

"Need to Know" Greek & Latin

#	Root	Meaning	Example
1	a-	without	abiotic
2	ab-	away	aboral
3	amphi	both sides	amphibian
4	angio	container	Angiospermae
5	anthro	human	anthropology
6	aqua	water	aquarium
7	arbor	tree	arboretum
8	archae	ancient, old	archaeology
9	arthro	jointed	arthropod
10	artio	even	artiodactyl
11	aster	star	astronomy
12	avi	bird	aviary
13	basidia	pedestal	Basidiomycota
14	bio	life	biology
15	bryo	swell	Bryophyta
16	carni	meat	carnivore
17	centi	100	centipede
18	cephla	head	Cephalopoda
19	chiro	hand	chiropractor
20	chondro	cartilage	Chondrichthyes
21	cili	small hair	Ciliophora
22	circum-	around	circumference
23	corpus	body	corpuscule
24	cosmo	universe	cosmic
25	cyte	cell	cytology
26	dactyl	finger	artiodactyl
27	derm	skin	epidermis
28	diplo	double	Diplopoda
29	donta	teeth	odonta
30	dorm	sleep	dormant
31	echino	spiny	Echinodermata
32	ecto	outside	ectoplasm
33	endo-	within	endoskeleton
34	epi	top	epidermis
35	equ-	equal	equinox
36	eu	good, new	eubacteria
37	exo	off, outside	exhale
38	gastro	stomach	gastrologic
39	geo	land	geology
40	grav	heavy	gravity
41	gymno	naked	Gymnospermae
42	helio	sun	heliocentric
43	helmenthes	worm	Platyhelminthes
44	hemi-	half	hemisphere
45	hetero-	different	heterozygous
46	homo-	same	homogeneous
47	hydro	water	hydrometer
48	hymen	membrane	Hymenoptera
49	hyper-	over	hyperactive
50	hypo-	under	hypodermic
51	ichthys	fish	Osteichthyes
52	inter-	between	interstate
53	iso-	equal	isosceles
54	leuko	white	leukocyte
55	litho	rock	lithosphere
56	luna	moon	lunar
57	mare	sea	marine

#	Root	Meaning	Example
58	meso	middle	mesophyll
59	meta	change	metamorphosis
60	micro-	very small	microscope
61	milli	1000	millipede
62	mono	one	monoplane
63	morph	form	metamorphic
64	mycota	fungus	Basidiomycota
65	myo	muscle	myocardia
66	nemato	thread	Nematoda
67	nocto	night	nocturnal
68	nucleo	nut, kernel	nucleus
69	ology	study of	biology
70	omni-	all	omnivorous
71	oral	mouth	oral
72	ortho	straight, upright	orthopedic
73	osteo	boney	osteocyte
74	paleo	ancient	paleontology
75	ped	foot	pedal
76	perrios	odd	perissodactyl
77	phago	to eat	phagocyte
78	phillos	love	hydrophilic
79	phobo	hate	hydrophobic
80	phoro	movement	Ciliophora
81	phyll	leaf	chlorophyll
82	phyta	plant	Chlorophyta
83	pinna	wing	pinniped
84	platy	flat	Platyhelminthes
85	poda	foot	Cephalopoda
86	poly-	many	polygon
87	post-	after	postpone
88	pre-	before	prehistoric
89	prim-	first	primary
90	pro-	forward	produce
91	pseudo	false	pseudopod
92	ptera	wing	Chiroptera
93	sci	to know	science
94	scope	to see	microscope
95	scribe	to write	inscribe
96	sed	to settle	sediment
97	semi-	half	semicircle
98	spermae	seed	sperm
99	spir	breath	respiration
100	struct	to build	construct
101	sub-	under, inferior	submarine
102	super-	above	superior
103	tele-	distant, far	telescope
104	terra	land	terrestrial
105	therm	heat	thermometer
106	tracheo	tube	trachea
107	trans-	across	transfer
108	tremato	hole	Trematoda
109	trib	to give	tributary
110	valva	folding door	Bivalva
111	vis	to see	visible
112	vitae	life	vital
113	volv	to roll	revolve
114	vora	to eat	carnivore

The "New 11"			
#	Root	Meaning	Example
1	Ante	Before	anterior
2	Audio	To hear	auditory
3	Brachio	Arm	Brachiocephalic
4	Cryo	Cold	cryogenics
5	Humor	Fluid	humidity
6	Juxta	Beside	juxtaposition
7	Nephri	Kidney	Nephridia
8	Oculo	Eye	ocular
9	Peri	Around	Pericardium
10	Schizo	To split	schizophrenia
11	Stoma	Opening	Stomata