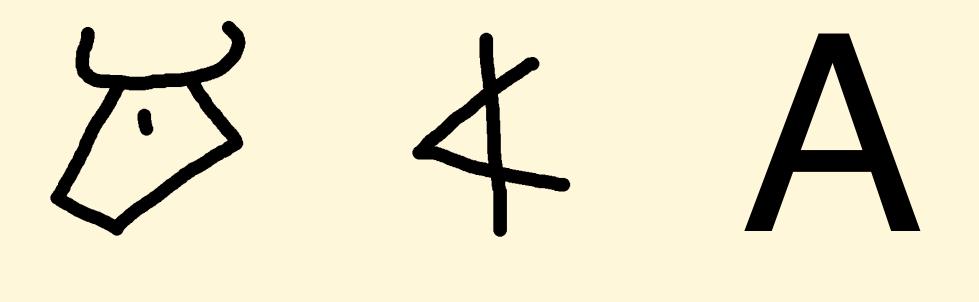


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EVOLUTION OF WRITING



,	HOENICIAN	EARLY HEBREW	ARAMAIC	EARLY GREEK	CLASSICAL GREEK	ETRUSCAN	EARLY LATIN	CLASSICAL LATIN
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	φ		φ	Φ,		P	Q	Q
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	W	W	W	5	Σ	>	4	S
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	I	x	1	I	Z	I	Z	Z

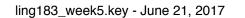
	Proto- Canaanite	Early Phoenician	Greek		Proto- Canaanite	Early Phoenician	Greek
,	Ъ	\downarrow	Α	1	C	6	Λ
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у		7	Ι	¥ UN K	ω	\lor	Σ
k	Ш	$\left \right\rangle$	K	t	+	X	Т

Digression Why "lucky duck"? Because it rhymes. Languages where those words don't rhyme (or aren't similar) would never have that expression.

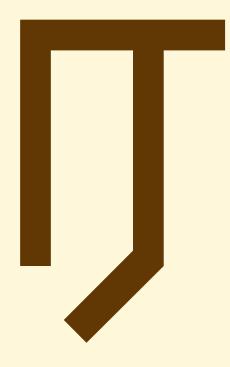
Digression Same with glyphs. Why this particular animal that happens to have a word with this phonetic shape? Because it happens to.

H	ISTORY	OF TAMIL SCRIPT
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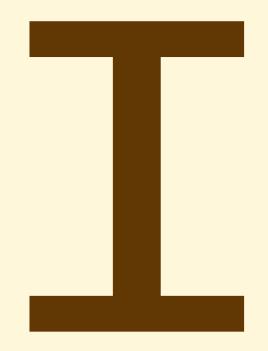
AD 2nd C



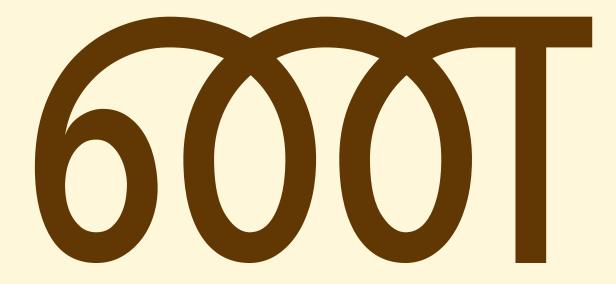
Modern



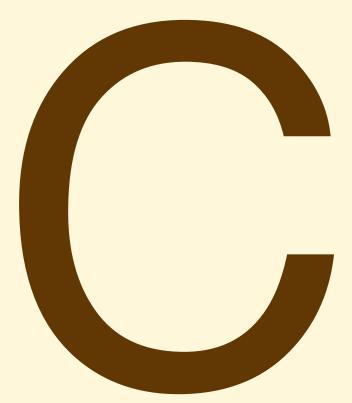
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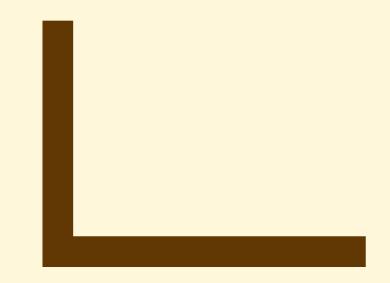
Modern



