
MALES OF LU	44	43
DEITIES	41	43
MALES OF QI	43	42
RULERS OF QI	40	42
STICK	38	42
CHINESE LANGUAGE	40	41
GRAIN	38	41

B: Words by Concepts

This table shows the 200 words with the most Concepts assigned to them, in descending frequency. The concepts for a word are ordered alphabetically. In the dataset, this page has links to the concepts.

Word # Concepts

- ACHIEVE ACT APPOINT ARISE ARRANGE AS BASIC NATURE BECAUSE BECOME BELIEVE BUILD CAUSE CAUSE TO CHANGE COOK COPULA CREATE CURE FAKE FOR FUTURE GOVERN HOW IF IMITATE INTEND INTENSELY INTERACT INVENT MODAL PARTICLES OR PASSIVE MARKER PLANT PRETEND PRODUCE PROPERTY PROVIDE REPLACE SERVE STUDY SYMBOL THEN THINK TRY USE WORK WRITE
- 40 ABUNDANT ACCEPTABLE ACT AGAIN AND ANNEX ARISE BIRTH CONFORM CONTAIN COOPERATE DIFFICULT EMPLOY EVEN EXIST FEED GOVERN HAPPEN HAVE HOLD HOW IMPORTANT LIVE OBTAIN ONCE OR POSSESS PROPERTY REALITY RECEIVE RELATION RELY ON SOME SOMETIMES SUFFER TRUE UNDERSTAND USE WHAT WHEN
- 出 38 ABROAD ARISE ATTACK AWAY BANISH BE IN BEGIN BIRTH CHILD DESCEND FROM DIALOGUE DISREGARD DIVORCE EXCELLENT EXILE EXPENSE FLEE GIVE GO TO HAPPEN INVENT ISSUE LEAD LEAVE OUTSIDE PAY PRODUCE PUBLIC REACH RELEASE REMOVE RESULT RISE SHOW SPEAK SUPERIOR SURPASS TRAVEL
- 75 34 ACT ARMY ATTACK BEHAVIOUR CONFORM CRAWL DEVELOPMENT ENERGY EXIST FLOW FOR GENERATION GIVE GO TO GOVERN HAPPY LEAVE LINE OF WRITING MOVE NAVIGATE OBJECT POSSIBLE REVOLVE ROW SHANG DIVINERS SONG STANDARD STRIVE FOR SUCCEED TRAVEL TREAT USE WALK WAY
- 以 34 ACCOMPANY ACT ALREADY AND AS BE IN BECAUSE BELIEVE BUT CAUSE CAUSE TO CONFORM COPULA EMPLOY EVEN IF FOR INTEND METHOD OBJECT MARKER PASSIVE MARKER PROVIDE RELATION RELY ON RESEMBLE RESULT RISK THEN THEREFORE THINK THUS TOGETHER USE WHEN WITH
- 服 31 ACCEPT ACT ADMIRE CARRIAGE HORSE CONCENTRATE CONFESS CONFORM CONQUER COURT DRESS DEFEAT EAT FEED FRIGHTEN GARMENT HORSE MOURNING OBEY OFFICE PAY PRISONER RALLY REMEMBER SERVE STUDY SURRENDER TAME TERRITORY USE WEAR WORK YOKE
- TO SUBJECT SURRENDER SEHIND BELOW CONQUER CRITICISE DECIDE DESCEND DESPISE EARTH EGO EVENT FALL FUTURE GIVE HUMBLE INFERIOR LOW NEAR PUT RESPECT SEND DOWN SIMPLE STUDENT SUBJECT SURRENDER SWALLOW VULGAR WHEN
- 方 29 AS SOON AS BE IN BECAUSE COMPARE CORRECT CURE DIRECTION DISCARD DRUG IF IMITATE LINK METHOD MOMENT NOW ONLY THEN PLACE PRECEDE PREJUDICE RAFT REGION RESEMBLE SACRIFICE SQUARE

- STATE - STATIONARY - TERRITORY - THEN - WHEN

- 生 29 ANIMAL ARISE BASIC NATURE BEGET BEGIN BIRTH CATCH CAUSE CHILD CREATE CREATURE EGO ENDURING EXIST FRESH GENTLEMAN GROW INTENSELY LIFE LIVE PRODUCE REAR SAFE STUDENT TEACHER THING UNCOOKED VEGETABLES WORK
- 與 29 ACCOMPANY ALL ALSO AND ASSENT CAUSE TO COMPARE CONFORM CONTRACT COOPERATE EXCLAMATORY PARTICLE FIGHT FOR FRIEND GIVE IF INTERACT JOIN MODAL PARTICLES OR PASSIVE MARKER PAY PERMIT QUESTION PARTICLES RELATION RESEMBLE TOGETHER WITH YIELD
- 得 28 ABLE ACHIEVE CALCULATE CATCH CONTROL COST ENCOUNTER ENTER FAVOURITE FIND GENEROUS GRATEFUL HAVE HEAR LEARN OBTAIN PASSIVE MARKER PERMIT POSSIBLE PROFIT REACH SEE SHOULD SUCCEED SUFFER UNDERSTAND WHEN WIN TRUST
- 上 27 ABOVE ADMIRE AND ASCEND EXCELLENT GO TO GOD HAND UP HEAVEN HIGH IMPORTANT IN FRONT INSIDE KING NOBLE OLD ON PAST PREFER PUT RANK RESPECT RISE RULER SHORE SKY SUPERIOR
- 復 27 ACT AGAIN ALSO ANSWER CERTAIN CONTINUE FUTURE GIVE BACK IMPROVE INSTALL MORE MOREOVER NONETHELESS OVERTURN QUESTION PARTICLES RELEASE REPAIR REPEAT REPORT RESEMBLE RETURN REVENGE SPEAK STILL THEREUPON THICK WITHDRAW
- 成 26 ABUNDANT ACHIEVE ACT ADULT ALL BECOME BUILD COMPLETE COPULA ENDURING EXCELLENT GROW GUARANTEE LAYER PAST PEACE PRODUCE RESEMBLE RESULT SHANG ANCESTORS SHOW SONG SUCCEED SURRENDER TEN TERRITORY
- 取 26 ACHIEVE ANNEX ASSENT CATCH CAUSE CHOOSE CONQUER COPE FETCH FIND GATHER LEARN LIKE MARRY OBJECT MARKER OBTAIN PASSIVE MARKER PROFIT RECEIVE RESULT SUFFER SUFFIX TAKE TAX WIN WIN TRUST
- 處 25 ACT ARRANGE BE IN CONCENTRATE COOPERATE DISASTER DWELL ESSENCE FEATURE GOVERN HAPPEN HAVE HOME JUDGE OFFICE PLACE POSSIBLE REMAIN REST SIT SITUATION THEREUPON THING TIME TREAT
- 安 25 BE IN COMFORTABLE CONSOLE DWELL ENJOY FOLLOW HABIT HAPPY HEALTHY HOW LOVE MANAGE PEACEFUL PUT SAFE SIT SLOW STOP THEN THEREUPON WHENCE WHERE WHITHER WHOM WHY
- 實 25 ABUNDANT ACT ASSET CONCRETE DWELL EARNEST FACT FAITHFUL FEED FILL FRUIT FULL INTENSELY INVESTIGATE NUMBER PROFIT PRONOUN PROPERTY REALITY RESULT SUBSTANCE THING THIS TRUE WORK
- 言 25 ADDRESS ASK DIALOGUE DISCUSS ELOQUENT ENCOURAGE EXPLAIN EXPRESS LANGUAGE LITERATURE MEAN NAME PARTICLE PROMISE PROVERB QUOTATION MARKER REPORT SENTENCE SPEAK SUGGEST SUPPORT THINK WORD WRITE WRITTEN CHARACTER
- 中 25 AMONG APPROPRIATE ATTACK BETWEEN CAPITAL CITY CHINA CONFORM COPULA DAMAGE ESTIMATE FEELING GOOD HALF INNARDS INSIDE METHOD MIDDLE MIND NOON OBEY ORDINARY PASSIVE MARKER SHOOT -

