Welcome to Honors Biology with Ms. Bryant!!

Summer Assignment 1: Join Google Classroom

- Code: yvis7hre

Summer Assignment 2: Prepare your Biology notebook

- 3-ring binder with loose-leaf lined paper and subject dividers.
    - It is important to get a **3-ring binder** because you will receive a packet for each unit we cover that will include notes, labs, homework assignments etc.

Summer Assignment 3: Watch the study skills videos that are posted on Google Classroom

Summer Assignment 4: Biology Scavenger Hunt

- Select and "collect" 20 terms from the list (on next page)
- When I say "collect", I mean you should collect that item by finding it and taking a **photograph.** You will make a digital "collection", along with corresponding explanations. Use google slides to create a slideshow with pictures pasted in along with identification and description for each.
    - You do not need to find the exact item on the list. For example, if it is an internal part of an organism, you can apply the term to the specimen and explain how this specimen represents the term.
    - **EXAMPLE:** Phloem - Phloem is part of the vascular bundle of a land plant that brings sugars created by photosynthesis in the leaves to the rest of the plant to provide energy. The picture is of a peony with phloem inside the stem.
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- **Original Photos ONLY**
    - You cannot use an image from any publication or the internet. You must have taken the photograph yourself. You have to prove this by placing a small item (drivers license, a button, toy car, etc.) in all of your photographs that only you could have added. You could also make a small sign of your name that will be in each photo. You can even have yourself in the picture.

- **Natural Items ONLY**
    - Specimens may be used for only one term, and all must be from something that you have found in nature that is or once was alive. E.g. You cannot use your little sister's stuffed pony for a picture of a mammal. Take a walk around your yard, neighborhood, and town or even the beach. Research what the term means and in what organisms it can be found... and then go out and find one!

- **Include a description of the term (in your own words) and how it relates to the photograph**

Biology Scavenger Hunt list.

- You must photograph at least 20 of the terms below as well as identify and describe each.
- Make 1 slide for each item
- Each photo is 2 pts and each description is 2 points for a total of 80 pts

1. Adaptation of an animal
2. Adaptation of a plant
3. Abscisic acid
4. Actin
5. Albinism
6. Amniotic egg
7. Amylase
8. Angiosperm
9. Annelid
10. Anther & filament of stamen
11. Aposematic coloration
12. Arthropod
13. Archaebacteria
14. Autotroph
15. Carbohydrate
16. Cambium
17. Cellulose
18. Chemotaxis
19. Chitin
20. Chlorophyll
21. Chrysalis
22. Cnidarian
23. Coniferous tree
24. Commensalism
25. Cotyledon
26. Cryptic coloration
27. Cuticle layer of a plant
28. Deciduous tree
29. Decomposer
30. Diploid chromosomes
31. Echinoderm
32. Ectotherm
33. Endosperm
34. Endotherm
35. Enzyme
36. Epithelial tissue
37. Eubacteria
38. Eukaryote
39. Exoskeleton
40. Fermentation
41. Flower ovary
42. Fruit – dry for dispersal
43. Fruit – edible for dispersal
44. Gastropod
45. Genetically modified organism
46. Gibberellins
47. Glucose
48. Glycogen
49. Gymnosperm
50. Haploid chromosome
51. Hemoglobin
52. Heterotroph
53. Keratin
54. Larvae
55. Legume
56. Lichen
57. Lignin
58. Lipid
59. Meristem
60. Modified leaf of a plant
61. Modified root of a plant
62. Modified stem of a plant
63. Mutualism
64. Mycorrhizae
65. Myosin
66. Nematode
67. Neuron
68. Niche
69. nymph stage of an insect
70. Osteocyte
71. Parasite
72. Phloem
73. Phototaxis
74. Pine cone – female
75. Pollen
76. Pollinator
77. Porifera
78. Prokaryote
79. Protein – fibrous
80. Protein – globular
81. Radial symmetry
82. Spore
83. Sporophyte
84. starch
85. stigma & style of carpel
86. Stomata
87. Unicellular organism
88. Variation in a population
89. Xylem