**Summer Biology Scavenger Hunt Instructions**

Locate half (25) of the 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 presentation with the 25 pictures, the definition of the terms that you chose, and the date and location of the picture. Make sure the presentation is visually appealing.

1. Phospholipids (egg yolk)

2. Aquatic Ecosystem (Freshwater Lake or stream)

3. Denatured proteins (cooked meat)

4. Mixture of polar and nonpolar liquids (oil and water/separated salad dressing)

 5. Population (a group of individuals of the same species)

 6. Inheritance (genetic trait or traits passed from one generation to another)

7. Organism that performs photosynthesis 1

8. Organism that performs fermentation or a product of fermentation (careful here!)

9. Organism that performs cellular respiration

10. A simple carbohydrate (sugar or starch)

11. A complex carbohydrate (cotton / cellulose)

12. Community (different populations in the same area)

13. Ecosystem (biotic and abiotic factors together, such as a forest or desert)

14. The Biosphere (planet Earth; no selfie required!)

15. A C4 plant (corn) or a CAM plant (cactus)

16. An animal that has undergone artificial selection.

17. A plant that has undergone artificial selection.

18. An endotherm

19. An ectotherm

20. You eating the product of a fertilized angiosperm.

21. You eating/holding something with a low pH (i.e., something sour).

22. A parasite/parasitic relationship

23. A mutualistic relationship

24. A decomposer

25. Cohesion / surface tension of water

26. Evaporative cooling (some creature/person sweating)

27. A device that regulates the temperature of your house (thermostat)

28. Evidence of human impact on an ecosystem

29. Object where flowering plants sexually reproduce

30. Herbivory or predation

31. A photoautotroph

32.A chemoheterotroph

33. A primary consumer

34. A Mendelian trait (e.g., extra-long second toe, attached earlobe, widows peak, etc.)

35. A non-Mendelian trait (e.g., variegated leaves on a plant)

36. The ultimate source of all energy on Earth (hint: it’s not on Earth).

37. Something that changes cellular communication in the human body (i.e., an over-the-counter drug/painkiller)

38. A carcinogen (something that can cause cancer)

39. A plant organ that performs photosynthesis

40. A substance that can bring the pH of the stomach closer to neutral (an antacid).

41. An organism with an internal skeleton (endoskeleton)

42. An organism with an external (exoskeleton)

43. A plant that does not make flowers (i.e., not an angiosperm)

44. Something that contains keratin.

45. Something that protects against mutations, especially mutations caused by ultraviolet (UV) light.

46. A food rich in lipids.

47. A food rich in protein.

48. Phase change of gaseous water to liquid water (condensation)

49. Something related to biology that you absolutely love and why.

50. Something related to biology that you absolutely hate and why.