

Prefix, Suffix, & Root
Quiz Schedule for 2010-2011 Academic School Year
Freshman Biology

Quiz 1	a- to ambi-	August 27
Quiz 2	ameb- to -ap	September 10
Quiz 3	apo- to auto-	September 20
Quiz 4	bacter- to calor-	October 4
Quiz 5	capill- to cerat-	October 18
Quiz 6	cerebr- to cocc-	November 1
Quiz 7	coel- to cyan-	November 15
Quiz 8	-cycle to dys-	November 29
Quiz 9	ec- to ferro-	December 13
Quiz 10	fibr- to -gram, graph	January 3
Quiz 11	grav- to hydr-	January 14
Quiz 12	hygr- to -ium	January 24
Quiz 13	-kary- to malle-	February 7
Quiz 14	mamm- to noct-, nov-	February 21
Quiz 15	-node to path-, -pathy	March 7
Quiz 16	-ped- to prim-	March 21
Quiz 17	pro- to -septic	April 11
Quiz 18	sess- to thall-	April 25
Quiz 19	-the-, -thes- to zym-	May 2

Scientific Root Words, Prefixes, And Suffixes

a-, an-	not, without, lacking, deficient	Quiz #1
ab-	away from, out from	
-able	capable of	
ac-	to, toward	
-aceous	of or pertaining to	
acou-, acous-	hear	
ad-	to, toward	
aden-	gland	
adip-	fat	
aero-	air	
agri-	field, soil	Quiz #2
-al	having the character of	
alb-	white	
alg-, -algia	pain	
alto-	high	
ambi-	both	
ameb-	change, alternation	
amni-	fetal membrane	
amphi-, ampho-	both	
amyl-	starch	
ana-	up, back, again	Quiz #3
andro-	man, masculine	
anemo-	wind	
ang-	choke, feel pain	
angi-	blood, vessel, duct	
ante-	before, ahead of time	
anter-	front	
antho-	flower	
anti-	against, opposite	
anthropo-	man, human	
-ap-, -aph-	touch	Quiz #4
apo-, ap-	away from	
aqu-	water	
archaeo-	primitive, ancient	
-ary, -arium	denotes a place for something	
arteri-	artery	
arthr-	joint, articulation	
-ase	forms names of enzymes	
aster-, astr-	star	
-ate	verb form – the act of	
anther-	fatty deposit	
-ation	noun form – the act of	
atmo-	vapor	
audi-	hear	
aur-	ear	
auto-	self	Quiz #5
bacter-, bactr-	bacterium, stick, club	
barb-	beard	
baro-	weight	
bath-	depth, height	
bene-	well, good	
bi- (Latin)	two twice	
bi-, bio- (Greek)	life, living	
-blast-	sprout, germ, bud	
brachi-	arm	
brachy-	short	
brady-	slow	
branchi-	fin	
brev-	short	
bronch-	windpipe	
cac-	bad	
calor-	heat	
capill-	hair	
capit-	head	
carcin-	cancer	
cardi-	heart	
carn-	meat, flesh	
carp-	fruit	
carpal-	wrist	
cata-	breakdown, downward	
caud-	tail	
-cell-	chamber, small room	
cen-, cene-	now, recent	

cente-	pierce	Quiz #5
centi-	hundredth	
centr-	center	
cephal-	head	
cerat-	horn	
cerebr-	brain	
cervic-	neck	
chel-	claw	
chem-	dealing with chemicals	
chir-	hand	
chlor-	green	Quiz #6
chondr-	cartilage	
chrom-, -chrome	color	
chron-	time	
-chym-	juice	
-cid-, -cis-	cut, kill, fall	
circa-, circum-	around, about	
cirru-	hair like curls	
co-	with, together	
cocc-	seed, berry	
coel-	hollow	Quiz #7
coll-	glue	
coni-	cone	
contra-	against	
corp-	body	
cort-, cortic-	outer layer	
cosmo-	world, order, form	
cotyl-	cup	
counter-	against	
crani-	skull	
cresc-, cret-	begin to grow	
crypt-	hidden, covered	
-cul-, -cule	small, diminutive	
cumul-	heaped	
cuti-	skin	
cyan-	blue	Quiz #8
-cycle, cycl-	ring, circle	
-cyst-	sac, pouch, bladder	
cyt-, -cyte	cell, hollow container	
dactyl-	finger	
de-	away from, down	
deca-	ten	
deci-	tenth	
deliquesc-	become fluid	
demi-	half	
dendr-	tree	
dent-	tooth	
derm-	skin	
di-, dipl- (Latin)	two, double	
di-, dia- (Greek)	through, across, apart	
dia- (Latin)	day	
digit-	finger, toe	
din-	terrible	
dis-	apart, out	
dorm-	sleep	
dors-	back	
du-, duo-	two	
-duct	lead	
dynam-	power	
dys-	bad, abnormal, difficult	
ec-	out of, away from	Quiz #9
echin-	spiny, prickly	
eco-	house	
ecto-	outside of	
-elle	small	
-emia	blood	
en-, endo-, ent-	in, into, within	
-en	made of	
encephal-	brain	
enter-	intestine, gut	
entom-	insects	
-eous	nature of, like	
epi-	upon, above, over	
-err-	wander, go astray	

