

## Food Chains

### Part 1: Background/Review

A food chain is a way to describe a feeding relationship between organisms. Energy transfers from one organism to the next in a food chain. Plants and algae make their own food using energy from the sun. The sun is needed for almost every food chain on land or in water.

**Consumers:** living creatures that eat organisms from a different population

**Producers:** organisms that produce their own food

**Part 2:** Study the food chain shown below. Answer the questions.



- 1.) What organism is at the bottom of the food chain? \_\_\_\_\_
- 2.) What might happen if there is a drought (period with no rain) or a fire that destroys the grass? \_\_\_\_\_
- 3.) What might happen to the food chain if the population of grasshoppers grows at a fast rate? \_\_\_\_\_
- 4.) What organism is the main consumer of the grasshopper? \_\_\_\_\_
- 5.) What might happen if the hawks fly away to hunt in another area? \_\_\_\_\_

**Part 3: Challenge:** Draw your own food chain! Be sure to start with a plant.