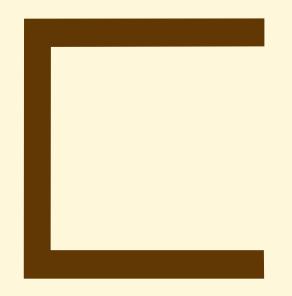
AD 2nd C



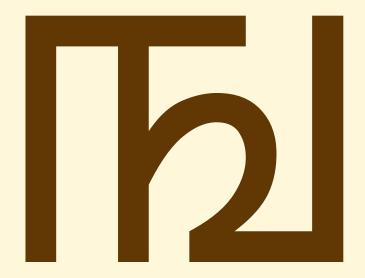
Modern



AD 2nd C



Modern



 $C \rightarrow \Box \qquad \Box \rightarrow \Box$

I→IJ

 $I \rightarrow 600T$

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Mars & Course would a start mart were and the start of the start of

Most glyphs evolve from pictographs *ultimately*.

1. Borrowing.

- 2. Change of writing tools.
- 3. Change of writers.
- 4. Systemic change.

Greek A [a] E [e] H [eː] O[o]



Borrowing Phoenician 2+9 <btj> [betix]

Mater lectionis: Using consonants to mark long vowels in an abjad.

Crucial: ONLY at the end of words (otherwise how would you know the difference between ...C# and ...CV#?).

Note: All Phoenician words begin with a consonant (words we think of as Vinitial begin with /?/).

Phoenician 7 [j] *or* [iː]

Greek No [j], but they do have [i] and [iː]...

Greek え→I



Cuneiform was developed for the Sumerian language.

The Sumerians and Akkadians dug each other. Had lots of dealings.

The Sumerians shared their purely pictographic writing with the Akkadians.

But...they're different languages.

Sumerian = Highly agglutinating; minimal inflection.

Borrowing

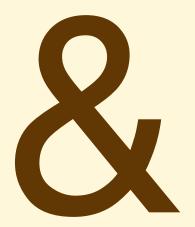
Akkadian = Highly inflectional; not very agglutinating.

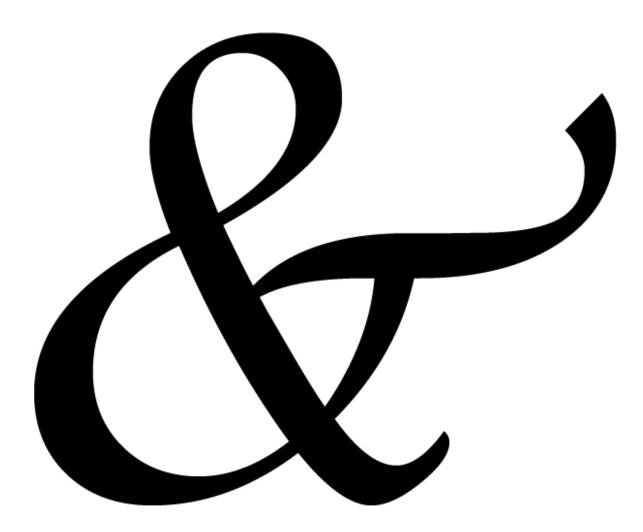
Borrowing

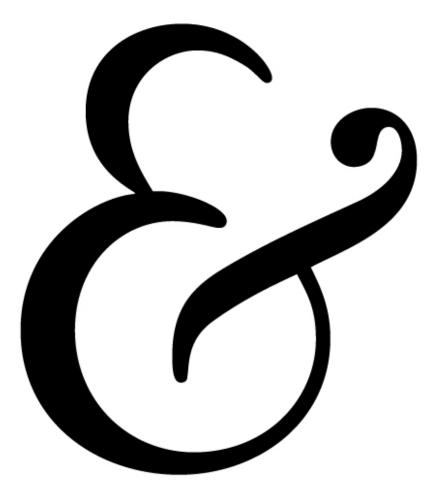
Sumerian Cuneiform Word = Glyph Sentence = Word + Word + Word + Word

Borrowing **Akkadian Cuneiform** Glyph = The Sumerian word sounds a little like x. Word = Built out of glyphs so they sound like our word.