WEAR - WHEN

- 其 24 APPROPRIATE CERTAIN EGO GENITIVE PARTICLES HOW IF INDEFINITE ARTICLE INTEND MODAL PARTICLES NOMINALISER ONESELF OR PARTICLE PROBABLE PRONOUN SELF SHOULD SUCH THIRD PERSON PRONOUNS THIS UTINAM WE WHEN YOU
- 反 24 ABSURD ALSO ANSWER ATTACK BLAME CHANGE CONTRARY ESTABLISH FOREIGNER GIVE BACK INVESTIGATE MISTAKE OBTAIN OFFEND OPPOSE QUESTION PARTICLES REPEAT RETURN REVENGE REVOLT REVOLVE THEREFORE TURN BACK WICKED
- 舉 24 ACT ALL APPOINT BORROW CONFISCATE CRITICISE DECIDE DESCRIBE EXPRESS FLY LIFT MOBILISE NAME PRAISE PROMOTE RECOMMEND RECORD REFER TO RISE SPEAK TAKE TRAVEL WHOLE WIN
- 24 AGAIN APPRECIATE BURDEN CHARIOT COMPLEX DIFFICULT EMPHASISE EXPENSIVE HEAVY IMPORTANT INCREASE INTENSELY LAYER OFTEN PARTIAL POWER PRECIOUS PREGNANT REPEAT RESPECT SAVOURY SERIOUS SEVERE TWO
- 24 ALWAYS BOOK CHANNEL CLASSIC CONFORM CROSS OVER ENCOUNTER GOVERN HAPPEN KILL LAW LITERATURE MEASURE METHOD NUMBER ONLY THEN PLAN PRINCIPLE RULE STANDARD STRANGLE SUICIDE THREAD WORK
- 用 24 ACT APPROPRIATE BECAUSE CHOOSE CONFORM DEPLOY EAT EMPLOY EXPENSE FUNCTION GOVERN INTEND METHOD NEED OBEY OBJECT MARKER PROFIT SACRIFICE SHOW THEREFORE THING TOOL USE USEFUL
- 節 23 BANNER CHASTE CONTROL COURAGE DECENT EVENT FEAST FRUGAL INSIGNIA JOINT MODERATION MUSICAL INSTRUMENT PART PERIOD PILLAR CAPITAL RANK RESTRAIN RHYTHM RULE SEASON STANDARD TALLY VIRTUE
- 超 23 BEHEAD BOW DOWN BREAK OFF CROSS OVER DESTROY DIE DISCARD DISTANT DIVORCE END EXCELLENT FALL FLEE INTENSELY LACK LOSE PERFECT POOR REFUSE STOP SURPASS UNCONSCIOUS YIELD
- 致 23 ACHIEVE ACT ARRIVE BRING CAUSE TO CHALLENGE COME DETAILED EXCELLENT EXPRESS EXTREME FEATURE GIVE HAND UP HAPPEN OBTAIN REACH RESULT SEND SUCCEED SUMMON TRANSMIT WALK
- 微 23 ABSTRACT CONCEAL DARK DECLINE DESPISE EXCEPT HUMBLE IF NOT -LACK - NEGLECT - NOT - ORDINARY - PEEP - POOR - PRETEND - PROFOUND - SECRET - SLIGHTLY - SMALL - STATES - TENUOUS - UNIMPORTANT - WEAK
- ACCEPT ASSENT ATTACK BE AT HOME CONFORM DIE DISAPPEAR ENTER FALL GIVE HAND UP IMPORT INSIDE INSTALL INTERFERE LISTEN OBTAIN PAY PRIVATE PROFIT RETURN SALARY WELCOME
- 流 23 ATTACK BANISH CATEGORY CHANGE DEVELOPMENT DISTRIBUTE EXCHANGE FACTION FLOAT FLOW GROUP INFLUENCE MELT MOVE RIVER SEND DOWN SWIM TRANSMIT TRAVEL UNRESTRAINED VESSEL PARTS VULGAR WATER

