

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	
amn-	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	Quiz #5
-ation	noun form – the act of	
atmo-	vapor	
audi-	hear	
aur-	ear	
auto-	self	
bacter-, bacr-	bacterium, stick, club	
barb-	beard	
baro-	weight	
bath-	depth, height	
bene-	well, good	Quiz #6
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	Quiz #7
calor-	heat	
capill-	hair	
capit-	head	
carcin-	cancer	
cardi-	heart	
carin-	meat, flesh	
carp-	fruit	
carpal-	wrist	
cata-	breakdown, downward	
caud-	tail	Quiz #8
-cell-	chamber, small room	
cen-, cane-	now, recent	

cente-	perce	Quiz #9
centi-	hundredth	
centr-	center	
cephal-	head	
cerat-	horn	
cerebr-	brain	
cervic-	neck	
chel-	claw	
chem-	dealing with chemicals	
chir-	hand	
chlor-	green	Quiz #10
chondr-	cartilage	
chrom-, -chrome	color	
chron-	time	
-chym-	juice	
-cid-, -dis-	cut, kill, fall	
circa-, circum-	around, about	
cirru-	hair like curls	
co-	with, together	
coco-	seed, berry	
coel-	hollow	Quiz #11
colt-	glue	
con-	cone	
contra-	against	
corp-	body	
cort-, cortic-	outer layer	
cosmo-	world, order, form	
cotyl-	cup	
counter-	against	
crani-	skull	
cresc-, crest-	begin to grow	Quiz #12
crypt-	hidden, covered	
-cul-, -cule	small, diminutive	
cumul-	heaped	
cuti-	skin	
cyan-	blue	
-cycle, cycl-	ring, circle	
-cyst-	sac, pouch, bladder	
cyt-, -cyte	cell, hollow container	
dactyl-	finger	
de-	away from, down	Quiz #13
deca-	ten	
deci-	tenth	
deliquesco-	become fluid	
derm-	half	
dendr-	tree	
dent-	tooth	
derm-	skin	
di-, dipl- (Latin)	two, double	
di-, dia- (Greek)	through, across, apart	
dia- (Latin)	day	Quiz #14
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 #15
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	Quiz #16
-ecus	nature of, like	
epi-	upon, above, over	
-err-	wander, go astray	

erythro-	red	Quiz #17
-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	Quiz #18
-fid, fiss-	split, divided into	
-flect, -flex	bend	
flor-	flower	
flu-, fluct-, flux	flow	
foli-	leaf	
fract-	break	
-gam-	marriage	
gastr-	stomach	
geo-	land, earth	
-gen-, -gine	producer, former	Quiz #19
-gene-	origin, birth	
-gest-	carry, produce, bear	
-glen-	eyeball	
-glob-	bail, round	
gloss-	tongue	
gluc-, glyco-	sweet, sugar	
glut-	buttock	
gnath-	jaw	
-gon	angle, corner	
-grad-	step	Quiz #20
-gram, graph	record, writing	
grav-	heavy	
-gross-	thick	
gymno-	naked, bare	
gyn-	female	
gyr-	ring, circle, spiral	
-hal-, -hale	breathe, breath	
halo-	salt	
hapt-	simple	
hector-	hundred	Quiz #21
-helminth-	worm	
hem-	blood	
hemi-	half	
hepar-, hepat-	liver	
herb-	grass, plants	
hetero-	different, other	
hex-	six	
hibern-	winter	
hidr-	sweat	
hipp-	horse	Quiz #22
hist-	tissue	
holo-	entire, whole	
homo- (Latin)	man, human	
homo- (Greek)	same, alike	
hort-	garden	
hydr-	water	
hygr-	moist, wet	
hyper-	above, beyond over	
hyph-	weaving, web	
hypno-	sleep	Quiz #23
hyster-	below, under, less	
-iae	womb, uterus	
-lasis	person afflicted with disease	
-ic	disease, abnormal condition (adjective former)	
-ichthy-	fish	
ign-	fire	
in-, il-, im-, in-	not	
in-, il-, im-, in-	to, toward, into	
in-	very, thoroughly	
-ine	of or pertaining to	
infra-	below, beneath	Quiz #24
inter-	between	
intra-	within, inside	

