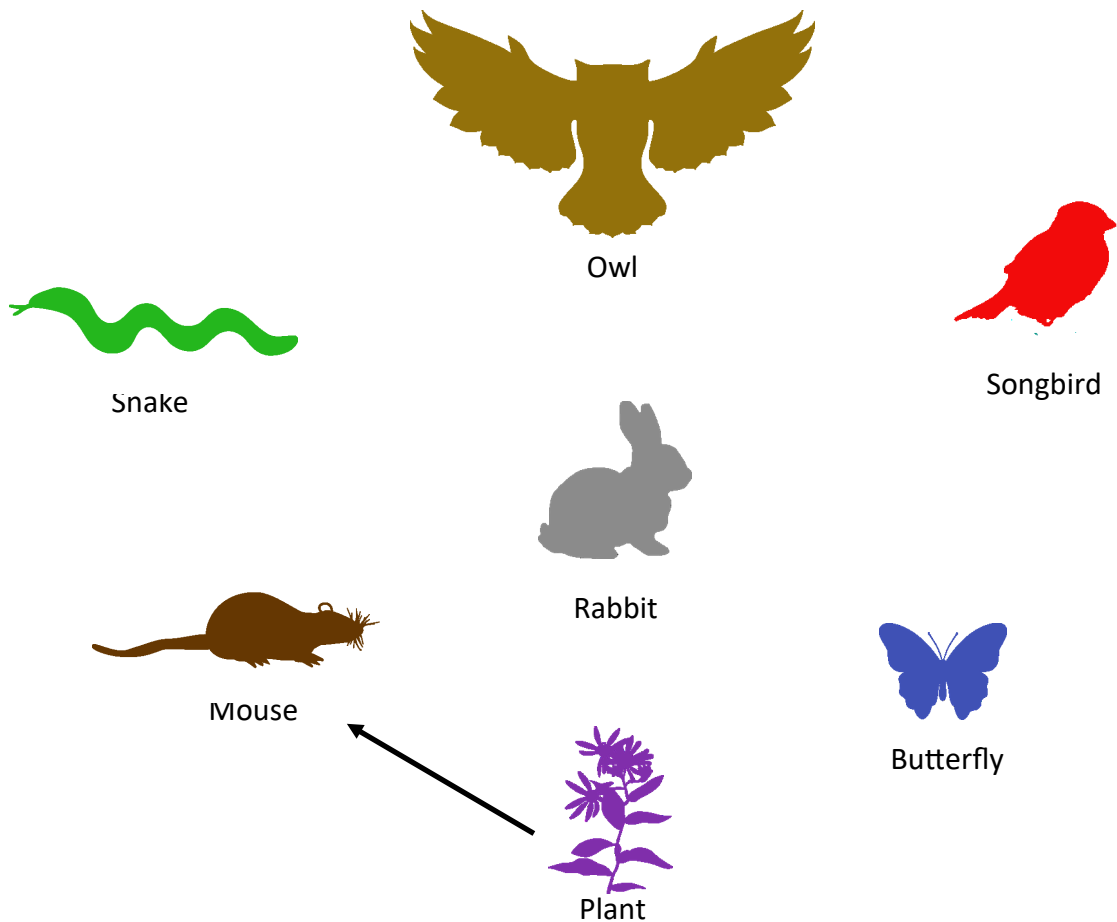


# Food Chains and Food Webs

A food chain is a chart that shows the order in which animals eat other animals or plants. A food web is a combination of food chains that shows how they all connect. Below you will find several animals that are all in the same food web. Draw arrows to connect the different plants and animals in a food web. Remember that the arrow shows the direction of energy being passed on. One arrow has already been drawn for you.

After you have finished connecting the web, answer the questions below.



What does the arrow mean in a food chain or web? \_\_\_\_\_

Name the producer in the food web \_\_\_\_\_

Name a consumer in this food web \_\_\_\_\_

Name an herbivore in the food web \_\_\_\_\_

Name an omnivore in the food web \_\_\_\_\_

Name a carnivore in the food web \_\_\_\_\_

Now that you have learned about food webs, it's your turn to create one. You will work in a group to create a food web, using owls as the top predator. Owls are nocturnal birds of prey, feasting on smaller creatures active at night.

1. In your group, brainstorm what you think an owl eats. List the animals below.

2. The owl's prey has to eat too! What do you think those creatures eat? List what they eat below.

3. If any of the creatures or plants listed above dies, what might happen to it?

4. What is the source of almost all of the earth's energy?

5. Now as a group, create a graphic organizer on your scrap paper with drawings of the above listed plants, animals, and abiotic (non-living) elements. Make sure to connect all of the elements together using arrows.

6. Once you are satisfied with your picture map, create a large version on the butcher paper. You have now created a food web!

7. Present your food web to the class. Be sure to explain how all of the organisms are connected.