

Honors Biology Summer Assignment 2019-20

Paradise High School, contact

Welcome to Honors Biology! These assignments will help us get a head start on the curriculum and lay the foundation before school starts.

Supplies – bring first day of school

Composition notebook (no spirals) – left in class

Folder – kept by the student for graded papers

Pencils/Pens

Scotch tape

Kleenex

1 - Read 3 selected articles, answer the questions and take notes on each one using Cornell note taking style. The student must hand write the notes and turn them in the first day of school. You can find resources online to help you with the method of Cornell note taking.

2 - Studying the language of science is like learning a new language. Biology is largely comprised of Latin, so you will need to learn the following prefixes, suffixes, and roots from the next two pages. Study the attached list. Pay particular attention to the words used in the videos. These are a part of our first unit. There will be a Prefix, Suffix, and Vocab Test the first week of school.

3 - Using the list from the following two pages, construct 20 words by combining prefixes and suffixes. Each word must be followed by a definition of what the word means. Your words do not have to be real words. You can have as many prefixes/suffixes in the word as you like. Example: Chlorophobia- fear of the color green. Due the first day of school.

Name _____ Date _____ Class _____

Language of Science

Example: biology – life, study or science (study of life)

1. phototropism—
2. hydrophobic—
3. heterotroph—
4. homeostasis—
5. multicellular—
6. hypodermic—
7. anthropology—
8. hypothermic—
9. gymnosperm—
10. pseudopod—
11. photograph—
12. autograph—
13. neuralgia—
14. decapod—
15. hepatitis—
16. cytology—
17. zoology—
18. microbiology—
19. geology—
20. cardiology—

Notice that several prefixes can mean the same thing:

21. What are two prefixes that mean ONE or SINGLE? _____
22. What are two suffixes that mean CUT or CUT OUT? _____
23. What are two prefixes that mean ABOVE or ON? _____
24. What are two prefixes that mean TWO? _____

Just knowing one part of a word gives you a clue to the whole word:

25. Would you want to be careful when touching an animal called an ECHINDNA? Yes No
26. What does a CARNIVORE eat? _____
27. Is a NEONATE a tiny baby or an old person? _____
28. Is a CRANIOTOMY a serious surgery? Yes No
29. An ALBINO rabbit is what color? _____
30. Does an AMPHIBIAN live on land or water? _____
31. If a medicine is CONTRAINDICATED for you, should you take it? Yes No
32. A DERMATOLOGIST works with what part of the body? _____
33. How does a tiny animal called a ROTIFER travel through the water? _____
(hint: look up rota)
34. If you visited the Elysian Park ARBORETUM, what would you expect to see? _____
35. In 1969, where did the LUNAR mission land? _____
36. What is another name for a CHRONOMETER? _____
37. Why do they call this symbol (*) an ASTERISK? _____