Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TOPIC 9: Ecology**

*Please use the Council Rock Video Podcast to guide you*

1. Write down the levels of ecosystem organization from smallest to largest
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ make their own food, while \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ eat other organisms for food.
3. When you move up an energy pyramid, the amount of available energy (circle one) **↑ ↓**
4. What is the difference between a food chain and a food web?
5. What is the difference between abiotic and biotic factors?
6. Explain the following organisms interactions
   1. Competition
   2. Predation
   3. Symbiosis  
      1. Mutualism
      2. Commensalism
      3. Parasitism
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ species are those that are naturally found in a location, while \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ species are accidentally or purposefully introduced to a new area
8. Explain the difference between
   1. Threatened
   2. Endangered
   3. Extinct
9. What is succession?