- 相 23 APPEARANCE APPOINT ASSESS ASSISTANT EGO FEATURE GOVERN HELP INTERACT INVESTIGATE LEAD MINISTER MUSICAL INSTRUMENT MUTUAL OFFICIAL PHYSIOGNOMY PRONOUN RHYTHM RULERS OF XIA SEEK SHAPE SUBSTANCE YOU
- 觀 23 ADMIRE APPEARANCE ASSESS BELIEVE BUILDING GOVERN INSPECT INVESTIGATE LANDSCAPE LEISURE MAKE-UP MEDITATE OBSERVE OPINION READ SHAPE SHOW SURVEY TEMPLE THINK TOWER TRAVEL UNDERSTAND
- 將 23 ACCOMPANY BEGIN COUNTERFACTUAL FUTURE GENERAL HOLD IF INTEND LEAD OBJECT MARKER OR PERHAPS POWER PROBABLE PUSH REQUEST SHOULD SUPPORT TAKE THEN USE WITH WOULD
- 道 23 BUDDHIST CONFORM COSMIC FORCE DOCTRINE GO TO GOOD GOVERN JUSTICE LAW OF NATURE METHOD MONK MUSIC PERSUADE PRINCIPLE QUOTE REGION SPEAK STATES TAOIST TEACH THEORY TRAVEL WAY
- 時 22 CALENDAR COINCIDENCE ENDURING FASHION FATE GENERATION GOOD HOUR IF MOMENT OFTEN OPPORTUNITY ORDINARY PAST PERIOD SEASON SOMETIMES THEREUPON THIS TIME TIMELY WHEN
- 子 22 ANIMAL BIRTH BOY CHILD DAUGHTER DESCENDANT EARTH BRANCH EGG FRUIT HUMAN NUMBER PERIOD PROFIT RANK SEED SON STUDENT SUFFIX TEACHER TOOL YOU YOU-PLUR
- 及 22 ACHIEVE AND ARRIVE CATCH UP CONTINUE ENCOUNTER EQUAL HAPPEN INFLUENCE INTENSELY INTERACT NAME NEAR REACH SPEAK SUCCEED TIMELY TOPIC MARKER UNDERSTAND UNTIL WHEN WITH
- 22 ACHIEVE ARRIVE BUT CANAL CITIES CONFORM FAIL FLOURISH FLOW LUCK PROGRESS PROMOTE PURSUE REACH REALITY RULERS OF QI SUCCEED TERRITORY THEN THEREFORE THEREUPON WAY
- 從 22 ACCOMPANY ACT ADD AGREE TO BECAUSE COMBINE CONFORM CONTINUE DESCENDANT EVEN IF FOLLOW FROM IMITATE LONG OBEY PURSUE SERVE SIDE STUDY THROUGH UNRESTRAINED WORK
- 起 22 ACT ARISE BEGIN BUILD CAUSE TO CURE EMPLOY FEED FLOURISH FLY HEALTHY LEAVE LIFT MOBILISE ORIGINALLY PRODUCE RESURRECTION REVOLT RISE STAND UP STIMULATE WAKE UP
- 22 ATTITUDE BASIC NATURE CHEST CONSTELLATION DISSATISFIED ENERGY FAITHFUL FEEL FEELING FLOWER PARTS HEART INNARDS INTEND KERNEL MIDDLE MIND PLAN PREJUDICE SUBJECTIVE THINK THORN TIMBER
- 故 22 AND ARGUE BECAUSE BUT CAUSE CRAFTY DISASTER FOR FRIEND HOME INTEND MODAL PARTICLES OLD ORIGIN PAST RATIONAL REASON STILL STUBBORN THEREFORE THING THUS
- 分 21 BELIEVE CLEAR DECIDE DIFFERENT DISINTEGRATE DISTINGUISH DISTRIBUTE DIVIDE EQUINOX EXECUTE FATE HALF LEAVE LENGTH
 MEASURES MIDDLE PART PRINCIPLE RANK SHARE OUT SPLIT UNDERSTAND
- 數 21 ACCOUNTANCY BLAME CALCULATE COUNT FATE INVESTIGATE LIST MANY METHOD NUMBER OFTEN POWER PRINCIPLE QUICK REMONSTRATE

- SEVERAL - SMALL - STRUCTURE - SURPLUS - VISIT - WORK

- 陽 21 APPEARANCE BRIGHT COSMIC FORCE DAYTIME DIRECTION ENERGY HEAVEN LIGHT LIVE MALE NINE PENIS PRETEND SHINE SHOW STATES STRONG SUN SURFACE VIOLENT WARM
- 止 21 ARREST ASPIRATION AVOID DON'T DWELL END FOOT HABIT HINDER INVITE LEISURE ONLY PEACEFUL REACH REMAIN REST RESTRAIN RETIRE ROOST SAFEGUARD STOP
- 問 21 AMONG BETWEEN BUILDING CONFLICT CRITICISE DEFECT DIFFERENT DISTANT ESPIONAGE HOLE INSIDE INTERACT OFFEND OPPOSE PLACE RECENT REMAIN ROOM SECRET STUDY TIME
- 而 21 AFTER AND AS IF BUT ID EST IF INTEND MODAL PARTICLES OBJECT MARKER OR PARTICLE RELATIVE CLAUSE MARKER THEN THEREFORE THEREUPON THUS TOPIC MARKER VERBAL SUFFIX WHEN WHILE YOU
- 稱 21 APPROPRIATE ASSESS CONTRACT FIT GARMENT HARMONY LIFT NAME PRAISE PRETEXT PROMOTE QUOTE RECOMMEND REFER TO RULERS OF LU SCALES SEXY SPEAK TALLY USE WEIGH
- 見 21 AWARE BELIEVE CONCENTRATE DOCTRINE EGO ENCOUNTER HEAR INTEND INTRODUCE MEET OBSERVE PASSIVE MARKER PERCEIVE READ SEE SHOW SUFFER UNDERSTAND VISIBLE VISIT WELCOME
- 利 21 AUSPICIOUS EAGER EASY ELOQUENT ENJOY GREEDY INTELLIGENT INTERESTS LIKE PREFER PROFIT QUICK REWARD RICH SHARP SKILLFUL SWORD URINATE USE USEFUL WIN
- → 21 ALL AS SOON AS BEGIN CONCENTRATE ENDURING GATHER IF INDEFINITE ARTICLE INTENSELY ONCE ONE ONLY OTHER PRECEDE SAME SOMETIMES SUDDENLY THIS TOGETHER UNITE WHOLE
- 可 21 ABLE ADMIT AGREE TO APPROPRIATE APPROXIMATELY ASSENT BUT CONFORM DESERVE ENDURE GOOD IMPERATIVE MARKER INTENSELY LITTLE NONETHELESS PERMIT PLEASANT POSSIBLE PROBABLE SHOULD TRUE
- 辭 21 ABDICATE ACCUSE ANSWER APOLOGISE AVOID CONFESS ELOQUENT EXPLAIN FAREWELL LEAVE PRETEXT PROSE RECORD REFUSE REPORT SENTENCE SONG SPEAK STOP WORD YIELD
- 若 21 ACT AS IF ASSENT CONFORM COUNTERFACTUAL EQUAL FOR EXAMPLE IF OR REACH RESEMBLE SEEM SUCH SUFFIX THEN THIS TOPIC MARKER UNDERSTAND WHEN YOU YOU-PLUR
- 型 21 ARRANGE BOUNDARY CORRECT COSMIC FORCE CULTIVATE EMBELLISH EXPLAIN GOVERN JUDGE JUSTICE LAW OF NATURE MEAN MEASURE ORDERLY PATTERN PRINCIPLE REPAIR THINK UNDERSTAND VEINS WORK
- 尚 20 ADMIRE APPRECIATE APPROXIMATELY BOAST EVEN EXCELLENT GOVERN HOPE LIFT MARRY NOBLE NONETHELESS PAST PREFER STILL SUPERIOR SUPPORT SURPASS UTINAM WIN
- 来 20 ACT ARISE BIRTH BRING COME COMPLETE DURING FINAL PARTICLES FUTURE IMPERATIVE MARKER LATE MODAL PARTICLES NEXT ORIGIN PAST

