

Ecosystems Study Guide

- Given a picture, the student will be able to identify producers, consumers, and decomposers.
- Know the definitions of producers, consumers, and decomposers.
- Know the roles of producers, consumers, and decomposers.
- Know where an animal directly gets energy from in a food chain.
- Understand that all food chains and food webs begin with producers (after sunlight, of course).
- Be able to fill in missing parts of a food chain.
- Be able to look at a food web and understand the energy flow (what eats what).
- Group animals by their eating habits (carnivores, herbivores, omnivores).
- Understand what would cause populations of animals to increase or decrease (for example, if the food increases, the population will increase; if the food decreases, the population will decrease).
- Changes in habitats will change the population (insecticide added, buildings or roads built in a habitat).
- Humans can impact the ecosystem as well as other animals.(animals can eat too many producers).