Quiz #1 continued on next column

Quiz #9 continued on next column

Quiz #12 continued on next column

-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	Quiz #13
lact-	milk	
lat-	side	
leio-	smooth	
-less	without	
leuc-, leuk-	white, bright, light	
lign-	wood	
lin-	line	
lingu-	tongue	
lip-	fat	
lith-, -lite	stone, petrifying	Quiz #14
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 #15
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	Quiz #16
milli-	thousandth	
mis-	wrong, incorrect	
mito-	thread	
mole-	mass	
mono-	one, single	
mort-	death	
mot-	move	
morph-	shape, form	
multi-	many	
mut-	change	Quiz #17
my-	muscle	
myco-	fungus	
mycel-	threadlike	
myriad-	many	
moll-	soft	
nas-	nose	
necr-	corpse, dead	
nemat-	thread	
neo-	new, recent	
nephro-	kidney	Quiz #18
-ner-	moist, liquid	
neur-	nerve	
noct-, nov-	night	
-node	knot	
-nom-, -nomy	ordered knowledge, law	
non-	not	
not-	back	
nuc-	center	
ob-	against	
ocul-	eye	Quiz #19
oct-	eight	
odont-	tooth	
-ond	form, appearance	
olf-	smell	
oligo-	few, little	
-oma	abnormal condition, tumor	
omni-	all	
onc-	mass, tumor	
oo-	egg	

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ophthalm-	eye	Quiz #12
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	Quiz #13
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	
-ped-	child	Quiz #14
pent-	five	
per-	through	
peri-	around	
permea-	pass, go	
phag-	eat	
pheno-	show	
-phil-	loving, fond of	
phon-, -phone	sound	
-phone-, pher-	bear, carry	
photo-	light	Quiz #15
phren-	mind, diaphragm	
phyc-	seaweed, algae	
phyt-	related group	
-phyll	leaf	
physic-	nature, natural qualities	
phyt-, phyte	plant	
pino-	drink	
pinni-	feather	
plan-	roaming, wandering	
plasm-, -plast-	form, formed into	Quiz #16
platy-	flat	
pleur-	lung, rib, side	
pneumo-	lungs, air	
-pod	foot	
ply-	many, several	
por-	opening	
port-	carry	
post-	after, behind	
por-	fruit	
pre-	before, ahead of time	
prim-	first	Quiz #17
pro-	forward, favoring, before	
p(roto)-	first, primary	
pseudo-	false, deceptive	
psych-	mind	
pter-	having wings or fins	
pulmo-	lung	
puls-	drive, push	
pyr-	heat, fire	
quadr-	four	
quin-	five	Quiz #18
radi-	ray	
re-	again, back	
rect-	right, correct	
ren-	kidney	
ret-	net, made like a net	
rhag-, -rhage	burst forth	
rhe-, rheo	flow	
rhin-	nose	
rhiz-	root	
rhodo-	rose	Quiz #19
roto-	wheel	
rubr-	red	
sacchar-	sugar	
sapr-	rotten	
sarc-	flesh	
saur-	lizard	
schis-, schiz-	split, divide	
sci-	know	

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scler-	hard	Quiz #12
-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	Quiz #13
som-, somat-, -some	body	
somn-	sleep	
son-	sound	
spec-, spic-	look at	
-sperm-	seed	
-spher-	ball, round	
spir-, -spire	breathe	
-spor-	seed	
stat-, -stasis	standing, placed, staying	
stell-	stars	Quiz #14
sten-	narrow	
stem-	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	Quiz #15
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	
-thel-	cover a surface	Quiz #16
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	Quiz #17
turb-	whirl	
-ul-, -ule	diminutive, small	
ultra-	beyond	
uni-	one	
ur-	urine	
-ura	tall	
vas-	vessel	
vect-	carry	
ven-, vent-	come	
ventr-	belly, underside	Quiz #18
-verge	turn, slant	
vig-	strong	
viv-	life	
volv-	roll, wander	
-vor-	devour, eat	
xanth-	yellow	
xer-	dry	
zoo-	animal	
zyg-	joined together	Quiz #19
zym-	yeast	

Name: _____ Period: _____

- | | |
|-------------------------|---|
| 1. <u>arenaceous</u> | A. Lacking color |
| 2. <u>renewable</u> | B. Full-length white linen ecclesiastical garment |
| 3. <u>adduction</u> | C. Science of sound |
| 4. <u>spiradenoma</u> | D. Movement of limbs toward the midline of the body |
| 5. <u>aboral</u> | E. Class of drugs that manage pain |
| 6. <u>agronomy</u> | F. Capable of being regenerated or replaced |
| 7. <u>alb</u> | G. Branch of science that deals with the movement of air |
| 8. <u>achromatic</u> | H. Pertaining to sand |
| 9. <u>altimeter</u> | I. Having characteristics of being invented |
| 10. <u>acoustics</u> | J. A benign tumor of sweat glands |
| 11. <u>analgesic</u> | K. Attraction and repulsion toward a person, object or action |
| 12. <u>adipose</u> | L. Located away from the mouth |
| 13. <u>fictional</u> | M. An instrument for measuring height |
| 14. <u>ambivalence</u> | N. Cell that stores lipids in the body |
| 15. <u>aerodynamics</u> | O. Dealing with field-crop production and soil management |