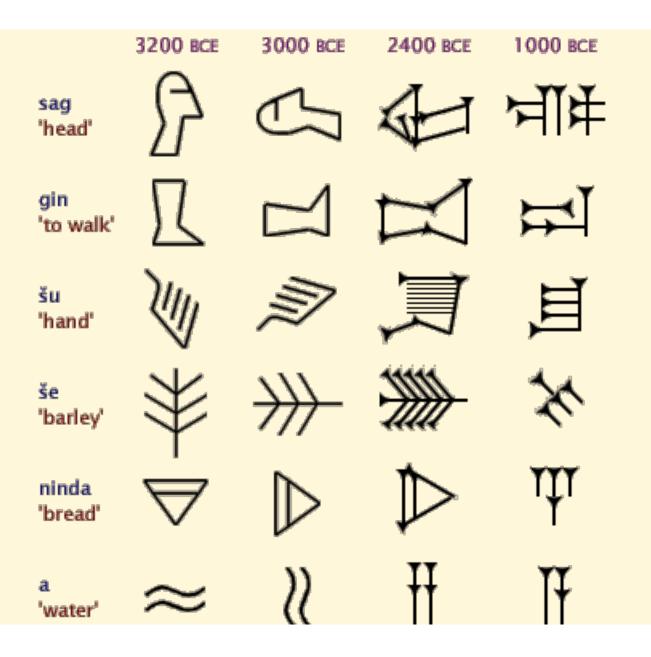
Change of Writing Tools

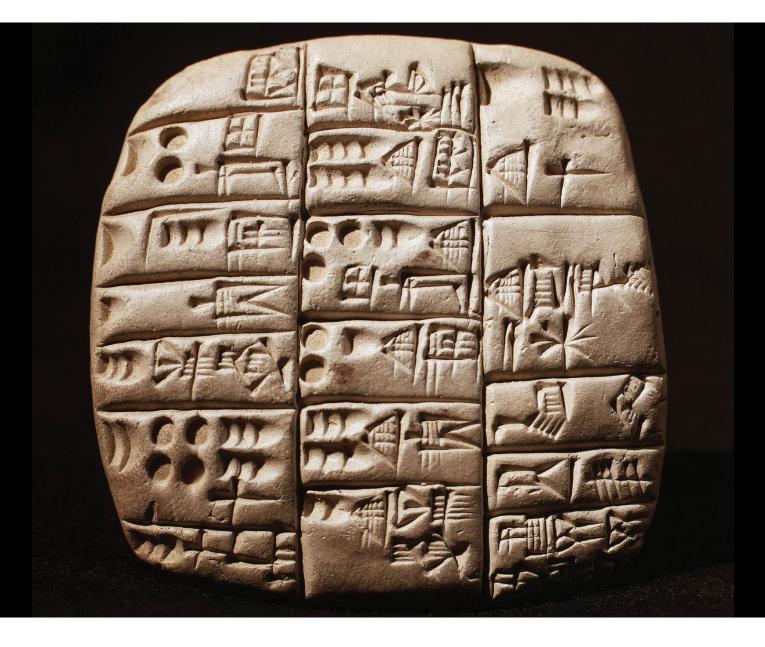




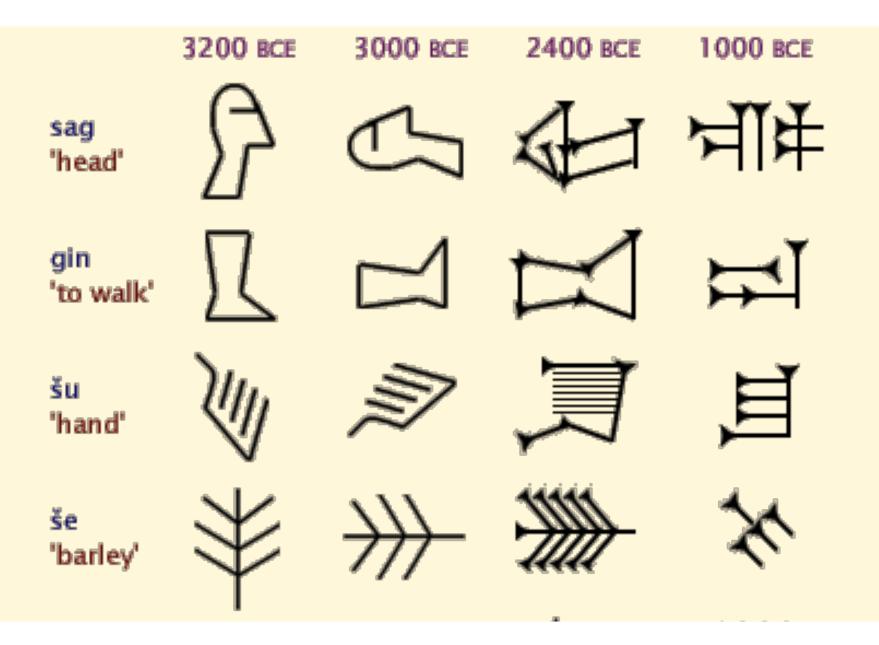






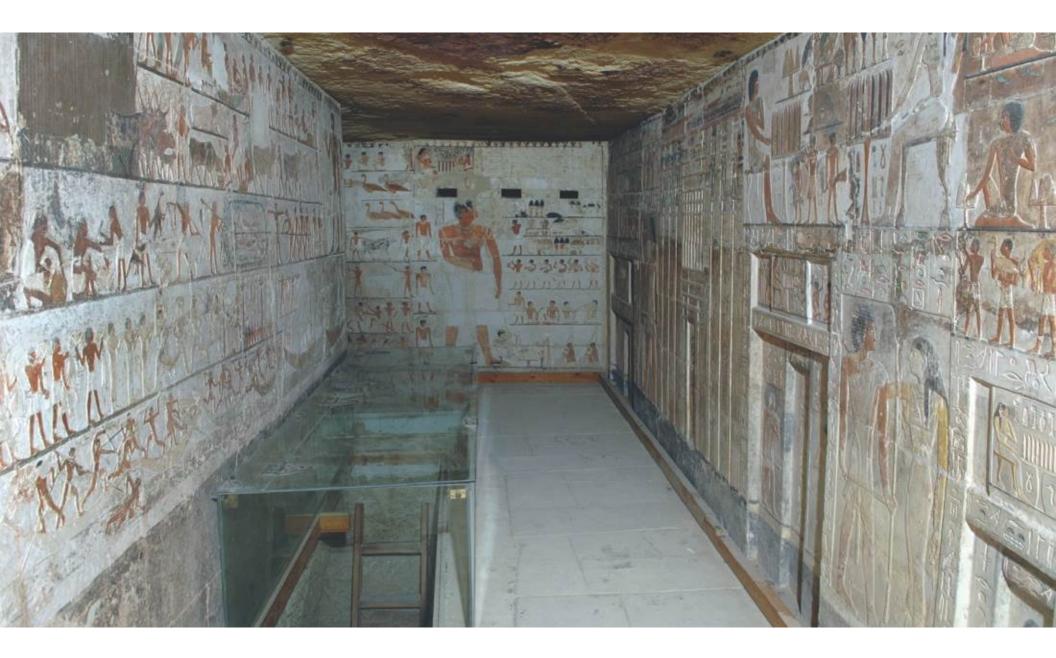




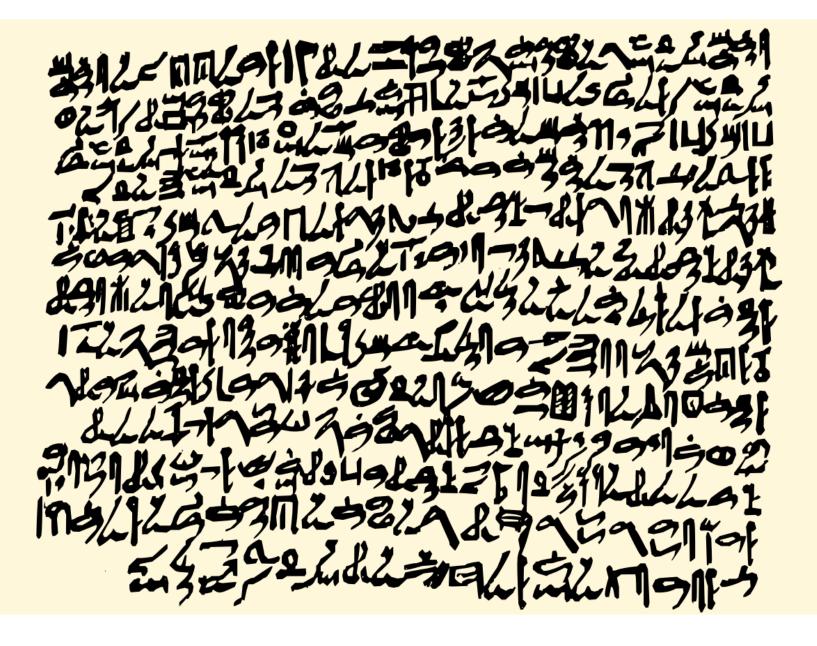


Change of Writers

Who's writing in your language? What are they writing?







Change of Writers Hieroglyphs = Formal, official, stone. Hieratic = Economic/ administrative documents, letters, legal briefs.

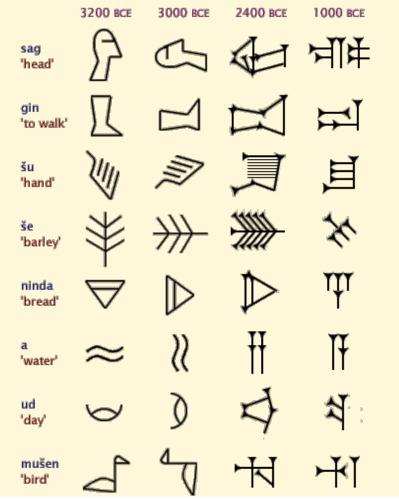
Change of Writers

A vs. a B vs. b C vs. c D vs. d

Change of Writers Monks invented Carolingian miniscule to write more quickly, and to allow the script to be read more easily.

Change of Writers

Lower case kind of jump started the spread of the Roman script.

