

## TOPIC 9: Ecology

Please use the podcast from Council Rock High School for TOPIC 9 to guide you. The podcast can be found at <http://www.crsd.org/Page/31715>

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
  - a. Competition
  - b. Predation
  - c. Symbiosis
    - i. Mutualism
    - ii. Commensalism
    - iii. 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
  - a. Threatened
  - b. Endangered
  - c. Extinct
9. What is succession?