

PRINCIPAL PARTS OF GREEK VERBS in CORE VOCABULARY STEMS ENDING in DENTALS

Paradigm for principal parts of Greek verbs:

Present	Future	Aorist	Perfect Active	Perfect Middle	Aorist Passive	Meaning
<u>stem</u> + ω	<u>stem</u> + σω	augment + <u>stem</u> + σα	reduplication + <u>stem</u> + κα	reduplication + <u>stem</u> + μαι	augment + <u>stem</u> + θην	
<u>λύω</u>	<u>λύσω</u>	<u>ἔλυσα</u>	<u>λέλυκα</u>	<u>λέλυμαι</u>	<u>ἐλύθην</u>	loosen

Verbs whose stems end in dentals have present stems which end in δ, ζ, θ, or σ.

The stems of these verbs go through a fairly predictable set of changes:

- + σ → σ, therefore -σ- in future and aorist
but -ίζω → ιέω → ιῶ in "Attic future"
- + κ → κ, therefore -κ- in perfect active
- + μ → σμ, therefore -σμ- in perfect middle
- + θ → σθ, therefore -σθ- in aorist passive

Example: δικάζω, δικάσω, ἐδίκασα, δεδίκακα, δεδίκασμαι, ἐδικάσθην

Vowels:

augmented, lengthened or reduplicated:

- α or ε → η (except after ε, ι, ρ, where α → ᾱ)
- ο → ω

Consonants:

reduplicated:

- φ → πεφ-
- χ → κεχ-
- θ → τεθ-
- σ → ἔσ-

Regular verbs. Not all verbs are attested in all tenses, moods, and voices, but the following verbs normally form their stems regularly: ἀγωνίζομαι (contend for a prize), ἀθροίζω (muster), ἀναγκάζω (force, compel), ἀρμόζω/ἀρμόττω (join), ἀρπάζω (snatch), βιάζω/βιάω (force, compel), δικάζω (judge), ἐλπίζω (hope for), ἐξετάζω (examine), θαυμάζω (be in awe), κολάζω (punish), κομίζω (bring), λογίζομαι (calculate), νομίζω (consider), ὀνομάζω (call by name), ὀργίζω (make angry), πειράζω (test), σκευάζω (prepare), σπεύδω (hurry), σφάζω (kill), ὑβρίζω (insult, offend, disrespect), φράζω (tell), φροντίζω (think), ψεύδω (lie, cheat), ψηφίζω (vote).

Verbs with stems which violate the above rules are listed below, with the irregular part(s) underlined. While many verbs lack one or more principal parts, or are simply not attested in some forms, lack of a particular part does not in itself constitute a violation. A verb must display an irregular formation to be listed here. Most irregularities involve changes in the vowels in the stem.

Present	Future	Aorist	Perfect Active	Perfect Middle	Aorist Passive	Meaning
ἄδω	<u>ἄσομαι</u>	ἦσα		ἦσομαι	ἦσθην	sing
<u>ἄρέσκω</u>	ἄρέσω	ἦρεσα			ἦρέσθην	please
δεῖδω	<u>δεῖσομαι</u>	ἔδεισα	<u>δέδοικα</u> or <u>δίδια</u>			fear
ἔθω			<u>εἶωθα</u>			be accustomed
εἶδομαι	εἶσομαι	<u>εἶδον</u>	<u>οἶδα</u>			see/know
appear	will know	saw	know			
ἐργάζομαι	ἐργάσομαι	<u>εἰργασάμην</u>		<u>εἰργάσομαι</u>	<u>εἰργάσθην</u>	work
ἐσθίω (see mixed stem verbs)						
ἦδομαι	<u>ἦσθήσομαι</u>				<u>ἦσθην</u>	rejoice
<u>λανθάνω</u>	λήσω	<u>ἔλαθον</u>	<u>λέληθα</u>	λέλησμαι		do without being noticed
<u>μανθάνω</u>	<u>μαθήσομαι</u>	<u>ἔμαθον</u>	<u>μεμάθηκα</u>			learn
<u>πάσσω</u>	πάσω	ἔπασα		πέπασμαι	ἐπάσθην	sprinkle
πείθω	πείσω	ἔπεισα	πέπεικα	πέπεισομαι	ἐπείσθην	persuade
			<u>πέποιθα</u>			
πέρθω	πέρσω	<u>ἔπραθον</u>				destroy
<u>πίπτω</u>	πεσοῦμαι	ἔπεσον	<u>πέπτωκα</u>			fall
<u>πυνθάνομαι</u>	<u>πεύσομαι</u>	ἐπυθόμην		πέπυσμαι		ascertain
σπουδάζω	<u>σπουδάσομαι</u>	ἐσπούδασα	ἐσπούδακα	ἐσπούδασομαι	ἐσπουδάσθην	hurry
σώζω, σῶζω	σώσω	ἔσωσα	<u>σέσωκα</u>	<u>σέσωσομαι</u>	<u>ἔσώθην</u>	save
τίκτω (see palatal stem verbs)						