

# **The Kana Crash Course**

A quick (yet thorough!) introduction to Japanese phonetic writing

**Andrew Scott Conning** 



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# The Kana Crash Course

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Andrew Scott Conning

Lexica Global Language Systems | Cambridge, Massachusetts



# JAPANESE PHONETIC WRITING・日本語の表音文字体系

The Ultimate Kana Wall Chart organizes the many hidden nuances of kana spelling and keyboard input into an illuminating visual framework that allows you to readily perceive the underlying phonological structure of the Japanese language. Display it beside your desk for convenient reference as you learn to read, write, and type in Japanese.

#### Introduction

The term "kana" (仮名) refers to syllabic scripts used to represent the sounds of the Japanese language. The earliest kana was the man'yōgana (万葉仮名), a set of Chinese characters the Japanese borrowed in the seventh century as phonetic symbols for similar native sounds. As these complex ideographs proved unsuitable for the transcription of a polysyllabic tongue, the Japanese soon invented two sets of phonetic kana symbols: the relatively curvy hiragana (adapted from cursive man'yōgana), and the more angular katakana (adapted from fragments of man'yōgana).

Modern Japanese is written in a combination of hiragana, katakana, and Chinese characters (kanji), along with Roman letters ( $r\bar{o}maji$ ) and Arabic numerals ( $Arabia\ s\bar{u}ji$ ). Kanji are used mainly for Chinese-derived nouns, proper nouns, and the stems of native verbs and adjectives. Hiragana are used for all types of native words not written in kanji, and for the inflected endings following a kanji stem, known as okurigana (e.g., the  $\lceil \zeta \rceil$  in  $rac{1}{2}$ ). Katakana are used mainly for Western loanwords, scientific names (such as names of species), sound-mimicking words, and emphasis (like italics). Most numbers are written in Arabic numerals (except in vertical text), and rōmaji appear fairly frequently, primarily in alphabetical abbreviations (like "NHK") and foreign names.

The rōmaji spellings in this booklet follow the widely used Hepburn system, which best approximates Japanese sounds for speakers of English and Romance languages. In addition to Hepburn, you may sometimes come across spellings based on the competing Kunrei system, especially in writing by native Japanese. Kunrei spellings can generally be deduced from the tables that follow by combining each character's alphabetical row and column headings (e.g., t + ya = tya, corresponding to Hepburn's more phonetically instructive cha).

To input Japanese on an alphabetical keyboard, it is possible – and in a few cases necessary – to use non-Hepburn spellings. This booklet always lists Hepburn spellings, but also notes in angular brackets any non-Hepburn spellings required for keyboard input.

# **Native Japanese syllables**

The table on the next page displays the kana characters and Hepburn romanization for all native Japanese syllables, divided between 清音 *seion* ("clear [unvoiced] sounds") and 濁音 *dakuon* ("turbid [voiced] sounds"). For the purpose of learning kana, we can somewhat loosely use the term *seion* here to refer to syllables that are not followed by diacritic voicing marks (though some of these syllables in fact have voiced consonants). Similarly, we can loosely use the term *dakuon* to refer to syllables that do have such marks.

Seion and dakuon are each further divided into one-character 直音 chokuon ("straight sounds") and two-character 拗音 yōon ("bending sounds"). Yōon are contractions formed by adding a small version of a Y-row kana, such as ょyo, to an I-column kana, such as き ki. This removes the i sound, leaving the one-syllable きょkyo ("residence"), not to be confused with the two-syllable きよ kiyo ("contribution"). This booklet refers to chokuon as "monographs" and yōon as "digraphs".

The leftmost column displays the hiragana, katakana, and Hepburn Romanization for all 48 basic Japanese sounds (including two obsolete sounds in parentheses). As all but one of the sounds can be arranged into a  $5 \times 10$  grid by their initial (consonant) and final (vowel) sounds, this table is called the "50 sounds table" (五十音図 *gojūonzu*). The one misfit sound is syllabic n, a late entrant to Japanese phonology made necessary by the borrowing of words from Chinese.