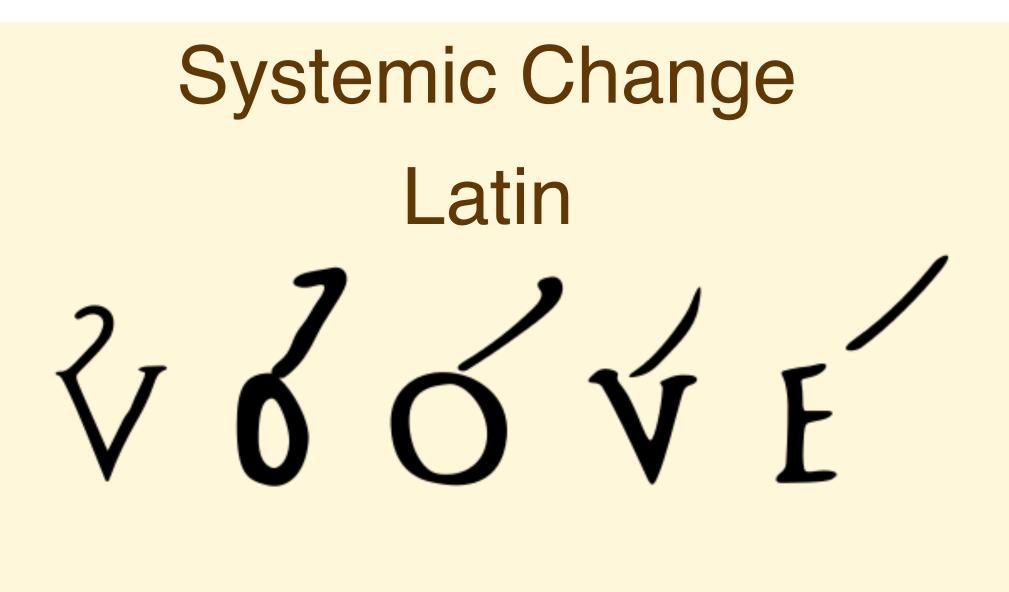


Pł	IOENICIAN	EARLY HEBREW	AKAMAK.	EARLY GREEK	CLASSICAL GREEK	ETRUSCAN	EARLY LATIN	CLASSICAL LATIN
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		9	я Ч	3	E	*	E	BCDmFG
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PHOENICIAN	HEBREW	ARAMAIC	EARLY GREEK	GREEK	ETRUSCAN	EARLY LATIN	LATIN
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PHOENICIAN	EARLY HEBREW	EARLY ARAMAIC	EARLY GREEK	CLASSICAL GREEK	ETRUSCAN	EARLY LATIN	LATIN	
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As with reduplication and vowel lengthening, there are iconic/affective changes in scripts.



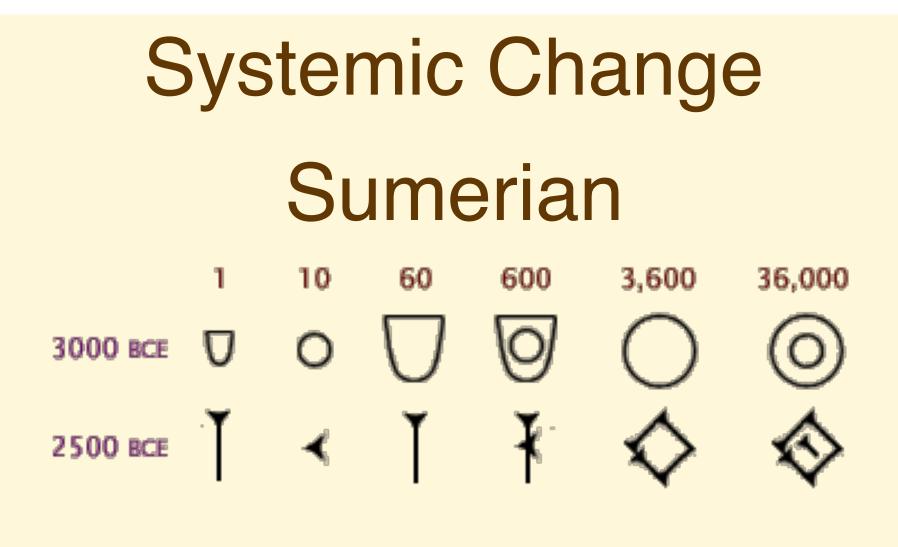
Modern Latin ū ō ē

Other Romance á é í ó ú

Common affective strategies: Ascending/descending line, dot, writing a character larger or smaller, inversion, etc.

Basically: *Something* to indicate "this is the same, but different kind of".