Name: _____ Date: _____ Period: _____

Section 2 Prefix-Suffix Quiz ameb- to -aph-

- | | |
|--------------------------|---|
| 1. _____ anguish | A. Feeding upon or living among flowers |
| 2. _____ antibody | B. Type of surgery that opens clotted blood vessels |
| 3. _____ anemometer | C. Test that checks the health of a fetus |
| 4. _____ androgen | D. Device used to calculate wind speed |
| 5. _____ anthropomorphic | E. Moving upward |
| 6. _____ amphipathic | F. Class of male hormones |
| 7. _____ amniocentesis | G. Existing before the civil war |
| 8. _____ angioplasty | H. Class of cell responsible for storing fat |
| 9. _____ antebellum | I. Situated before or toward the front |
| 10. _____ amylase | J. Described or thought of as having a human form |
| 11. _____ adipocyte | K. Having both hydrophilic and hydrophobic properties |
| 12. _____ anabatic | L. Hydrolytic enzyme for starch |
| 13. _____ anthophilous | M. Feeling of extreme anxiety or pain |
| 14. _____ anterior | O. Class of proteins that fight against infection |

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Root Quiz #3

1. _____ atherosclerosis

2. _____ apogee

3. _____ arteriole

4. _____ auditory meatus

5. _____ astrocyte

6. _____ autotroph

7. _____ Archaeopteryx

8. _____ arthropod

9. _____ dehydrogenase

10. _____ aquarium

11. _____ macerate

A. Opening in the skull that allows sound to travel to your hearing sensors

B. Small blood vessel

C. Water tank

D. An extinct reptile like bird

E. A point in space where a satellite is at the greatest distance away from Earth

F. the act of breaking up food with ones teeth

G. Star-shaped support cell found in the central nervous system

H. Member of a phylum of animals with jointed appendages

I. Hardening of blood vessels caused by fatty acid deposits

J. Organism that creates its own food

K. Enzyme responsible for transferring protons

Name: _____ Date: _____ Period: _____ Score: _____

Scientific Root Quiz #4 – bacter- to calor-

1.____ <u>bathyscape</u>	A. the germ cell of bone tissue that forms bone tissue
2.____ <u>antebrachium</u>	B. fleshy beard-like filaments growing from the mouth or snout of a fish.
3.____ <u>cacoethes</u>	C. a class of small aquatic crustaceans which are distinguished by having gills (NOT FINS) on their feet
4.____ <u>brachycephalic</u>	D. resulting in good
5.____ <u>barbel</u>	E. Pertaining to both ears
6.____ <u>beneficial</u>	F. a vehicle for exploring the deep oceans
7.____ <u>branchiopod</u>	G. having a relatively broad, short skull
8.____ <u>brevity</u>	H. pertaining to the arm
9.____ <u>barometer</u>	I. an irresistible urge to do something inadvisable.
10.____ <u>calorific</u>	J. shortness in speech or writing
11.____ <u>osteoblast</u>	K. A substance used to open and relax a constricted windpipe
12.____ <u>bronchodilator</u>	L. relating to the amount of energy contained in food or fuel
13.____ <u>bradycardia</u>	M. Virus that attacks and kills prokaryotic organisms
14.____ <u>biauricular</u>	O. Slower than normal heart rate
15.____ <u>bacteriophage</u>	P. a device which measures air pressure (or weight)