- RALLY - RECEIVE - RETURN - SINCE - SUMMON

- 乘 20 ASCEND ATTACK CARRIAGE HORSE CHARIOT CONTROL COUNT DRIVE EGO ESTABLISH FOUR HORSE MULTIPLY OPPRESS PURSUE RELY ON RIDE SOLDIER VEHICLE VOLUME MEASURES WIN
- 望 20 ACCUSE ADMIRE ANGER ANIMISTIC SACRIFICE ASPIRATION COMPARE DAY DESPISE DIRECTION DISTANT EXPECT FAMOUS HATE HOPE LOOK LOOK UP MODEL MOON WELL-KNOWN WINDOW
- 由 20 AS IF BASIS BECAUSE CAUSE CONFORM EMPLOY FROM MALES OF LU METHOD NONETHELESS OPPORTUNITY ORIGIN PASSIVE MARKER RELY ON RESEMBLE SINCE STILL THEREUPON THROUGH USE
- 平 20 ARRANGE ASSESS BALANCE COMFORTABLE CONQUER DESTROY ENDURING FLAT GOOD GOVERN HAPPY JUSTICE LANDSCAPE PEACE PEACEFUL POETS RULERS OF YAN SMOOTH STAIRS SUBJUGATE
- 適 20 ACCUSE APPROPRIATE AS SOON AS COINCIDENCE CONFORM DESCENDANT ENCOUNTER EQUAL EVENT GO TO HEIR IF LIKE MARRY NOW ONLY RESTRAIN RULER SATISFACTORY SITUATION
- 合 20 ASSENT BATTLE CHECK COMBINE COMPARE CONFORM COOPERATE COPULATE GATHER HARMONY JUXTAPOSE MIXED SAME SHOULD SHUT SUMMON TALLY TOGETHER UNITE WHOLE
- 去 20 ACT AVOID AWAY DIE DIFFERENT DISAPPEAR DISCARD DISMISS DISTANT DIVORCE FINAL PARTICLES FORBID FROM GO TO ISSUE LEAVE MOVE PAST REMOVE TONE
- 氣 20 AIR ANGER ASPIRATION ATTITUDE BREATHE CLOUD COSMIC FORCE COURAGE ENERGY FEELING HABIT MIND MIST MOOD ODOUR SHAPE SMELL STRONG STYLE WEATHER
- 焉 20 AMONG EGO FINAL PARTICLES FOREHEAD HOW PASSIVE MARKER PRONOUN RELATION SUFFIX THAN THEN THERE THEREFORE WHAT WHEN WHENCE WHERE WHITHER WHY YOU
- 齊 20 ALL APPROPRIATE COMPLETE CONFORM CORRECT EQUAL FASTING FLAT GATHER GOVERN HARMONY HEM JUXTAPOSE NAVEL ORDINARY RESEMBLE SAME SPEAK STATES TOGETHER
- 於 20 AMONG BE IN CONFORM EXCLAMATORY PARTICLE FOR FROM OBJECT MARKER ON PARTICLE PASSIVE MARKER REACH RELATION RELY ON REMAIN SUFFER TARGET THAN THINK TOWARDS WHEN
- 發 20 ACCUSE ACT ARISE BEGIN CAUSE TO DESTROY EXPRESS ISSUE LEAK LEAVE MOBILISE OPEN PLOUGH PRODUCE PUBLICISE RULERS OF SHANG SHOOT SHOW SPEAK TEACH
- 文 20 ARTS BEAUTIFUL EMBELLISH GOOD LITERATURE MONEY OFFICIAL ORNAMENT PATTERN POLITICS PROSE RULERS OF JIN RULERS OF ZHOU SHAPE STYLE TEXT VIRTUE WORD WRITE WRITTEN CHARACTER
- 明 19 BRIGHT CLAIRVOYANCE CLEAR EXPLAIN FAMOUS INTELLIGENT LIGHT MORNING NEXT PROVE PURE RATIONAL SACRED SEE SHINE SHOW -

