

Learn how to read Ελληνικά in 10 minutes

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Why?

- It is fun
- It is easy
- It is everywhere (in science)!

Linear B (1500 - 1200 BC)

												
a	da	ja	ka	ma	na	pa	qa	ra	sa	ta	wa	za
												
e	de	je	ke	me	ne	pe	qe	re	se	te	we	ze
												
i	di		ki	mi	ni	pi	qi	ri	si	ti	wi	
												
o	do	jo	ko	ma	no	po	qo	ro	so	to	wo	zo
												
u	du	ju	ku	mu	nu	pu		ru	su	tu		

Greek Alphabet (from Phoenician, 800 BC - now)

	ΑΑ		ΒΒΒ		Γ
	Δ		Ι		Μ
	Κ		Π		Ρ
	Λ		Σ		Τ
	ΕΕ		Ν		Χ
	Φ, Υ		Η		Ο
	Ι		Ο		Ω
	ΒΗ		Ω		Υ, Ψ

Α α	Β β	Γ γ	Δ δ
Ε ε	Ζ ζ	Η η	Θ θ
Ι ι	Κ κ	Λ λ	Μ μ
Ν ν	Ξ ξ	Ο ο	Π π
Ρ ρ	Σ σ ς	Τ τ	Υ υ
Φ φ	Χ χ	Ψ ψ	Ω ω

Ἄλφα - Alfa

Upper:

A

Lower:

α

Sounds like 'a' in:

absorb

Βήτα - Veeta

Upper:

B

~~beta~~

Lower:

β

Sounds like 'v' in:

divide

Γάμμα - gamma

Upper:

Γ

~~gamma~~

Lower:

γ

Sounds like 'y' in:

yeast (kinda...)

- Voiced velar/palatal fricative

Δέλτα - Theta

Upper:

Δ

delta

Lower:

δ

Sounds like 'th' in:

this

- Voiced dental fricative

Ἐψιλον - Epseelon

Upper:

Ε

~~epseyelon~~

Lower:

ε

Sounds like 'e' in:

evolution

Ζήτα - Zeeta

Upper:

Ζ

Lower:

ζ

Sounds like 'z' in:

zebra

‘Ητα - Eeta

Upper:

Η

Lower:

η

Sounds like ‘i’ in:

interstellar

Θήτα - Theeta

Upper:

Θ

~~th~~eta

Lower:

θ

Sounds like 'th' in:

thin

Ιώτα - Yota

Upper:

Ι

Lower:

ι

Sounds like 'i' in:

interstellar

Κάππα - Kappa

Upper:

Κ

Lower:

κ

Sounds like 'k' in:

kilo

Λάμδα - Lamtha

Upper:

Λ

~~lamda~~

Lower:

λ

Sounds like 'l' in:

luminosity

Mi - Me

Upper:

M



Sounds like 'm' in:

mass

Lower:

m

N_i - Knee

Upper:

N

~~nu, new~~

Lower:

V

Sounds like 'n' in:

nebula

ΞΙ - Ksee

Upper:



Lower:



Sounds like 'x' in:

galaxy

Όμικρον - Omekron

Upper:

Ο

Lower:

ο

Sounds like 'o' in:

orbit

Π - Pea

Upper:

Π



Lower:

π

Sounds like 'p' in:

parallax

Pω - Rho/Ro

Upper:

P

Lower:

p

Sounds like 'r' in:

rotate

Σίγμα - Sigma

Upper:

Σ

Lower:

σ / ς

Sounds like 's' in:

seeing

Tau - Taf/Tough

Upper:

T

~~tau, tao~~

Sounds like 't' in:

Lower:

T

transient

Υψιλον - Eepseelon

Upper:

Y

Lower:

U

Sounds like 'i' in:

interstellar

Φí - Fee

Upper:

Φ

~~feye~~

Lower:

φ

Sounds like 'f' in:

field

Xí - Hee

Upper:

X

~~k~~ai

Lower:

X

Sounds like 'h' in:

hydrogen (kinda...)

- Voiceless palatal fricative

Ψí - Psee

Upper:

Ψ

Lower:

Ψ

Sounds like 'ps' in:

encapsulate

Ωμέγα - Omega

Upper:

Ω

~~omega~~

Lower:

ω

Sounds like 'o' in:

orbit

Γάμμα Γάμμα

Upper:

Γ Γ

Lower:

γ γ

Sounds like 'g' in:

gravity

Γάμμα Κάππα

Upper:

ΓΚ

Lower:

γκ

Sounds like 'g' in:

gravity

Μι Πι

Upper:

ΜΠ

Lower:

μπ

Sounds like 'B' in:

Bekiaris
(Μπεκιάρης)

Ni Tau

Upper:

NT

Lower:

VT

Sounds like 'd' in:

declination

Ταυ Ζήτα

Upper:

ΤΖ

Lower:

τζ

Sounds like 'J' in:

Jupiter

Ταυ Σίγμα

Upper:

ΤΣ

Lower:

Τσ

Sounds like 'ch' in:

change

Όμικρον Ύψιλον

Upper:

OY

Sounds like 'oo' in:

zoom

Lower:

OU

Άλφα Ιώτα

Upper:

ΑΙ

Lower:

αι

Sounds like 'ai' in:

chair

Ἐψιλον Ιώτα

Upper:

ΕΙ

Lower:

ει

Sounds like 'i' in:

interstellar

Ό μικρον Ιώτα

Upper:

Οι

Lower:

οι

Sounds like 'i' in:

interstellar

Υψιλον Ιώτα

Upper:

ΥΙ

Lower:

υι

Sounds like 'i' in:

interstellar

Άλφα Ύψιλον

Upper:

AY

Lower:

αυ

Two different sounds:

gravity (αβ)

or

after (αφ)

Ἐψιλον Ὑψιλον

Upper:

EY

Lower:

EU

Two different sounds:

evidence (εβ)

or

effect (εφ)

The accent mark (τόνος, tonos)

- Used to stress the sound of a letter
- Only used with vowels
 - ά, έ, ή, ί, ό, ύ, ώ, Ά, Έ, Η, Ί, Ό, Υ, Ω
- ..and vowel digraphs
 - αί, εί, οί, ού, αύ, εύ
- Getting it wrong is not always a problem (but it sounds funny!)
 - **καλημέρα**, **καλημερά**, **καλήμερα**
- Can change the meaning of the word
 - Νόμος (law), Νομός (county)
 - Χορός (dance), Χώρος (space)

Διαλυτικά - Diaeresis

- Used to separate digraphs and diphthongs
 - αϊ, αϋ, οϊ, οϋ, εϋ, εϊ
- Can be combined with accent mark
 - αΐ, αΰ, οΐ, οϋ̂, εϋ̂, εΐ

I need some volunteers

(...otherwise I will volunteer you)

Your turn!

- Αστρονομία
 - Αστροφυσική
 - Γαλαξίας
 - Κομήτης
 - Κοσμολογία
 - Μετεωρίτης
 - Πλανήτη
 - Τηλεσκόπιο
 - Υδρογόνο
 - Χωροχρόνος
- Astronomy
 - Astrophysics
 - Galaxy
 - Comet
 - Cosmology
 - Meteorite
 - Planet
 - Telescope
 - Hydrogen
 - Spacetime

Σας ευχαριστώ!
(Thank you!)

