

Nova and Bea's Food Chain Adventure

Learning objective: To identify and describe the roles of organisms within a food chain, including producers, consumers, and predators.

Read the front of each flashcard to test your knowledge about how energy moves through nature. Flip to check your understanding of the scientific terms.

What is a Producer?

A living thing, usually a plant, that makes its own food using sunlight through photosynthesis.

What is a Consumer?

An animal that eats plants or other animals to get energy because it cannot make its own food.

What do we call an animal that only eats plants?

A herbivore.

What do we call an animal that only eats other animals?

A carnivore.

What is an Omnivore?

An animal that eats both plants and other animals.

What is a Predator?

An animal that hunts, catches, and eats other animals for food.

What is Prey?

An animal that is hunted and eaten by a predator.

What do the arrows in a food chain represent?

The direction in which energy is transferred from one organism to another.

If a rabbit eats grass, which is the producer?

The grass.

What is the primary source of energy for almost all food chains?

The Sun.

True or False: A food chain shows the flow of energy through an ecosystem.

True.

What happens to a food chain if one organism is removed?

It can disrupt the balance, causing other populations to increase or decrease because their food source or predator has changed.