

What should I already know?

I can identify and name a variety of plants and animals in their habitats, including carnivores, herbivores, and omnivores.

I can describe the basic needs of animals including humans for survival.

I know that animals and humans cannot make their own food; they get nutrition from what they eat.

Enquiry Question

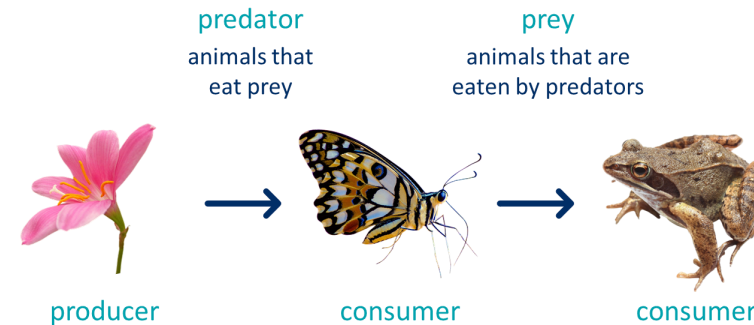
How has human activity affected food chains?

Vocabulary

Food chains	an order of living things, to show how energy is transferred when one living thing eats another
Producer	a living thing that makes its own food from the Sun
Predator	an animal that eats prey
Prey	animals that are eaten by predators
Consumer	a living thing that eats other living things
Habitat	an area where animals and plants live
Farming	the process of using land to grow crops and raise animals
Over fishing	removing fish from a habitat
Hunting	chasing and killing animals

Food chains

Energy from the **producer** is passed along the **food chain**.
Consumers can be classified as either **predator** or **prey**.



Food chains show how each living thing gets food and how nutrients are passed from producers through different consumers.

Food chains begin with plant life, and end with animal life. The arrows show the energy transfer through the food chain.

At the top of the food chain are apex predators - animals which have no natural predators that eat them.

Producers are able to make their own food - plants do this through photosynthesis.

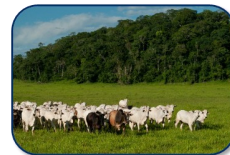
Primary consumers are animals that eat producers.

Secondary consumers are animals that eat primary consumers.

Tertiary consumers are animals that eat secondary consumers.

Each plant and animal in the food chain is affected by the others. For example, if there were fewer snails in the habitat, there may be more plants, but there would also be less frogs.

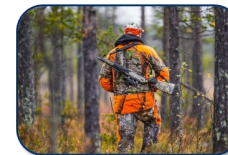
Human activity can affect food chains in different habitats.



farming
using land to grow crops and raise animals



overfishing
removing fish from a habitat



hunting
chasing and killing animals for sport or food