UNDERSTAND - VISIBLE - WISE

- 居 19 ACCUMULATE ACT BE AT HOME BE IN CONFORM DWELL DWELLING HAPPEN HAVE HOME INSIST LIVE PEACEFUL POSSESS RANK REMAIN REST SIT THEREUPON
- 善 19 ASSENT BENEVOLENCE COOPERATE DILIGENT EXCELLENT EXPENSIVE FRIEND GOOD IMPERATIVE MARKER IMPROVE INTIMATE LIKE OFTEN PRAISE PROBABLE SATISFACTORY SUFFER TALENT TENDENCY
- 題 19 ATTACK BAD CRIME CRITICISE CRUEL DEFECT DISASTER EXCREMENT HATE HOW ILLNESS INCOMPETENT INTENSELY ONOMATOPOETICA SLANDER UGLY VILLAIN WHENCE WICKED
- 辟 19 AGRICULTURE AVOID BIG COMPARE DEITY DISTANT EXECUTE FAVOURITE KNOCK LAW LEAVE OPEN PARTIAL REMOVE SHOW SUMMON TABOO VULGAR WICKED
- 情 19 ASPIRATION BASIC NATURE CREATURE DESIRE FAITHFUL FEELING FRANK FRIEND HOPE LOVE LUST MIND PRINCIPLE REALITY SENSIBILITY SITUATION TENDENCY THINK TRUE
- 盘 19 ACT ALL ALWAYS COMPLETE DEFEAT DIE EAT EFFORT END EXHAUST EXPLAIN EXTREME KILL LAST LIMIT REACH REMOVE SUICIDE UNDERSTAND
- 事 19 ACT ALLUSION COPULATE DIFFICULT DUTY EFFORT EMPLOY EVENT OFFICIAL REALITY REFER TO SERVE SITUATION STRIVE FOR STUDY THING USE WORK WORRY
- 極 19 ASSESS BEAM DESCRIBE DISTRESS EXCESSIVE EXHAUST EXTREME IMPORTANT LIMIT PERFECT PRINCIPLE QUICK REACH ROOF STAR STATES SUMMIT TIRED UNDERSTAND
- 虚 19 ABSTRACT AIR CONSTELLATION DIE EMPTY EXHAUST FAKE HUMBLE IN VAIN INSUFFICIENT NATURALLY RUINS SENSIBILITY SKY SPACE STOMACH TENUOUS UNTRUE WEAK
- 19 ALSO BECAUSE COMMAND COUNTERFACTUAL EXAMPLE EXCLAMATORY
 PARTICLE IF MEAN MODAL PARTICLES NOMINALISER QUESTION PARTICLES REALITY RESEMBLE SAME SINCE THEN TOPIC MARKER VAGINA WHEN
- 使 18 APPOINT CAUSE TO COMMAND CONTROL COUNTERFACTUAL DEPLOY EMPLOY ENVOY GO TO GOVERN IF OBEY PERMIT SEND SERVE UNRESTRAINED USE UTINAM
- 是 18 APPROPRIATE ASSENT BECAUSE BELIEVE COPULA CORRECT GOOD HERE MEAN NOW OBJECT MARKER SAME SUCH THEN THEREFORE THIS TRUE YES
- 表 18 APPOINT BANNER CLOAK CLOCK DEFEND DIRECTION GARMENT LIST MEMORIAL MODEL OUTSIDE SHAPE SHOW SIGNAL STICK SYMBOL TOMBSTONE WEAR
- 在 18 BE IN BE ON BECAUSE DEPEND ON DWELL EXIST FILL FINAL PARTICLES IMPORTANT INVESTIGATE LIVE PERSIST PLACE PUT RELATION RELY ON -

THINK - UNRESTRAINED

- 台 18 ADDRESS BRIGHT BURY EMPTY EXPLAIN FRANK GOOD GRATIS IN VAIN INNOCENT NAKED OLD ORDINARY REPORT SILVER SPEAK WELL-KNOWN WHITE
- 意 18 ATTITUDE BELIEVE ESTIMATE FEELING GRATEFUL IDEA INTEND MEAN MIND OPINION OR PROBABLE REMEMBER SIGH STUBBORN SUBJECTIVE SUSPECT THINK
- 親 18 ACT APPROACH CARE FOR CONFORM FAITHFUL FATHER FRIEND HARMONY INTIMATE KISS LOVE MOTHER NEAR PARENT PERSONALLY RELATIVES TOUCH WEAR
- 2 18 EGO EVEN IF FOR GENITIVE PARTICLES GO TO HERE IF NOMINALISER PARTICLE PRONOUN RELATIVE CLAUSE MARKER SELF THIS WE WHEN WHILE YOU YOU-PLUR
- 度 18 ASSESS BELIEVE BIRTH CALCULATE CORRECT CROSS OVER ESTIMATE EVENT HELP LAW LIVE MEASURE PLAN SALVATION STANDARD STRONG TRANSCEND UNDERSTAND
- 命 17 APPOINT ASPIRATION AUTHORITY BAPTISE BASIC NATURE COMMAND CREATURE DECREE DOCUMENT FATE LIVE NAME PATTERN REFER TO REPORT USE WRITTEN CHARACTER
- 17 ALONE ARMOUR BETWEEN BIG BOUNDARY COURAGE DIFFERENT DIVIDE HELP INCREASE INTRODUCE MUTILATE RELY ON SAFEGUARD SERVANT SMALL WEAR
- 亡 17 ABSENT BANISH DEFEAT DESTROY DIE DISAPPEAR DISREGARD EXILE FLEE FORGET INDEPENDENT KILL LACK LEAVE LOSE NOT WICKED
- 如 17 ACT AND AS AS IF CONFORM COUNTERFACTUAL DEPICT EQUAL FLEE GO TO IF OBEY OR RESEMBLE SAME SHOULD SUFFIX
- 至 17 ACHIEVE ARISE ARRIVE DAY EXTREME GO TO HAPPEN IMPORTANT INTENSELY PERFECT RALLY REACH RESPECT SUCCEED TOPIC MARKER UNTIL WHEN
- 外 17 ABROAD APPEARANCE BANISH COUNTRYSIDE DISCARD DISTANT EXILE FOREIGNER HETERODOX LEAP OVER MOTHER OUTSIDE PUBLIC SECULAR THEREUPON UNTRUE YOU
- 知 17 ABLE ACT APPRECIATE AWARE DISTINGUISH ENCOUNTER FRIEND GOVERN INTELLIGENT KNOW PREDICT RECOGNISE REMEMBER RESPECT UNDERSTAND WELL-KNOWN WISE
- 解 17 ABLE CUT DECIDE DISCARD EXECUTE EXPLAIN FORGIVE KILL LAZY PEACE RELEASE REMOVE SEND STOP TAKE OFF UNDERSTAND UNTIE
- 師 17 ARMY ATTACK CAMP CAPITAL CITY CONFORM CROWD DWELL EMULATE LEAD MUSICIAN SPECIALIST STUDY SUPPORT TEACHER WARFARE YOU
- 已 17 ALAS ALREADY CERTAIN COMPLETE CURE DESTROY DISMISS END EXCESSIVE FINAL PARTICLES INTENSELY MODAL PARTICLES MORE PAST -

