**Summer Scavenger Hunt**

# Instructions

Welcome to AP Biology, and the AP Biology Summer Scavenger Hunt!

On the next page is a list of biological terms and concepts. Locate 25 of those items and have a picture of yourself with the item, or take a selfie with the item. **You must be in the photo to get credit!**

Create a Slides presentation using the following format.

Slide 1: include the following information:

* Name
* Grade

Slide 2; Tell me about yourself.

* What do you like to do? Hobbies?
* What does Mr. Bagge need to know about you?

Slide3 - 27 contain three (3) pieces of information, and be in the order listed below.

* + The picture of you and the biology term. If you just want a partial selfie that’s fine too. Do not simply copy and paste images you find online.
  + The biologically relevant definition of the term.
  + The date and general location of the picture.

Once you have completed the AP Biology Summer Scavenger Hunt and created a Powerpoint, send it

# The Items

1. Aquatic Ecosystem (Freshwater lake or stream)
2. Denatured proteins (cooked meat)
3. Mixture of polar and nonpolar liquids (oil and water/seperated salad dressing)
4. Population (a group of individuals of the same species)
5. Inheritance (genetic trait or traits passed from one generation to another)
6. Organism that performs photosynthesis
7. Organism that performs fermentation or a product of fermentation (careful here!)
8. Organism that performs cellular respiration
9. A simple carbohydrate (sugar or starch)
10. A complex carbohydrate (cotton / cellulose)
11. Community (different populations in the same area)
12. Ecosystem (biotic and abiotic factors together, such as a forest or desert)
13. A C4 plant (corn) or a CAM plant (cactus)
14. An animal that has undergone artificial selection.
15. A plant that has undergone artificial selection.
16. An endotherm
17. An ectotherm
18. You eating the product of a fertilized angiosperm.
19. You eating/holding something with a low pH (i.e., something sour).
20. A parasite/parasitic relationship
21. A mutualistic relationship
22. A decomposer
23. Cohesion / surface tension of water
24. Evidence of human impact on an ecosystem
25. Object where flowering plants sexually reproduce
26. Herbivory or predation
27. A photoautotroph
28. A chemoheterotroph
29. A primary consumer
30. A Mendelian trait (e.g., extra long second toe, attached earlobe, widows peak, etc.)
31. A non-Mendelian trait (e.g., varigated leaves on a plant)
32. Something that changes cellular communication in the human body (i.e., an over the counter drug/painkiller)
33. A carcinogen (something that can cause cancer)
34. A plant organ that performs photosynthesis
35. A substance that can bring the pH of the stomach closer to neutral (an antacid).
36. An organism with an internal skeleton (endoskeleton)
37. An organism with an external (exoskeleton)
38. A plant that does not make flowers (i.e., not an angiosperm)
39. Something that contains keratin.
40. Something that protects against mutations, especially mutations caused by ultraviolet (UV) light.
41. A food rich in lipids.
42. A food rich in protein.
43. Phase change of gaseous water to liquid water (condensation)
44. Something related to biology that you absolutely love and why.
45. Something related to biology that you absolutely hate (doesn’t have to be a selfie) and why.