Name: _____ Date: _____ Period: _____ Score: _____

Section 5 Prefix-Suffix Quiz – capill- to cerat-

- | | |
|-------------------------|--|
| 1. _____ carcinogen | A. hind or tail region of an animal |
| 2. _____ endocardium | B. Smallest blood vessels, some no thicker than a strand of hair |
| 3. _____ encephalitis | C. procedure in which a needle is pierced into abdomen of a pregnant woman in order to collect fluid |
| 4. _____ capillaries | D. To behead or remove someone's head |
| 5. _____ catabolism | E. one hundredth of a meter |
| 6. _____ decapitate | F. The breakdown of complex molecules |
| 7. _____ metacarpals | G. Cancer causing substance |
| 8. _____ carpel | H. Inflammation of tissues of the head |
| 9. _____ centromere | I. Bones of the wrist |
| 10. _____ carnivore | J. Structure located in the middle of a chromosome during cell division |
| 11. _____ caudal | K. seed bearing structure of a flower |
| 12. _____ cell | L. Layer of tissue lining the inside of the heart |
| 13. _____ centimeter | M. having a horn-shaped structure |
| 14. _____ ceratoid | O. living structure that was named for its chamber-like shape |
| 15. _____ amniocentesis | P. A flesh-eating animal |

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Section 6 Prefix-Suffix Quiz – cerebr- to cocc-

_____1	<u>chloroplast</u>	A.	a "colored body" of DNA in a nucleus
_____2	<u>chromosome</u>	B.	Not belonging in present time
_____3	<u>chyme</u>	C.	Group of insects with front claw-like appendages used to catch prey
_____4	<u>circumaxillary</u>	D.	internal opening around the armpit
_____5	<u>cocci</u>	E.	bacteria that are sphere shaped
_____6	<u>Cerebral</u>	F.	Cartilage-producing cell
_____7	<u>anachronism</u>	G.	In the wild, when one hatchling kills another in competition for resources
_____8	<u>chondrocyte</u>	H.	the neck of the uterus
_____9	<u>chelicerate</u>	I.	come together and form one mass or whole
_____10	<u>siblicide</u>	J.	Of or pertaining to the brain
_____11	<u>chemotherapy</u>	K.	green organelle in a autotrophic cell
_____12	<u>chiropteran</u>	L.	a hairlike filament, such as the appendage of a barnacle
_____13	<u>cirrus</u>	M.	order of mammals that include bats, whose hands act as wings
_____14	<u>cervix</u>	N.	Course of treatment for cancer involving high doses of chemicals
_____15	<u>coalesce</u>	O.	digestive juice

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Section 7 Prefix-Suffix Quiz – coel- to cyan-

1. <u>countercurrent</u>	A. small needlelike structures of a sponge
2. <u>spicule</u>	B. type of tree that bears pine cones
3. <u>cryptic</u> coloration	C. animals with a hollow fluid-filled cavity
4. <u>cosmography</u>	D. movement of fluid against each other
5. <u>cretinism</u>	E. a way for an animal to be hidden in its surroundings
6. <u>coelomates</u>	F. clouds that appear to be heaped on each other
7. <u>collagen</u>	G. the first leaf produce by a plant seed
8. <u>conifer</u>	H. dark blue color of body, due to insufficient oxygen
9. <u>crescent</u>	I. the science that deals with the general features of the world
10. <u>contractile</u>	J. fibers in the body that "glue" tissues together
11. <u>cyanosis</u>	K. condition in which one does not begin to grow physically or mentally
12. <u>cortex</u>	L. the process pulling against one another
13. <u>cotyledon</u>	M. outer region of an organ
14. <u>cranial</u>	N. pertaining to the head or skull
15. <u>cumulus</u>	O. shape of the moon as it begins to grow (wax)

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|-------------------------|--|
| 1. <u>circadian</u> | A building where students sleep |
| 2. <u>cystitis</u> | B having more fingers or toes than normal |
| 3. <u>cytology</u> | C inflammation of the skin from simple contact |
| 4. <u>decimate</u> | D inflammation of the urinary bladder |
| 5. <u>deliquescence</u> | E machine used to measure power in a machine |
| 6. <u>demimonde</u> | F mammals that walk on their toes |
| 7. <u>dendrite</u> | G material making up part of the tooth |
| 8. <u>dentin</u> | H movement of fluid through blood vessel walls |
| 9. <u>dermatitis</u> | I pertaining to the backside of an organism |
| 10. <u>diapedesis</u> | J process that occurs around a day length |
| 11. <u>digitigrade</u> | K someone that is half respectable |
| 12. <u>diplococci</u> | L the science of studying cells |
| 13. <u>disassociate</u> | M layer of plant tissue around the endodermis |
| 14. <u>dormatory</u> | N to kill every tenth one |
| 15. <u>dorsal</u> | O reversibly split apart ions or molecules |
| 16. <u>dynamometer</u> | P tree or branch-like extension of a nerve cell |
| 17. <u>pericycle</u> | Q to absorb moisture until it becomes a fluid |
| 18. <u>polydactyly</u> | R bacteria that occur in pairs |