STOP - THEREUPON - WHEN

- 大 17 ADULT BIG BOAST BROAD CHOOSE COARSE EXAGGERATE EXCESSIVE GREAT IMPORTANT INTENSELY LOUD MANY PEACEFUL SENIOR SIZE YOU
- 張 17 ARRANGE BEND CATCH CONFIDENT CONSTELLATION DEPLOY EXAGGERATE LONG LOOK NET OPEN PROFIT STRETCH OUT STRONG SWELL TENT TUNE
- 比 17 COMPARE CONFORM COOPERATE EMULATE FACTION FIT FOLLOW FOR FRIEND GATHER JUXTAPOSE NEAR OFTEN PARTIAL RALLY RESEMBLE WHEN
- IN CATEGORY CONQUER CONTRACT DEPEND ON ENTRUST FACTION GROUP OFFICIAL PLURAL SUFFIXES PROPERTY RELATIVES SERVE SPEAK STUDENT SUMMON TERRITORY WRITE
- 食 17 ACCEPT BITE CONQUER DENY DRINK EARN EAT ECLIPSE FEAST FEED FOOD MEAL RECEIVE RELY ON RICE SALARY SWALLOW
- 弄 17 ACROBATICS ACT CAUSE CHEAT DESIRE EMBELLISH ENJOY GIVE MOBILISE MOCK PLAY SHOW SONG TEST TWIST WIELD WORK
- 物 17 ANIMAL ASSESS BANNER CATEGORY COLOUR CREATURE DEITY DELICACY EVENT MEAN OTHER PRECIOUS SACRIFICE STRANGE TAX THING WORLD
- 著 17 APPROACH BE IN CATEGORY CLEAR CONTINUE ENCOUNTER FAMOUS FINAL PARTICLES IMPORTANT LIKE MEET PUT SHOW SUFFER TIE TO WEAR WRITE
- 長 17 ADULT CULTIVATE ELDEST ENDURING EXCELLENT FLOURISH GROW INCREASE LEAD LONG OFTEN REAR RESPECT SENIOR STRETCH OUT STRONG TALL
- 周 17 ALL BROAD CAPITAL CIRCLE CONFORM DYNASTY EVERYWHERE HELP NEAR PROMISE REACH SAFEGUARD STATES SURROUND TRAVEL TRIBE WORK
- 曲 17 ALL BEND BOW DOWN CHEAT CONFORM CURVED FAVOURITE MUSIC PART REGION SMALL SONG TWIST UNIMPORTANT UNJUST VILLAGE WICKED
- 過 17 CRIME CRITICISE CROSS OVER DIE EXCESSIVE GO TO HAPPEN INTENSELY LATE LEAP OVER MEET MISTAKE NEGLECT READ SIN SURPASS WALK
- 疾 17 ANGUISH CRITICISE EAGER HATE HURRY ILLNESS IMPERATIVE MARKER INJURE INTENSELY JEALOUS LOUD MISTAKE QUICK SUFFER URGENT WEAK WORRY
- 作 17 ACT ARISE BECOME BEGIN BIRTH BOOK BUILD CONFORM COPULA CREATE HAPPEN PRETEND PRODUCE RISE WAKE UP WORK WRITE
- 載 17 ABLE ACT AGE CARRY CONTAIN DOCUMENT HEAP PARTICLE RECORD SAFEGUARD SOMETIMES SUPPORT THEN TRANSMIT TRANSPORT VEHICLE YEAR

- 自 17 ALREADY BECAUSE CAUSE EVEN FROM IF INTEND NATURALLY ONESELF PERSONALLY PRIVATE SELF SELFISH SIMPLE SINCE SUFFIX THROUGH
- 多 17 ABUNDANT ADMIRE BIG CAUSE EXAGGERATE EXCELLENT EXTREME HAVE IMPORTANT INCREASE INTENSELY MANY MORE OFTEN ONLY STRANGE SURPLUS
- 身 16 BODY CORPSE EGO FOETUS HUMAN INCARNATION LIVE ONESELF PERSON PERSONALLY RANK ROLE SELF TRUNK VIRTUE YOU
- 立 16 ACHIEVE BEGIN BUILD CREATE ESTABLISH EXIST FREE GOVERN IMMEDIATELY INSTALL MARRY MOBILISE REMAIN STAND SUCCEED WRITE
- 16 BAD CRITICISE DENY DISAGREE EXCEPT IF NOT LACK MISTAKE NOT OFFEND OR REFUSE REFUTE UNLESS UNTRUE WICKED
- 會 16 ABLE ACCOUNTANCY BATTLE CALCULATE COINCIDENCE COMBINE COPULATE COUNT GATHER GO TO LID MALES OF JIN MEET OPPORTUNITY TIME UNDERSTAND
- 和 16 ACCOMPANY ADD BELL COMFORTABLE CONFORM COOK COOL HARMONY INTERACT MIXED PEACE RULERS OF SONG SING SOLDIER TRADE WARM
- 間 16 FAMOUS GOVERN HEAR KNOW LEARN LISTEN OBEY ODOUR RECEIVE REPORT REPUTATION SMELL TRADITION TRANSMIT UNDERSTAND WELL-KNOWN
- 啟 16 AGRICULTURE BEGIN BROAD DAY GOVERN KNEEL LETTER OPEN PRECEDE PUBLICISE RULERS OF LU RULERS OF XIA SHOW SPEAK SUPPORT TEACH
- 为 16 ASSENT BRIBE COPULATE ENTER ESOTERIC HAND UP HAREM HOME INNARDS INSIDE MARRY MIND PALACE PAY PUT WIFE
- 名 16 BAPTISE CLASSIFIERS CONCEPT COPULA CRIME EXCELLENT FAMOUS MERIT NAME PERSONAL NAME PHILOSOPHER SEEM TITLE WELL-KNOWN WORD WRITTEN CHARACTER
- 能 16 ABLE ACHIEVE COMPETE CULTIVATE DARE ENDURE EXCELLENT EXPERIENCE GENEROUS HARMONY INTEND POSSIBLE POWER PROBABLE RESEMBLE THEN
- 好 16 ADMIRE APPROPRIATE BEAUTIFUL DESIRE DILIGENT EASY EXCELLENT FRIEND GOOD IMPERATIVE MARKER LIKE LOVE PREFER PROBABLE TENDENCY VERBAL SUFFIX
- 死 16 ALWAYS COLD CORPSE CRIME DANGER DIE EFFORT END FIGHT GUILT INTENSELY KILL ORGASM RISK DEATH SUICIDE UNCONSCIOUS
- 第 16 CONFUSED DANGER DIE DISTRESS EFFORT END EXHAUST EXTREME FAIL INTENSELY INVESTIGATE POOR REACH STOP UNDERSTAND USE
- 假 16 BORROW COUNTERFACTUAL FAKE GIVE HELP HOLIDAY LEISURE LEND OUT - MISTAKE - PERMIT - PRETEND - RELY ON - REQUEST - TOLERANCE - USE -WHEN