かんえん

かんや

かんねん

kan'en\*

kannen

kan'ya\*

(hepatitis)

(notion)

type "kannenn"

type "kannnenn"

(cold winter's night) type "kannya"

\* Hepburn spelling requires an apostrophe between syllabic n and

type either "n" or "nn" prior to a period, a comma or another kana that is not in the vowel, Y or N rows. Otherwise, one must type "nn" (a

simpler rule is always to type "nn"). Thus to type a final  $\mathcal{L}/\mathcal{L}$  followed

by an N-row kana, one must type "nnn", as in こんな konna (typed

'konnna"). Practice inputting the words in the next column:

n

#### **Tokushuon**

The table below displays the Hepburn Romanization and katakana for all tokushuon:

	特殊音 T	оки:	нио	N
(Alter	native kana spel	lings) [Spec	ial rōmaji foi	keyboard input]

	,		90	, [0]0000		Reyboard	
	Α	1	U	Е	0	YU	YE
Kw		クィ (クイ) kwi		クェ (クエ) kwe	クォ (クオ) kwo		
S							シェ she▽
Z							ジェ je <sup>▽</sup>
Т		ティ ti [texi]	トウ tu [toxu]			テュ (チュ) tyu [texyu] -	チェ che <sup>▽</sup>
Ts	ツァ tsa	ツィ tsi		ツェ tse	ツオ tso		
D		ディ di [dexi]	ドゥ du [doxu]			デュ dyu [dexyu]	
F	ファ fa	フィ fi		フェ fe	フォ fo	フュ fyu	
Υ				イェ ye			
W		ウィ (ウイ) wi		ウェ (ウエ) we	ウォ wo [uxo]		
V	ヴァ (バ) va	ヴィ (ビ) vi	ヴ (ブ) \ vu	ヴェ (ベ) \ ve	ヴォ (ボ) vo	ヴュ ´ (ビュ) vyu	

The lone tokushuon monograph is ヴ vu, formed by adding a dakuten to ウ u.

Typing Hepburn or Kunrei spellings generally produces small-form kana as needed, due to standard rōmaji-kana conversion rules in software. In a few cases, it is necessary to preface the small form with a system-designated character such as "x" or "l", as in the bracketed rōmaji. The section below on **Inputting** small kana gives further information.

V-row tokushuon are mildly unorthodox alternatives to the B-row kana (バ、ビ、ブ、etc.) for transcribing the English "v" sound, even though the latter are phonetically less similar. Thus "valve" is still generally transcribed as バルブ rather than ヴァルヴ、even though this renders it indistinguishable from "bulb".

#### Long vowels

Long vowels in native Japanese words are indicated in the following ways:

1. To extend a, i, or u, the corresponding vowel is added:

まあ mā かなしい kanashii くうき kūki

2. To extend o,  $\eth$  is added (though its phonetic value is 3):

そう sō こうじ kōji

except for a handful of special exceptions in which \$\frac{1}{2}\$ is added, such as

おおきい ōkii おおい ōi

3. To extend e, either an  $\tilde{\lambda}$  or (more frequently) an V is added:

へえ hē ええと ēto めいし meishi せいさん seisan

To input long vowels of native Japanese words on a keyboard, simply type the romaji equivalent of each kana.

Katakana follows the above rules for the writing of native Japanese words. But for indicating long vowels in foreign loanwords, a long dash known as the *chōonpu* (長音符) – typed with the dash key – is used to extend the final vowel of the preceding kana:

サービス "service" sābisu [type: sa-bisu] スープ sūpu "soup" [type: su-pu] メール "e-mail" [type: me-ru] mēru グループ "group" [type: guru-pu] gurūpu ソーセージ sōsēii "sausage" [type: so-se-ji]

In Hepburn Romanization, all long vowels are indicated by a flat line (macron) above the vowel, except for the *ei* combination (see *meishi* and *seisan* above) and the doubled *i* in native Japanese words (see *kanashii* and *ōkii* above).

Some instances of vowel extensions are not in fact "long vowels" but rather consecutive vowels from separate morphemes (these should not be Romanized with a macron):

1. any extensions of o or u resulting from a  $\vec{j}$  verb ending:

ぬう nuu "sew" くるう kuruu "go crazy" まよう mayou "get lost" きそう kisou "compete"

any other coupling of separate morphemes:

はあく haaku "grasp" (from ha "grip" + aku "grasp")
みずうみ mizuumi "lake" (from mizu "water" + umi "sea")
かれえだ kareeda "dead branch" (from kare "dead" + eda "branch")
ほおん hoon "thermal" (from ho "conserve" + on "warm")
こうし koushi "calf" (from ko "small" + ushi "ox")

Within loanwords, all long vowels (even i) are Romanized with macrons:

コーヒー  $k\bar{o}h\bar{i}$  "coffee" セーター  $s\bar{e}t\bar{a}$  "sweater" スープ  $s\bar{u}pu$  "soup"