erythro-	red	Quiz #9
-escent	becoming	
eso-	inward, within, inner	
eu-	well, good, true, normal	
eury-	widen	
ex-	out of, away from	
extra-	beyond, outside	
-fer-	bear, carry, produce	
ferro-	iron	
fibr-	fiber, thread	
-fid, fiss-	split, divided into	Quiz #10
-flect, -flex	bend	
flor-	flower	
flu-, fluct-, flux	flow	
foli-	leaf	
fract-	break	
-gam-	marriage	
gastr-	stomach	
geo-	land, earth	
-gen-, -gine	producer, former	
-gene-	origin, birth	
-gest-	carry, produce, bear	
-glen-	eyeball	
-glob-	ball, round	
gloss-	tongue	
gluc-, glyc-	sweet, sugar	
glut-	buttock	
gnath-	jaw	
-gon	angle, corner	
-grad-	step	
-gram, graph	record, writing	
grav-	heavy	Quiz #11
-gross-	thick	
gymno-	naked, bare	
gyn-	female	
gyr-	ring, circle, spiral	
-hal-, -hale	breathe, breath	
halo-	salt	
hapl-	simple	
hector-	hundred	
-helminth-	worm	
hem-	blood	
hemi-	half	
hepar-, hepat-	liver	
herb-	grass, plants	
hetero-	different, other	
hex-	six	
hibern-	winter	
hidr-	sweat	
hipp-	horse	
hist-	tissue	
holo-	entire, whole	
homo- (Latin)	man, human	
homo- (Greek)	same, alike	
hort-	garden	
hydr-	water	
hygr-	moist, wet	Quiz #12 continued on next column
hyper-	above, beyond over	
hyph-	weaving, web	
hypno-	sleep	
hypo-	below, under, less	
hyster-	womb, uterus	
-iae	person afflicted with disease	
-iasis	disease, abnormal condition (adjective former)	
-ic	fish	
-ichthy-	fish	
ign-	fire	
in-, il-, im-, ir-	not	
in-, il-, im-, ir-	to, toward, into	
in-	very, thoroughly	
-ine	of or pertaining to	
infra-	below, beneath	
inter-	between	
intra-	within, inside	

-ism	a state or condition	Quiz #12
iso-	equal, same	
-ist	person who deals with	
-itis	inflammation, disease	
-ium	refers to a part of the body	
-kary-	cell nucleus	
kel-	tumor, swelling	
kerat-	horn	
kilo-	thousand	
kine-	move	
lachry-	tear	
lact-	milk	
lat-	side	Quiz #13
leio-	smooth	
-less	without	
leuc-, leuk-	white, bright, light	
lign-	wood	
lin-	line	
lingu-	tongue	
lip-	fat	
lith-, -lite	stone, petrifying	
loc-	place	
-log-	word, speech	
-logist	one who studies	
-logy	study of	
lumin-	light	
-lys, -lyt, -lyst	decompose, split, dissolve	
macr-	large	
malac-	soft	
malle-	hammer	
mamm-	breast	Quiz #14
marg-	border, edge	
mast-	breast	
med-	middle	
meg-	million, great	
mela-, melan-	black, dark	
-mer	part	
mes-	middle, half, intermediate	
met-, meta-	between, along, after	
-meter, -metry	measurement	
micro-	small, millionth	
milli-	thousandth	
mis-	wrong, incorrect	
mito-	thread	
mole-	mass	
mono-	one, single	
mort-	death	
mot-	move	
morph-	shape, form	
multi-	many	
mut-	change	
my-	muscle	
myc-	fungus	
mycel-	threadlike	
myriad-	many	
moll-	soft	
nas-	nose	
necr-	corpse, dead	
nemat-	thread	
neo-	new, recent	
neprho-	kidney	
-ner-	moist, liquid	
neur-	nerve	
noct-, nov-	night	
-node	knot	Quiz #15
-nom-, -nomy	ordered knowledge, law	
non-	not	
not-	back	
nuc-	center	
ob-	against	
ocul-	eye	
oct-	eight	
odont-	tooth	
-ond	form, appearance	
olf-	smell	
oligo-	few, little	
-oma	abnormal condition, tumor	
omni-	all	
onc-	mass, tumor	
oo-	egg	