Name: _____ Date: _____ Period: _____

Section 9 Prefix-Suffix Quiz

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|------------------------------|--|
| ____ 1. <u>Echinoderm</u> | A. Inflammation of the brain |
| ____ 2. <u>Ectotherm</u> | B. having a wide range of salinity |
| ____ 3. <u>Epiglottis</u> | C. Spiny skinned animals, such as sea stars |
| ____ 4. <u>Encephalitis</u> | D. science of studying insects |
| ____ 5. <u>Enteric</u> | E. Cell type having true nucleus and organelles |
| ____ 6. <u>Erythrocyte</u> | F. Cold blooded animal, means literally "external heat" |
| ____ 7. <u>Eukaryote</u> | G. system which is formed when a community of organisms interacts with the environment |
| ____ 8. <u>Extrareceptor</u> | H. a rock layer that bears water |
| ____ 9. <u>Aquifer</u> | I. thin structure that covers the mouth of the windpipe |
| ____ 10. <u>Ecosystem</u> | J. tube running inward and within your body |
| ____ 11. <u>Esophagus</u> | K. condition of lower blood cell levels |
| ____ 12. <u>Euryhaline</u> | L. blood protein that stores iron in tissues |
| ____ 13. <u>Entomology</u> | M. Red blood cell |
| ____ 14. <u>Anemia</u> | N. Of or relating to intestines |
| ____ 15. <u>Ferritin</u> | O. detects stimuli outside of the body |

Name: _____ Period: _____

Section 10 Prefix-Suffix Quiz: fibr- to -gram, graph

____1	<u>Agnatha</u>	A When a substance flows from one level to another
____2	<u>Glycolipid</u>	B To break up a substance into many parts
____3	<u>Ectocardiogram</u>	C To undergo a division into separate parts
____4	<u>Fibrin</u>	D To bend the knee
____5	<u>Fluctuate</u>	E The fusion or marriage of a sperm and egg
____6	<u>Foliose</u>	F The carrying of young in the uterus
____7	<u>Gastroscope</u>	G Any of three muscles in the buttocks
____8	<u>Genuflect</u>	H Jawless fish
____9	<u>Geocentric</u>	I A molecule comprised of a sugar and fat
____10	<u>Gestation</u>	J Having the earth as the center of the universe
____11	<u>Glossoptosis</u>	K Soluble proteins that are round in appearance
____12	<u>Fractionate</u>	L Having a leaf-like appearance
____13	<u>Inflorescence</u>	M Downward displacement of the tongue
____14	<u>Syngamy</u>	N Arrangement of flowers on a stem
____15	<u>Fissiparous</u>	O A record of the beats of a heart
____16	<u>Glutei</u>	P A fiber-optic instrument for inspecting the stomach lining
____17	<u>Globulin</u>	Q Insoluble protein fibers of a blood clot

Name: _____ Date: _____ Period: _____

Section 11 Prefix-Suffix Quiz

- | | | |
|---------|------------------------|--|
| _____1 | <u>Hepatocyte</u> | A type of plant that produces naked seeds in a cone |
| _____2 | <u>Halophile</u> | B a plant in which all the flowers are alike |
| _____3 | <u>Platyhelminthes</u> | C an organism that lives in salty conditions |
| _____4 | <u>Gravitropism</u> | D composed of varied cell types |
| _____5 | <u>Heterogeneous</u> | E to breath in |
| _____6 | <u>Hibernate</u> | F having the breasts of a female |
| _____7 | <u>Gyrate</u> | G state in which a molecule mixes with water |
| _____8 | <u>Hippocampus</u> | H to move in a circular motion |
| _____9 | <u>Histogenesis</u> | I liver cell |
| _____10 | <u>Gynecomastia</u> | J plant growth in response to heaviness/gravity |
| _____11 | <u>Holotroph</u> | K being capable of consuming whole organisms |
| _____12 | <u>Homogamy</u> | L phylum of worms |
| _____13 | <u>Horticulture</u> | M condition in which the sufferer sweats excessively |
| _____14 | <u>Inhale</u> | N sections of the brain, which resembles a seahorse |
| _____15 | <u>Gymnosperm</u> | O to sleep rest over the cold winter months |
| _____16 | <u>Hydrophilic</u> | P the formation and differentiation of tissues |
| _____17 | <u>Hyperhidrosis</u> | Q the science of gardening |