#### **Double consonants**

The initial consonants of kana in the K, S, T, and P rows can be doubled by prefacing them with a small *tsu* つ/ッ. Unlike the full-size つ/ッ, these small *tsu* markers – known as *sokuon* (促音) – do not represent the sound *tsu* but rather a slight pause:

サッカー		sakkā	"soccer"
メッシ		Messhi	"Messi"
セット		setto	"set"
タッチ		tatchi	"touch"
チップ		chippu	"tip, gratuity"
さっか	(作家)	sakka	"writer"
けっきょく	(結局)	kekkyoku	"in the end, eventually"
ちっそ	(窒素)	chisso	"nitrogen"
いっしょ	(一緒)	issho	"the same"
わかった	(分かった)	wakatta	"Got it, OK"
まっちゃ	(抹茶)	matcha	"powdered green tea"
はっぱ	(葉っぱ)	happa	"leaf"

In katakana loanwords, other consonants may also be doubled:

バッグ	baggu	"bag"
バッハ	bahha	"Bach"

Though not classified as *sokuon*, a "doubling" effect for initial n consonants is achieved by prefacing them with  $\lambda/\lambda$ :

みんな	(皆)	minna	"everyone"
ペンネ		penne	"penne"

In all such cases, the  $\lambda/\mathcal{V}$  represents an extra n sound rather than a pause. Note that the initial n cannot be doubled by adding 9/9:

WRONG	みっな	minna
WRONG	ペッネ	penne

### Glottal stops

When small 5/y appears at the end of a word, it indicates a glottal stop:

あっ!	Ah!	"Oh!"
えつ?	Fhl	"Huh?"

#### Inputting small kana

As noted above, typing Hepburn or Kunrei spellings generally produces small-form kana as needed, due to standard rōmaji-kana conversion rules in software. In cases where one must manually produce a small kana (such as when using  $\supset$  to signal a glottal stop), it is necessary to preface the small form with a system-designated character such as "x" or "l". This is important to remember for typing the following *tokushuon*, whose Hepburn spellings would instead generate the output shown in the far right column:

Tokushuon	Keyboard input	Hepburn spelling	Katakana output of Hepburn spelling
ティ	texi	ti	チ
ディ	dexi	di	ヂ
テュ	texyu	tyu	チュ
デュ	dexyu	dyu	ヂュ
トウ	toxu	tu	ツ
ドゥ	doxu	du	ヅ
ウォ	uxo	wo	ヲ

#### Stroke order and stroke count

The <u>wall chart</u> provides a guide character for all 92 basic kana characters, with stroke order numbers positioned at the beginning of each stroke. Follow the guide characters closely. Always write kana strokes in the conventional direction and order, as both are essential to writing legibly and learning to read cursive.

For hiragana it is common in handwriting – and even in typeface – for nominally separate strokes to run together. An extreme example is 5, which can be shown with all four separate strokes, with only three strokes, or even in a single cursive stroke.

#### Kana sources

The tables below illustrate the origins of hiragana and katakana in the man'yōgana:

#### Man'yōgana Sources of the Kana Hiragana Katakana 安 末 波 加 な き と ま は 男 カク さ 5 B な あ ま は わ か 比 知 以 U 玖 み ち ひ る (h) 17 ヌ 武 不 奴 由 ホ 申 不 ぬ W む 部 祢 礼 女 ヨ與 由 そ 利ル流レ礼 る け せ ħ め ね 口 己 保 £ 中井 卫惠 3 休 0

Use of these images is governed by the GNU Free Documentation License, version 1.2. These images may be accessed or downloaded @ commons.wikimedia.org/wiki/File:Hiragana\_origin.svg & ...Katakana\_origine.svg

# THE ULTIMATE KANA WALL CHART

A visual guide to Japanese phonetic writing



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or

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**The Ultimate Kana Wall Chart** arranges all 249 kana syllable variations into an illuminating visual framework that allows learners to readily perceive the underlying phonological structure of the Japanese language. Its detailed color display reinforces learners' grasp of kana order and clarifies the principles behind how kana are written, pronounced and romanized. Post it above your desk — or lay it under a translucent desk pad — for convenient reference as you learn to write and type in Japanese.

Unlike virtually all other kana charts, *The Ultimate Kana Wall Chart* does not ignore or detach kana variants and combinations, but integrates them into an single framework permitting learners to grasp how the writing system works as a unified whole. Far more than a simple "Fifty sounds table", this chart systematizes the kana in all their surprising complexity, giving learners a comprehensive view of Japanese sound structure from the standpoint of both Roman letters (important for their use in typing) and native kana.