- 本 16 BASIS CAUSE HOME IMPORTANT INVESTIGATE MONEY NOW ORIGINALLY PAST PRINCIPLE RELY ON ROOT TREE TRUNK WE ZEN MONKS
- 常 16 ALWAYS BANNER CERTAIN COMMON CUSTOM ENDURING LAW LAW OF NATURE LENGTH MEASURES OFTEN ORDINARY PAST PATTERN STANDARD TREE, KINDS VIRTUE
- 懷 16 CARRY CHEST CONTAIN EMBRACE FEEL FEELING GIVE HOLD KEEP -LOVE - PREGNANT - REMEMBER - SAFEGUARD - THINK - WIN TRUST - YEARN
- 主 16 BASIS CAUSE CULPRIT CURE DOCUMENT DWELL GOVERN HOST IMPORTANT LEAD MONOPOLISE POSSESS PRINCESS RULER SYMBOL YOU
- 因 15 BASIS BECAUSE CAUSE CONFORM CONTINUE FATE FOLLOW PASSIVE MARKER RELY ON RESEMBLE STRAW MAT THEN THEREFORE THEREUPON USE
- 月 15 ALL COMPLETE ESTABLISH FEED FOOD HAVE HUMBLE PARTICLE PROVIDE RULERS OF LU SUFFICIENT THING TOGETHER TOOL VESSEL
- 脩 15 ACT ARRANGE BAD BEAUTIFUL BUILD COMPILE CULTIVATE DEFINE DILIGENT DRIED MEAT EMBELLISH EXCELLENT LONG REPAIR TALENT
- 後 15 AFTER ANUS BEHIND DESCENDANT DESPISE FOLLOW FUTURE HEIR LAST LATE RESULT RUMP THEREUPON UNIMPORTANT WITHDRAW
- 15 ARRIVE BECAUSE COMMUNICATE COMPLETE COPULATE EVERYWHERE EXCHANGE HAND UP INTERACT INVESTIGATE PENETRATE REACH REPORT SUCCEED UNDERSTAND
- 武 15 ARTS CONTINUE COURAGE FOOTPRINT LENGTH MEASURES MERIT MUSIC MUSICAL INSTRUMENT OFFICER RULERS OF ZHOU SUCCEED VIOLENT VIRTUE WARFARE WEAPON
- 同 15 ALL ASSENT ATTACK COMBINE CONFORM COOPERATE EQUAL FRIEND HARMONY IMITATE RESEMBLE RULERS OF LU SAME SHARE OUT TOGETHER
- 少 15 ASSISTANT DESPISE FEW HUMBLE INSUFFICIENT LITTLE MISTAKE MOMENT RARE REDUCE SLIGHTLY TENUOUS THEREUPON UNIMPORTANT YOUNG
- 端 15 BASIS BEGIN BREATHE COURT DRESS FEELING GOOD INTENSELY LENGTH MEASURES - LIMIT - METHOD - PROBLEM - STRAIGHT - TIP - TOPIC - WEAR
- 還 15 AGAIN ALSO CONTRARY GIVE BACK HAPPEN IMMEDIATELY NONETHELESS QUESTION PARTICLES REACT REPAIR RETURN REVOLVE STILL STOP TURN BACK
- 無 15 AVOID DENY DON'T EMPTY EVEN EXCEPT LACK MODAL PARTICLES NEGLECT NEVER NONE NOT NOTHING SHOULD NOT UNIMPORTANT
- 疏 15 CLEAR COARSE COMMENTARY DISAGREE DISTANT DISTRIBUTE FOOD INFERIOR ISOLATED LINK MEMORIAL NEGLECT RARE REMOVE UNRESTRAINED
- рт
 15
 ATTACK CATEGORY DEFEND DOOR FAMILY GATE GATEKEEPER HOME

METHOD - ORGAN - PASS - SACRIFICE - SCHOOL - TAX - TEMPLE

- 章 15 BEAUTIFUL DOCUMENT FAMOUS FLOURISH HAT INSIGNIA LAW MEMORIAL MERIT PATTERN SEAL SHOW SONG TEXT WELL-KNOWN
- 国 15 ACT AIR BREATHE COPULATE CUSTOM DEITY FASHION ILLNESS INFLUENCE MAD METHOD MUSIC SONG STORM WIND
- 問 15 ASK CONSOLE CONTROL CRITICISE FAMOUS GIVE GREET INTERROGATE INVESTIGATE JUDGE LETTER PROBLEM REPORT THINK VISIT
- 襲 15 AGAIN ARISE ATTACK CLOAK COMBINE CONTINUE COPY COVER ENTER FOLLOW GARMENT GATE REPEAT SINK WEAR
- 容 15 APPEARANCE CONSISTENT CONTAIN EMBELLISH ENTER FACE FORGIVE PATTERN PERMIT PLACE PROBABLE PUT SHAPE TOLERANCE UNRESTRAINED
- 往 15 ACT AFTER DIE ENDURING GIVE GO TO ISSUE LEAVE OBEY OFTEN OLD PAST RALLY SEND VISIT
- 除 15 APPOINT AVOID CLEAN CLEANSE CORRIDOR CURE DISCARD DIVIDE EXCEPT KILL PARDON RELEASE REMOVE STAIRS TAKE OFF
- 離 14 AVOID CONFLICT DIFFERENT DISTANT DISTINGUISH DIVIDE ENCOUNTER FLEE LEAVE OFFEND RISK SCATTER SUFFER WRITE
- 歸 14 BELONG BUILDING CLASSIFY CONFORM DWELL END GIVE GIVE BACK GO TO IMPORTANT MARRY RALLY RETURN WITHDRAW
- 舍 14 ABANDON DISCARD DISREGARD DWELL DWELLING EGO EXCEPT GUEST HOUSE - LENGTH MEASURES - PARDON - REFUSE - REJECT - RELEASE - STOP
- 幾 14 APPROXIMATELY DANGER DISTRESS EASY HOPE HOW HOW MANY INVESTIGATE NEAR PERFECT SEVERAL SMALL SUCCEED TENUOUS
- 覆 14 AMBUSH COLLAPSE COVER DEFEAT DESTROY FLY INFLUENCE INSPECT OFFEND OVERTURN POUR REVOLVE SAFEGUARD SINK
- 共 14 ALL BOW DOWN COOPERATE FEED FOOD GATHER HAND UP PROVIDE RESPECT RULE SHARE OUT STATES TOGETHER WITH
- 御 14 CONTROL COPULATE DRIVE EAT FEND OFF FORBID HAND UP HINDER PLUCK STRINGS RACING SERVE USE VEHICLE WELCOME
- 75 14 BEGIN BUT CERTAIN COPULA EVEN NONETHELESS ONLY ONLY THEN REALITY THEN THEREFORE THEREUPON TOPIC MARKER YOU
- 既 14 ALL ALREADY ALSO AND BUT EVEN IF EXHAUST IF PAST SINCE STOP THEN THEREUPON WHEN
- IE 14 BEGIN CONTROL CORRECT FRANK IMPORTANT OFFICIAL RULER STANDARD STRAIGHT TARGET TRUE VERTICAL WHEN WIFE
- <u>14 ALSO AND EVEN FUTURE IMMEDIATELY IMPERATIVE MARKER INTEND MEANWHILE MOREOVER NONETHELESS OR SHOULD THEN UNRESTRAINED</u>