Name: _____ Date: _____ Period: _____

Prefix-Suffix Quiz Section 12, hydr- to -ium

____1 Chondrichth <u>yes</u>	A A class of cartilaginous fish
____2 Hypo <u>secretion</u>	B A surgery to remove all or part of the uterus.
____3 Hypo <u>xia</u>	C A plant that grows in wet conditions
____4 Ichth <u>y</u> ophagous	D A condition in which human qualities are applied to inanimate objects
____5 Infrasonic	E Eating or subsisting on fish only
____6 Interstitial	F Frequencies below the audible range of humans
____7 Isochronal	G Web like elements of a fungus
____8 Hysterec <u>to</u> my	H Lack of adequate O ₂
____9 Hygro <u>phyte</u>	I Blindness disease caused by a parasitic worm
____10 Hepatit <u>is</u>	J Occurring at regular or at the same intervals of time
____11 Hyph <u>ae</u>	K Region of the body around the heart
____12 Onchocerc <u>iasis</u>	L The inner or inside region of an arch
____13 Pericard <u>ium</u>	M Release of a substance below normal levels
____14 Intra <u>dos</u>	N The excess secretion by an endocrine gland
____15 Hyper <u>thyroidism</u>	O Situated between cells
____16 Anthropomorph <u>ism</u>	P Inflammation of the liver

Name: _____ Date: _____ Period: _____

Prefix-Suffix Quiz Section 13, karyo- to malle-

- | | | | |
|--------|------------------------|----------|---|
| ____1 | <u>bioluminescence</u> | A | Study of soft-bodied organisms |
| ____2 | <u>karyokinesis</u> | B | Breaking down with the addition of water |
| ____3 | <u>keratin</u> | C | Chemical used in the hydrolysis of neutral fats |
| ____4 | <u>lachrymal</u> | D | Swollen & fibrous tissue of a scar |
| ____5 | <u>lactose</u> | E | Relating to the tongue |
| ____6 | <u>leiotrichous</u> | F | Having straight or smooth hair |
| ____7 | <u>leukocyte</u> | G | Inner ear bone in the shape of a hammer helping in sound transduction |
| ____8 | <u>lignin</u> | H | A thousand bases |
| ____9 | <u>lipase</u> | I | Pertaining to, or secreting, tears |
| ____10 | <u>malleus</u> | J | Phagocytic white blood cell |
| ____11 | <u>malacology</u> | K | Sugar found in milk |
| ____12 | <u>hyrdolytic</u> | L | Polymer that strengthens woody plants |
| ____13 | <u>keloid</u> | M | Production of light by living org. such as fireflies |
| ____14 | <u>lingual</u> | N | Protein is found horns, nails, and skin |
| ____15 | <u>kilobase</u> | O | Splitting of the cell nucleus |

Name: _____ Date: _____ Period: _____

Prefix-Suffix Quiz Section 14, mamm- to nov-

1.	<u>Necrosis</u>	A.	Inflammation of the kidneys
2.	<u>Mycelium</u>	B.	Organ with the ability to lactate
3.	<u>Neuralgia</u>	C.	In great quantities
4.	<u>Mesentary</u>	D.	Device that measures blood pressure
5.	<u>Mammary</u>	E.	After the death of an organism
6.	<u>Multifaceted</u>	F.	Condition in which black pigment is found in blood
7.	<u>Myocardium</u>	G.	Have the ability to move in location
8.	<u>Mastectomy</u>	H.	Animal active at night
9.	<u>Nephritis</u>	I.	The creation of a shape or form during development
10.	<u>Mollify</u>	J.	Cnidarian cell that shoots a thread-like projection
11.	<u>Melanaemia</u>	K.	Layer of tissue between the digestive tract and the wall of the abdomen
12.	<u>Myriapoda</u>	L.	Threadlike structures of fungi
13.	<u>Nocturnal</u>	M.	Class of arthropods having many body parts
14.	<u>Motile</u>	N.	Talking through ones nose
15.	<u>Gluconeogenesis</u>	O.	To soften in temper
16.	<u>Postmortem</u>	P.	Heart muscle
17.	<u>Nematocyte</u>	Q.	Painful condition of nerve fibers
18.	<u>Nasalize</u>	R.	Death of tissue in the body
19.	<u>Sphygmomanometer</u>	S.	Production of new sugar molecules
20.	<u>Morphogenesis</u>	T.	Surgical removal of a breast

