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Thinking cap

What kind of living things make up a food chain?

producers and consumers



Describe a food chain

A food chain shows the transfer of energy from one living thing to another in the form of food.

Give an example of a food chain.

Examples of food chains: Grass, grasshopper, frog, snake, eagle or grass, deer, tiger.

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Let's Explore!



Make a food chain

1. Work in groups.
2. Look at the stickers of the living things at the back of the book. Discuss which of them are **producers** and which are **consumers**.
3. Paste the stickers below to make a food chain.

sun



grass



rabbit



fox



lion

4. Discuss these questions:

(a) Which of these living things get their energy from light?

(b) Which of these living things get their energy from eating plants?

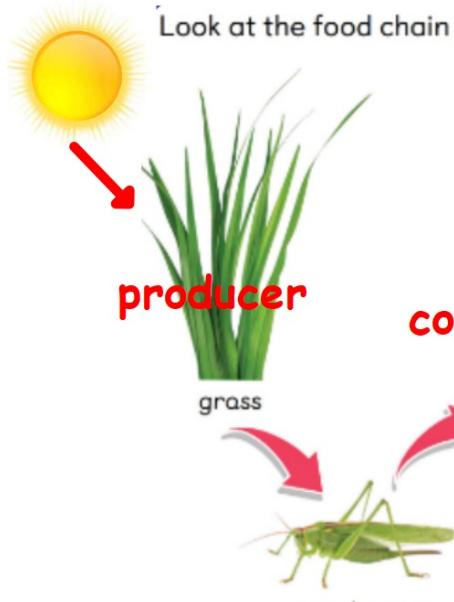
(c) Which of these living things get their energy from eating animals?

grass

rabbit

fox and lion

Look at the food chain below.



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Which is the producer in this food chain?

Which are the consumers?

grasshopper, bluebird, snake, eagle

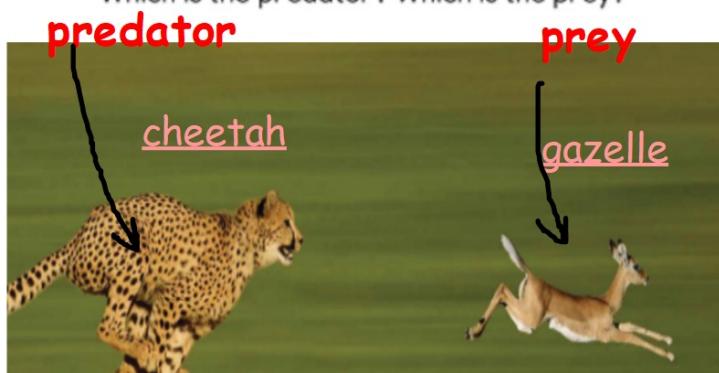
What Are Predators and Prey?

Consumers can also be classified into predators and prey.

Animals that hunt and eat other animals are known as predators.

Animals that are hunted and eaten by predators are known as prey.

Look at the picture of the cheetah and the gazelle. Which is the predator? Which is the prey?



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Identifying and classifying is one of the five main types of scientific enquiry. How do you identify if an animal is a prey or a predator?



Check Your Learning

Are humans producers or consumers? Why?



Humans are consumers because they can't make their own food. They eat plants and animals.