

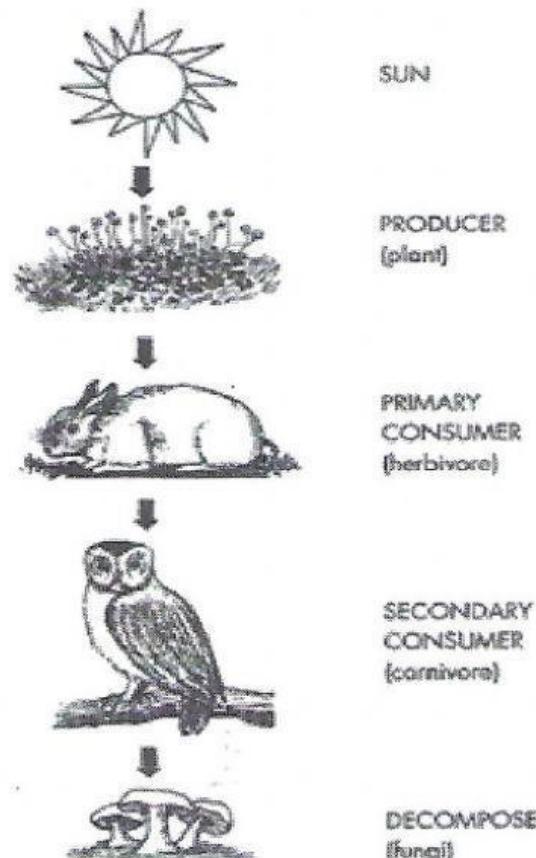
Food Chain and Web

All living things need energy to live. Living things get their energy from food. A **food chain** is the flow of food in an ecosystem from one living thing to another. A food chain also shows how energy moves through the environment. The energy that the plant gets from the sun is transferred to all of the animals in the chain, this is called **energy transformation**.

Living things in an ecosystem can be classified as **producers, consumers** and **decomposer**. **Producers** are plants; they make their own food. **Consumers** are animals; they eat other living things as food. **Decomposers** are living things such as mushrooms and earthworms; they break down dead plants and animals for food. The name for animals that eat only plants is a **herbivore**. The name for animals that eat only meat is called **carnivores**. The name for animals that eat both plants and meat is called **omnivores**.

The food chain begins with a **green plant**, the producer. It continues with an animal, the consumer that eats the green plant. A food chain may include one or more other consumers. Therefore, the energy that the plant gets from the sun is transferred to all of the animals in the chain, this is called **energy transfer**.

A **food web** is a combination of several food chains.



Date: _____.

Directions: Circle the letter for the best answer for each question.

6. The animals that other animals eat is called. [1]

8. What is the movement of energy from one place to another?

8. What is the movement of energy from one animal to the next called? [2]

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9. What are consumers? [1]

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10. What are decomposers? [1]

1.1. 预期的收入和支出——收入和支出

11. Who are producers? [1]