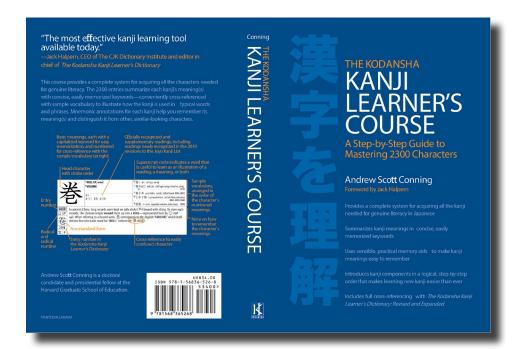
In addition to illustrating the systematic nature of Japanese phonology, *The Ultimate Kana Wall Chart* conveniently integrates numerous elements of kana instruction into a clear, concise, and attractive visual presentation:

- Guidance for alphabetical keyboard input. The chart guides learners in the important task of mastering the Roman spellings required to input Japanese text on an alphabetical keyboard, including guidance on special exceptions and how to save keystrokes.
- *Irregular readings and spellings*. Special symbols and annotations allow learners to easily identify irregular readings & spellings, and master the different approaches to typing them.
- **Alternative romanization patterns**. The principles underpinning Hepburn and Kunrei romanization and the similarities and differences between these two systems are clarified both graphically and textually.
- **Tokushuon** (transcription katakana). Unlike most kana charts, this poster displays the special katakana combinations used in the transcription of non-Japanese words, along with a helpful introduction and thorough guidance on alternative kana and irregular spellings required for keyboard input.
- **Stroke order**. The stroke order for each basic kana character is subtly displayed for convenient reference.
- **Kana sources**. The chart displays the original source of each hiragana and katakana character in the seventh-century Man'yôgana, a set of Chinese characters the Japanese borrowed as phonetic symbols.
- **Enlarged characters**. The 92 base characters are displayed in large size for viewing at a greater distance.

```
おいうえお アイウエオ
あいうえお アイウエオ
あいうえお アイウエオ
あいうえお アイウエオ
あいうえお アイウエオ
```

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- Robert Nagell



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- Key vocabulary to illustrate meaning and usage.
   The concept captured in each keyword is illustrated with up to five examples, carefully chosen to clarify how the kanji is used in building words and phrases.
- An unparalleled system of mnemonic aids. Each
  entry contains an original mnemonic aid that is carefully designed to help learners remember the character's core meanings. Mnemonic aids pay special
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### A self-guiding, self-reinforcing curriculum

The Course arranges all the information needed to master 2,300 characters into a streamlined, self-guiding, and mnemonically self-reinforcing curriculum. Sample compounds include only such kanji as have previously been learned, ensuring that learners are able to understand and use each compound, and providing a built-in review of all the kanji already studied.

### The ultimate kanji learning resource

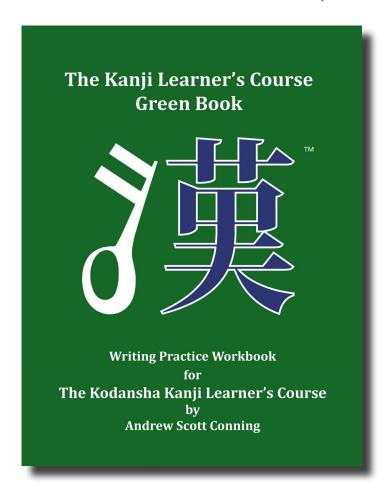
- Provides a sophisticated, pedagogically sound method for remembering the core meaning of each kanji, conveniently summarized in concise keywords to facilitate memorization.
- Introduces the meaning and usage of each grapheme the first time it appears, helping learners seamlessly acquire new kanji based on a sound understanding of their component parts.
- Innovatively uses concrete imagery to simplify complex characters and make their meanings immediately recognizable in their graphical forms.
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- Helps learners actively apply each character's principal meanings and readings using key vocabulary words, carefully chosen to illustrate the character's usage.
- Helps learners differentiate among graphically similar kanji by showing how to remember the characters in a mutually contrastive manner that connects their graphical distinctions to their underlying semantic differences. Along the way, the course introduces nearly 800 pairs of easily confused kanji.
- Helps students learn to write kanji accurately, by indicating each kanji's stroke order and placing careful emphasis on distinctions among similar characters.
- Includes all the kanji needed for genuine literacy.
- Extensive cross-referencing allows learners to easily find the entries of lookalike kanji, as well as all kanji appearing in the sample compounds.