ophthalm-	eye	Quiz #15
opt-	eye	
orb-	circle, round, ring	
-orium, -ory	place for something	
ornith-	bird	
orth-	straight, correct, right	
oscu-	mouth	
-osis	abnormal condition	
oste-	bone	
oto-	ear	
-ous	full of	
ov-	egg	
oxy-	sharp, acid, oxygen	
pachy-	thick	
paleo-	old, ancient	
palm-	broad, flat	
pan-	all	
par-, para-	beside, near, equal	
path-, -pathy	disease, suffering	
-ped-	foot	Quiz #16
-ped-	child	
pent-	five	
per-	through	
peri-	around	
permea-	pas, go	
phag-	eat	
pheno-	show	
-phil-	loving, fond of	
phon-, -phone	sound	
-phore-, pher-	bear, carry	
photo-	light	
phren-	mind, diaphragm	
phyc-	seaweed, algae	
phyl-	related group	
-phyll	leaf	
physic-	nature, natural qualities	
phyt-, phyte	plant	
pino-	drink	
pinni-	feather	
plan-	roaming, wandering	
plasm-, -plast-	form, formed into	
platy-	flat	
pleur-	lung, rib, side	
pneumo-	lungs, air	
-pod	foot	
ply-	many, several	
por-	opening	
port-	carry	
post-	after, behind	
pom-	fruit	
pre-	before, ahead of time	
prim-	first	
pro-	forward, favoring, before	Quiz #17
proto-	first, primary	
pseudo-	false, deceptive	
psych-	mind	
pter-	having wings or fins	
pulmo-	lung	
puls-	drive, push	
pyr-	heat, fire	
quadr-	four	
quin-	five	
radi-	ray	
re-	again, back	
rect-	right, correct	
ren-	kidney	
ret-	net, made like a net	
rhag-, -rrhage	burst forth	
rhe-, rhea	flow	
rhin-	nose	
rhiz-	root	
rhodo-	rose	
roto-	wheel	
rubr-	red	
sacchar-	sugar	
sapr-	rotten	
sarc-	flesh	
saur-	lizard	
schis-, schiz-	split, divide	
sci-	know	

scler-	hard	Quiz #17
-scop-	look, device for seeing	
-scribe, -script	write	
semi-	half, partly	
sept-	partition, seven	
-septic	infection, putrefaction	
sess-	sit	
sex-	six	
-sis	condition, state	
sol-	sun	
solv-	loosen, free	
som-, somat-, -some	body	
somn-	sleep	Quiz #18
son-	sound	
spec-, spic-	look at	
-sperm-	seed	
-spher-	ball, round	
spir-, -spire	breathe	
-spor-	seed	
stat-, -stasis	standing, placed, staying	
stell-	stars	
sten-	narrow	
stern-	chest, breast	
stom-, -stome	mouth	
strat-	layer	
stereo-	solid, 3-dimensional	
strict-	drawn tight	
styl-	pillar	
sub-	under, below	
super-, sur-	over, above, on top	
sym-, syn-	together	
tachy-	quick, swift	
tarso-	ankle	
tax-	arrange, put in order	
tele-	far off, distant	
telo-	end	
terr-	earth, land	
tetr-	four	
thall-	young shoot	
-the-, -thes-	put	Quiz #19
-thel-	cover a surface	
therm-	heat	
-tom-	cut, slice	
toxico-	poison	
top-	place	
trache-	windpipe	
trans-	across	
tri-	three	
trich-	hair	
-trop-	turn, change	
-troph-	nourishment, one who feels	
turb-	whirl	
-ul-, -ule	diminutive, small	
ultra-	beyond	
uni-	one	
ur-	urine	
-ura	tail	
vas-	vessel	
vect-	carry	
ven-, vent-	come	
ventr-	belly, underside	
-verge	turn, slant	
vig-	strong	
vit-, viv-	life	
volv-	roll, wander	
-vor-	devour, eat	
xanth-	yellow	
xero-	dry	
xyl-	wood	
zo-, -zoa	animal	
zyg-	joined together	
zym-	yeast	

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