

# Summer Assignments

One of the key's to being successful in this class is understanding the vocabulary. There are thousands of terms that you will be exposed to and required to know. One of the tools in helping you accomplish this is to understand the Greek and Latin roots of the words you will encounter.

1. This summer I will ask you to review these Greek and Latin terms and come prepared the first day of class to take a test on them. You will be required to pass this test at 90% or better. This must be done in the 1st week of school so you have a command of these roots. Spend the time this summer mastering them. The list is given on the following page.
2. The AP Biology lab number 12 requires us to use animals that just are around in the spring. So if you would complete this lab this summer it would enhance our learning experience and you will get it done. It will be due the first day of class. The lab is located in the lab section of the book.
3. You will need to go to the following web site and register for student access to course materials and to have access to the online text. These are the direction to register.
  1. go to [www.pearsonschool.com/access](http://www.pearsonschool.com/access)
  2. Your code(s) begin with the letters SS
  3. Click on Covered Titles and Choose our test "Campbell, Biology 9e AP\* Edition"
  4. Choose Student Registration
  5. Accept - Pearson License Agreement
  6. Access Information -
    - \*Create username and password
    - \*Enter the Student Access Code below:  
SSNAST-FROMM-MINNA-FAKIR-LEGES
  7. Account information - complete your name and school information
  8. Confirmation and Summary - link to login and join a class. ID miller01726
4. Read Chapter 1 on-line and be ready for a short (7 questions) quiz on the 1st day of class.
5. Finally become familiar with my web site located at:  
<http://www.oremhighschool.com/staff/millerd/apbiology/index.html>



1	<b>-ase</b>	enzyme
2	<b>-el, -elle-</b>	small
3	<b>-gen, -genic, -genesis</b>	produce, initiate, formation
4	<b>-logy</b>	study of
5	<b>-meter</b>	measuring device
6	<b>-oma</b>	mass, tumor
7	<b>-ose</b>	full of, sugar
8	<b>-phyll</b>	pigment in plant cells
9	<b>a-</b>	without or not
10	<b>ab-</b>	away from
11	<b>acro-</b>	tip, peak
12	<b>aero-</b>	air, oxygen
13	<b>albi-</b>	white
14	<b>allo-</b>	different, other
15	<b>amphi-</b>	on both sides, on both kinds
16	<b>an-</b>	without, less
17	<b>ana-</b>	up, apart
18	<b>anti-</b>	against, opposite
19	<b>arch(ae/i)-:</b>	ancient
20	<b>ast(e)r-:</b>	star
21	<b>auto-</b>	self
22	<b>avi-:</b>	bird
23	<b>bi-:</b>	two
24	<b>bio-</b>	life
25	<b>carcino-</b>	cancer
26	<b>cata-</b>	down
27	<b>centri-</b>	center
28	<b>ceph(al)-:</b>	head
29	<b>chel-:</b>	turtle
30	<b>chloro-</b>	green
31	<b>chondro-</b>	cartilage
32	<b>chord-:</b>	cord
33	<b>chromo-</b>	colored
34	<b>co-</b>	with, together
35	<b>coel-:</b>	hollow
36	<b>corti-</b>	bark
37	<b>cten-:</b>	comb
38	<b>dactyl-:</b>	finger
39	<b>dent-:</b>	tooth
40	<b>derm-:</b>	skin
41	<b>di(a)-:</b>	two
42	<b>dia-</b>	separate, through, across
43	<b>dys-</b>	bad, abnormal
44	<b>ec-, ecto-</b>	outside, external, away from
45	<b>endo-</b>	inner, within, into
46	<b>epi-</b>	upon, on, above
47	<b>eu-</b>	true, good, normal
48	<b>exo-</b>	outside, external
49	<b>gast(e)r-:</b>	stomach, pouch

50	<b>germi-</b>	sprout, grow
51	<b>gesto-</b>	to bear, carry
52	<b>gnath-:</b>	jaw
53	<b>helminth-:</b>	worm
54	<b>hetero-</b>	different, other
55	<b>homeo-</b>	constant, unchanging
56	<b>homo-</b>	same, alike
57	<b>hydr-:</b>	water
58	<b>hydro-</b>	water
59	<b>hyper-</b>	above, over, excessive
60	<b>hypo-</b>	under, below
61	<b>ichthy-:</b>	fish
62	<b>idae-:</b>	ending of zoology family names
63	<b>inter-</b>	between, among
64	<b>intra-</b>	within, inside
65	<b>iso-</b>	equal, same
66	<b>karyo-</b>	nucleus, kernel
67	<b>lyso-, lyto-</b>	split apart, breakdown
68	<b>macro-</b>	long, large
69	<b>mega-</b>	large
70	<b>melano-</b>	black, dark
71	<b>mero-</b>	apart
72	<b>meso-</b>	middle
73	<b>meta-</b>	after, behind, beyond
74	<b>metabolo-</b>	change
75	<b>micro-</b>	small
76	<b>mito-</b>	thread, filament
77	<b>mono-</b>	single, one
78	<b>morpho-</b>	form
79	<b>muta-</b>	change
80	<b>neo-</b>	new
81	<b>nigra-</b>	black, dark
82	<b>nucleo-</b>	nucleus, kernel
83	<b>oligo-</b>	few, little
84	<b>ornith-:</b>	bird
85	<b>os(s/t)-:</b>	bone
86	<b>patho-</b>	disease, feeding
87	<b>peri-</b>	around
88	<b>phago-</b>	eating, feeling
89	<b>philo-</b>	loving
90	<b>phobo-</b>	fearing, repelled by
91	<b>phyto-</b>	plant
92	<b>pino-</b>	drink
93	<b>plasm-</b>	form, shape
94	<b>platy-</b>	flat, broad
95	<b>platy-:</b>	flat, broad
96	<b>po/ed-:</b>	foot
97	<b>pro-</b>	before, first, promote
98	<b>pseudo-</b>	false

99	<b>pter-:</b>	wing
100	<b>pyro-</b>	fever, fire
101	<b>retro-</b>	behind, backward
102	<b>rubra-</b>	red
103	<b>scopo-</b>	see
104	<b>soma-, somato-</b>	body
105	<b>stasi, stati-</b>	put, remain, stay the same
106	<b>telo-</b>	end, last
107	<b>thermo-</b>	heat
108	<b>tono-</b>	force, tension
109	<b>troph-</b>	food, growth
110	<b>uni-</b>	one, single
111	<b>uro-:</b>	tail
112	<b>vitre-</b>	glassy
113	<b>vivi-</b>	living
114	<b>xantho-</b>	yellow
115	<b>zygo-</b>	union, join, mate