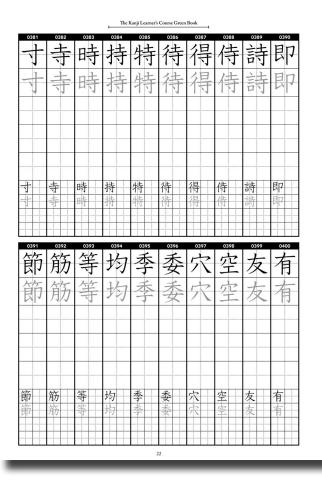
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Even today when most learners are focused on learning to read kanji rather than learning to write them, handwriting practice remains essential. Integrating hand-eye coordination with the kinesthetic experience of each kanji's stroke sequence, handwriting improves your ability to recognize each kanji, grasp intuitively how it is put together, and distinguish it from lookalikes.

Designed to help you use your study time most efficiently, this simple little workbook contains just the right quantity of writing spaces -- four large spaces followed by seven small spaces -- to give you enough practice for each character. It also offers you:

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- A good solution for mastering stroke order: Each entry contains both a guide character and tracing characters, but deliberately excludes stroke order to allow you to develop an independent mastery of kanji composition. The main Course book provides stroke order diagrams for when you need them, but this will not be very often provided you follow the Course's graphically cumulative sequence and practice writing every kanji as you go.
- **Guidance for mastering proper stroke forms**: Both the guide characters and the practice squares are cross-hatched to help you achieve precise form.
- **Savings:** Standard *genkôyôshi* manuscript paper typically costs around US\$7-12 online. The Green Book is priced toward the bottom of this range while offering unique convenience for KLC users.

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**The Kanji Learner's Course Wall Chart** sequentially arranges all 2,300 KLC kanji in a beautiful six square foot color mosaic.

#### The entire KLC on one sheet!

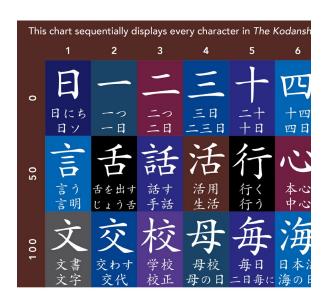
The KLC Wall Chart is an ideal companion tool for The Kodansha Kanji Learner's Course (KLC), the most effective tool available today for mastering kanji & kanji-based vocabulary. Displaying the full KLC kanji spectrum from 日 SUN to 虹 RAINBOW, this amazing chart allows learners to survey the Course's graphically related groupings, note the similarities and differences among nearby kanji, and fully absorb how each character's unique features relate to its meaning. Unlike any screen or book-based learning tool, this large-scale physical display allows learners to make an organized and comprehensive mental map of all 2300 kanji.

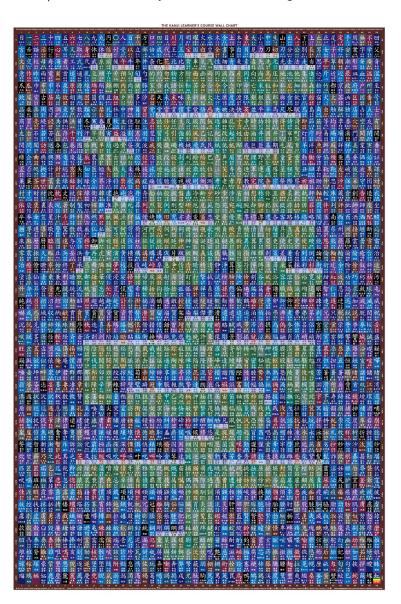
# A beautiful way to learn

The chart displays each kanji and example word in a lovely brushstroke font on colored tiles. Together these tiles form a striking mosaic revealing the word 漢字 (kanji). The aesthetically pleasing display is perfect for casual browsing and stimulates a desire to learn.

#### A perfect gift for any student of Japanese

To novice learners the chart offers a stimulating challenge and an organized learning pathway, while to advanced learners it offers a vivid record of personal accomplishment and a delightful review tool. It fits in a wall space 2 feet (61cm) wide.







# An ideal review tool

The illustrative example words are carefully selected to provide an *instant review of each kanji's meanings and readings*. As the example words include only such kanji as have previously been learned, browsing the chart provides *automatic review of earlier kanji*. Learners can easily look up any kanji or word by using the guide numbers to locate the corresponding KLC entry.

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