- 應 14 ACCEPT ANSWER APPROPRIATE CONFORM COOPERATE DESERVE IMMEDIATELY NECESSITY PROBABLE PROMISE REACT REWARD SHOULD STATES
- 志 14 ASPIRATION CONCENTRATE COURAGE DOCUMENT EXPRESS FEELING INTEND MEAN MIND RECORD REMEMBER THINK UNDERSTAND WRITE
- 14 ALWAYS CERTAIN COPULA ENDURING FIX IF INSIST KNOW NECESSITY NEED SHOULD STUBBORN THEN THEREFORE
- 離 14 BEND DELAY EXTRAVAGANT GENEROUS GIVE IMPROVE INFLUENCE INJURE LACK NONE NOT SMALL TENUOUS TWIST
- 14 CAUTIOUS CONCUBINE DESPISE EGO HUMBLE INCOMPETENT NEGLECT REDUCE SMALL TENUOUS TIME UNIMPORTANT VULGAR YOUNG
- 14 ADULT ALL CLASSIFIERS EXCELLENT HUMAN LEAD MINISTER OTHER PEOPLE PERSON RULER SUBJECT WHO WORKER
- 交 14 ALL COMBINE COMMUNICATE COMPARE CONFUSED COPULATE CROSS OVER - EXCHANGE - FRIEND - GIVE - HELP - INTERACT - MEET - MUTUAL
- 病 14 BAD CRITICISE DAMAGE DEFECT DISASTER DISSATISFIED DISTRESS FAIL HATE ILLNESS MISTAKE TIRED VICE WORRY
- 要 14 AGREE TO CONFORM CONTRACT DEMAND DESIRE HINDER IMPORTANT INVITE PRINCIPLE RESTRAIN SEEK SHOULD WAIST WIN TRUST
- 任 14 ABLE ACT BURDEN CARRY EMPLOY ENDURE ENTRUST RECTITUDE RELEASE RELY ON RESPONSIBILITY STATES USE WEIGHT
- 陳 14 ARRANGE BATTLE ARRAY CORRIDOR DEPLOY DESCRIBE EXPLAIN OLD REPORT ROTTEN RULER'S CONSORTS SHOW SPEAK STATES TASTELESS
- 象 14 CONFORM DEPICT ELEPHANT FEATURE GEOMETRIC SHAPE IDEA IMITATE IVORY MUSIC PICTURE RESEMBLE SHAPE SYMBOL TRANSLATE
- 獨 14 ALONE BEREAVED CONCENTRATE EXCELLENT FREE INDEPENDENT INSIST LONELY MODAL PARTICLES MONKEY ONLY PRIVATE QUESTION PARTICLES SPECIAL
- 高 14 ABOVE ADMIRE APPRECIATE DEEP EXCELLENT HIGH LOUD NOBLE OLD SUPERIOR SURNAMES SURPASS TALL VIRTUE
- 信 14 BELIEVE CERTAIN DOCUMENT DWELL FAITH FAITHFUL GUARANTEE -LETTER - MESSENGER - OBEY - REALITY - STRETCH OUT - TRUE - TRUST
- 徒 14 CATEGORY EGO EMPTY FACTION GRATIS IN VAIN OFFICIAL ONLY PRISONER SIMPLE SOLDIER STUDENT TAKE OFF WALK
- 執 13 ACT ARREST CATCH CONTROL FRIEND GREET HOLD OPINION RELY ON -SAFEGUARD - STUDY - TAKE - WIELD
- 公 13 ANCESTOR EQUAL FATHER GOOD HUMAN JUSTICE MALE PALACE PUBLIC RANK RULER WORK YOU

- 求 13 ASK CAUSE DEMAND DESIRE EXPECT FIND INTEND INVITE MARRY REQUEST SEEK STRIVE FOR TRY
- 足 13 ABLE ABUNDANT CAUSE COMPLETE DESERVE EXPRESS FOOT LEG REACH RICH SATISFACTORY SUFFICIENT VESSEL PARTS
- 德 13 ACT COSMIC FORCE DIGNITY FEATURE GENEROUS GOOD GRATEFUL HAPPY MERIT PARTIAL TALENT VIRTUE WIN TRUST
- 部 13 BLOCK COMPLETE DISCARD HOLE INTENSELY NONETHELESS REALITY REFUSE REMOVE RESULT RETURN STOP WITHDRAW
- 收 13 ACCEPT BURY CONFISCATE GATHER HARVEST OBTAIN PUNITIVE LABOUR REAP RECEIVE SAFEGUARD TAKE VEHICLE PARTS WITHDRAW
- 法 13 COMMAND ELEMENT FEATURE IMITATE LAW METHOD MODEL NUMBER PATTERN PHILOSOPHER PRINCIPLE PUNISH SYMBOL
- 老 13 AGE DECLINE EGO EXPERIENCE LEAD OFFICIAL OLD OLD MAN OLD-FASHIONED PREFIXES RETIRE SERVANT TIRED
- I3 CONCEAL DARK DWELL GRIEF HIDE ONESELF LEAN ON OBSCURE PROFOUND RIDDLE SAD SECRET SILENCE SYMPATHY
- 固 13 ALREADY ALWAYS CERTAIN COARSE CONTRACT FIX HARD INACCESSIBLE INSIST REALITY SAFE STRONG STUBBORN
- 便 13 APPROPRIATE CONFORM CONVENIENT DEFECATE FAVOURITE IMMEDIATELY NONETHELESS OPPORTUNITY PROFIT REALITY SKILLFUL THEN THEREUPON
- 宿 13 CONSTELLATION DWELL ENDURING HOTEL NIGHT PAST REMAIN SAFEGUARD SLEEP STAR STATES THEREUPON YESTERDAY
- 夷 13 ARRANGE BARBARIAN DELIGHT DESTROY FLAT GREAT INJURE KILL PEACEFUL PRINCIPLE RULERS OF ZHOU SAME SIT