**5-25 Drills and discussions concerning Cells and Ecology**

1. **Name and describe 3 types of consumers.**
2. **What is a food chain?**
3. **Draw a food chain with at least 6 organisms. Be sure to label each organism (consumer, producer, herbivore, carnivore, omnivore, decomposer, primary consumer, secondary consumer, etc.)**
4. **Why is there a limit to the number of links in a food chain?**
5. **In your own words, what is the difference between a food web and a food chain?**
6. **What is the difference between Abiotic/ Biotic factors?**
7. **What must every ecosystem have access to?**
8. **What makes a species(D45)?**
9. **List the 5 levels of the environment from smallest to largest (D48).**
10. **What is the most specific level (individualized)? What level of organization do we have in this classroom? Is the water in the picture part of the ecosystem, population or community**?
11. **What is “anaerobic respiration”?**
12. **What are three products of cellular respiration?**
13. **What is “fermentation”?**

**Pop Quiz on Plants Functions - LEAVES**

1. **What three functions take place in the leaves of cells? Think chemical production, H2O and gas exchange.**
2. **What is photosynthesis?**
3. **What is a “chloroplast”?**
4. **What does chlorophyll do? Where does it get the energy to produce what it does?**
5. **What are the pores in the plant’s skin that allow the exchange of gases and water?**
6. **What are the cells called that open and close the pores?**
7. **What gas enters the leaf? Which leaves?**

**FLOWERS**

1. **What function do the colorful parts (petals) of the plants play?**
2. **The flower dies, falls off and leaves behind a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?**
3. **The name for the female part of the plant is the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?**
4. **The male part is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?**
5. **A perfect flower is called this because it has both \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?**
6. **The male part provides what for bees?**
7. Copy these terms down: producer, consumer, decomposer, energy, nutrients
8. Explain the process plants use to make food.
9. Name and describe 3 types of consumers.
10. What is a food chain?
11. Draw a food chain with at least 6 organisms. Be sure to label each organism (consumer, producer, herbivore, carnivore, omnivore, decomposer, primary consumer, secondary consumer, etc.)
12. Why is there a limit to the number of links in a food chain?
13. In your own words, what is the difference between a food web and a food chain?