Name: _____ Date: _____ Period: _____

Prefix-Suffix Quiz Section 15 -node to pathy-

- | | | |
|----------|------------------------|---|
| 1. ____ | <u>Internode</u> | A. Egg cell |
| 2. ____ | <u>Ocular</u> | B. Sensitive to all visible colors |
| 3. ____ | <u>Oligosaccharide</u> | C. Abnormal level of acid in the blood |
| 4. ____ | <u>Omnipotent</u> | D. All knowing |
| 5. ____ | <u>Oocyte</u> | E. Medial plate in the carapace of turtles |
| 6. ____ | <u>Orbicularis</u> | F. Carbohydrate made of a few sugar monomers |
| 7. ____ | <u>Ornithology</u> | G. Animal that has thick skin |
| 8. ____ | <u>Osteocyte</u> | H. Study of nose and throat |
| 9. ____ | <u>Otolaryngology</u> | I. The region between two knots of a plant stem |
| 10. ____ | <u>Pachyderm</u> | J. The ability to smell |
| 11. ____ | <u>Paleontology</u> | K. Pertaining to the eye |
| 12. ____ | <u>Pathology</u> | L. Bone cell |
| 13. ____ | <u>Oncology</u> | M. Study of fossils and ancient remains |
| 14. ____ | <u>Olfaction</u> | N. Study of disease |
| 15. ____ | <u>Acidosis</u> | O. Study of cancer/tumors |
| 16. ____ | <u>Conservatory</u> | P. Place where things are preserved |
| 17. ____ | <u>Panchromatic</u> | Q. A muscle that is circular or round |
| 18. ____ | <u>Nuchal</u> | R. Study of birds |

Name: _____ Date: _____ Period: _____

Prefix-Suffix Quiz Section 16, -ped to prim-

- | | | |
|----------|------------------------|---|
| 1. ____ | <u>Phenotype</u> | A. Relating to the mind |
| 2. ____ | <u>Pneumonia</u> | B. Associated with the sounds of speech |
| 3. ____ | <u>Aliped</u> | C. A physically expressed trait |
| 4. ____ | <u>Precursor</u> | D. Major taxonomic group in Biology |
| 5. ____ | <u>Phrenic</u> | E. Smooth membrane covering the lungs |
| 6. ____ | <u>Phycobilins</u> | F. Cell "drinking" |
| 7. ____ | <u>Platyhelminthes</u> | G. Rhythmic contractions of intestinal muscle |
| 8. ____ | <u>Chromatophore</u> | H. Cell that bears pigment |
| 9. ____ | <u>Pinocytosis</u> | I. Allowing substances through |
| 10. ____ | <u>Plastid</u> | J. Disease of the lungs or airways |
| 11. ____ | <u>Peristalsis</u> | K. Phylum of flatworms |
| 12. ____ | <u>Phagocyte</u> | L. End of an attack or disease |
| 13. ____ | <u>Hydrophylic</u> | M. Something that comes earlier |
| 14. ____ | <u>Phonetic</u> | N. Plant organelle that forms into other organelles |
| 15. ____ | <u>Phylum</u> | O. Red or blue pigments of algae |
| 16. ____ | <u>Permeable</u> | P. Wing-footed |
| 17. ____ | <u>Pleura</u> | Q. Having an affinity for water |
| 18. ____ | <u>Apostasis</u> | R. Cell that removes unwanted substances |

Name: _____ Date: _____ Period: _____

Prefix-Suffix Quiz Section 17, pro- to -septic

- | | | |
|----------|------------------------|---|
| 1. ____ | <u>Protonephridium</u> | A. false-foot in ameba-like organisms |
| 2. ____ | <u>Pseudopod</u> | B. to burst forth with blood |
| 3. ____ | <u>Rhinoplasty</u> | C. referring to the lungs |
| 4. ____ | <u>Hemorrhage</u> | D. first developed/primitive excretory structure |
| 5. ____ | <u>Renal</u> | E. organism that obtains nutrition from rotting plants |
| 6. ____ | <u>Pulmonary</u> | F. net-like structure |
| 7. ____ | <u>Sclerosis</u> | G. Disorder in which one plays with fire |
| 8. ____ | <u>Saprophyte</u> | H. splitting of coelom in one direction |
| 9. ____ | <u>Reticulum</u> | I. hardening of tissue |
| 10. ____ | <u>Sepsis</u> | J. Abnormal flow of intestinal evacuations |
| 11. ____ | <u>Pyromania</u> | K. phylum of red algae that can appear rose in color |
| 12. ____ | <u>Schizocoelus</u> | L. a sugar substitute used as a sweetener |
| 13. ____ | <u>Diarrhea</u> | M. referring to the kidney |
| 14. ____ | <u>Rhodophyte</u> | N. plastic surgery of the nose |
| 15. ____ | <u>Saccharin</u> | O. terrible lizard |
| 16. ____ | <u>Science</u> | P. Organism that loves salt |
| 17. ____ | <u>Dinosaur</u> | Q. a systematically organized body of knowledge on a particular subject |
| 18. ____ | <u>Halophile</u> | R. Leaf pigment |
| 19. ____ | <u>Pleurisy</u> | S. infection in blood or body fluids |
| 20. ____ | <u>Chlorophyll</u> | T. Inflammation of the rib cage |