Most often applied to stress, vowel length, tone, intonation—secondary features (not voicing, etc.).



Latin annus /annus/

Spanish año /ano/

Latin *nn

Spanish J

Old Spanish n

Spanish ñ

Old German Mutter Muetter

German Mutter Mütter

Old German Mutter Můtter

German Mutter Mütter

German Goethe

Systemic Change j > i i > l W > VVU > V

Systemic Change

æ > ae
œ > oe
ÿ > ij
Ю > lou

Systemic Change

ou [u] ເou [ju]

Systemic Change Tamil பி [pi] ~ ஃபி [fi]

SPELLING

Spelling: How users match symbols to their language.

Spellings are standardized first by scribes (may differ by scribe).

Spellings are further standardized when writing spreads amongst all classes. Important: It *REALLY* matters what the language sounds like at the time that spellings are standardized!

knight [knixt]

Why didn't it change? Because no one was in charge.

Now, though, no one accepts variants spellings even if they're understood.

The Nites of the Round Table

Spanish has mostly kept up with pronunciation changes, because they literally change them.

Real Academia Española ruled, among other things, that LL and CH wouldn't be separate letters in 1994.

More progressive than the Academie Française.

Generally, when a word's spelling is standardized, it's hard to change.

Also, when writing develops, sounds that are in the language at that time tend to be encoded (so protosystems, not modern).

General Maxim Words are spelled how they're pronounced.

Spanish tu ~ tú si ~ sí que ~ qué mi ~ mí

French cent [sã] "one hundred" sang [sã] "blood" sens [sã] "(l) feel" sans [sã] "without"

/kotan/





<ko-ta-na> /kotan/



<ko-ta-n> /kotan/

Syllabic Spelling कोतँ

<ko-tã> /kotan/

Syllabic Spelling /kotan/ -1 **-e** -0 -U -a 7 ****/ 入 k-Â $\overline{\boldsymbol{\zeta}}$ ·Ú. >**t**-オ n-









Syllabic Spelling Synharmonic Deletion $CV_xCV_x\# \rightarrow CV_xC\#$

Synharmonic Cancellation

$CV_xCV_x\# \rightarrow CV_xCV_x\#$

elika

ऐलिक

<e-li-ka>

Vowel Carrier: Empty consonant that houses vowels.

Usual culprits: ? and h.

Syllabic Spelling								
	-a	-e	-i	-0	-U			
Ø	अ	ए	इ	ओ	3			
k	क	के	कि	को	कु			
р	प	पे	पि	पो	पु			
t	त	ते	ति	तो	तु			

Syllabic Spelling Tamil க = ka கா = kā $\mathfrak{R} = \mathbf{k} \mathbf{i} \quad \mathfrak{R} = \mathbf{k} \mathbf{\bar{i}}$ கு = ku கூ = kū

Syllabic Spelling Tamil 0 = ke (රිස = $k\bar{e}$ கொ = ko கோ = kō கை = kai கௌ = kau

Practice

	LAB	COR	PAL	VEL	GLOT
STOP	b	t		k	
FRIC	f	S			h
NASAL	m	n			
APPR			j	W	

Intervocalic Voicing								
	LAB	COR	PAL	VEL	GLOT			
STOP	b	t/d		k/g				
FRIC	f/v	s/z			h			
NASAL	m	n						
APPR			j	W				

Intervocalic Voicing

*bata → bada *akena → agena *safi → savi *meso → mezo

Loss of Initial Unstressed V

*akena \rightarrow *agena \rightarrow gena *itina \rightarrow *idina \rightarrow dina

Loss of Geminates

*tosa \rightarrow *toza \rightarrow toza *tossa \rightarrow *tossa \rightarrow tosa

Order

(1) Proto-Stage
(2) Intervocalic Voicing
(3) #V Ø (Unstressed)
(4) Degemination

Tonight (1) MA9 = Orthography. May require physical paper! (Those who have tablets, that can work well!)