Prefix-Suffix Quiz Section 18, sess- to -thall

- | | | |
|---------|-------------|--|
| 1.____ | Sessile | A. Arranged in the form of layers |
| 2.____ | Sternum | B. Spore producing multicellular stage in the alternation of generations of plants |
| 3.____ | Stratified | C. A stake or pillar-like shape |
| 4.____ | Stenosis | D. Occurring together within the same geographical area |
| 5.____ | Somatic | E. The young portion of a plant |
| 6.____ | Sporophyte | F. Rapid heartbeat |
| 7.____ | Styliform | G. Chestbone or breast plate |
| 8.____ | Sympatric | H. Referring to sound |
| 9.____ | Homeostasis | I. Non-coding section of DNA on the end of a chromosome |
| 10.____ | Thallus | J. A liquid that loosens a material & dissolves into solution |
| 11.____ | Taxonomy | K. A naked seed plant |
| 12.____ | Tachycardia | L. A condition in which an organism is fixed or sits in place |
| 13.____ | Sonic | M. Transform a planet to look earth-like |
| 14.____ | Telomere | N. To watch or look at |
| 15.____ | Spirometer | O. Ankle bone |
| 16.____ | Solvent | P. To place organisms into order or classification |
| 17.____ | Gymnosperm | Q. A device that measures breathing |
| 18.____ | Terraform | R. Narrowing of a duct or canal |
| 19.____ | Spectate | S. Of or relating to the body |
| 20.____ | Tarsus | T. tendency toward a relatively stable equilibrium |

Name: _____ Date: _____ Period: _____

Prefix-Suffix Quiz Section 19, -the- to -zym

- | | | |
|----------|-----------------------|--|
| 1. ____ | <u>heterotrophic</u> | A. an organism that eats leaf/organic litter |
| 2. ____ | <u>volvox</u> | B. an organism deriving its nourishment from complex organic substances. |
| 3. ____ | <u>xeroscape</u> | C. animals that live on the outside of other animals |
| 4. ____ | <u>xanthocyanin</u> | D. relating to twilight |
| 5. ____ | <u>detrivore</u> | E. a type of algae that wanders around by rolling |
| 6. ____ | <u>epizoa</u> | F. small cluster of embryonic cells produced by a sponge |
| 7. ____ | <u>costotome</u> | G. enzymes obtained from yeast |
| 8. ____ | <u>gemmule</u> | H. to take a turn from a evolutionary path |
| 9. ____ | <u>crepuscular</u> | I. giving birth to live young (not from an egg) |
| 10. ____ | <u>toxicology</u> | J. hair-like projection of a leaf |
| 11. ____ | <u>anisotropic</u> | K. physical properties that change values |
| 12. ____ | <u>diverge</u> | L. the spinning or whirling of wind or water |
| 13. ____ | <u>zymase</u> | M. pertaining to the underside or belly of an tetrapod |
| 14. ____ | <u>tracheal</u> | N. polysaccharide that comes from wood |
| 15. ____ | <u>transacetylase</u> | O. procedure that cuts vessel that carries sperm to penis |
| 16. ____ | <u>trichome</u> | P. protein that moves sugar across a cell membrane |
| 17. ____ | <u>turbulent</u> | Q. the joining of two cheek bones |
| 18. ____ | <u>vasectomy</u> | R. refering to ones windpipe |
| 19. ____ | <u>ventral</u> | S. the study of poisons |
| 20. ____ | <u>vigorous</u> | T. a yard that uses plants that can live in dry conditions |
| 21. ____ | <u>viviparous</u> | U. strong or hardy |
| 22. ____ | <u>xylose</u> | V. surgical device that cuts ribs |
| 23. ____ | <u>zygomatic</u> | W. a yellow plant pigment |