



Food Chains

Year 4

Knowing More, Remembering More

Remembering previous learning

What is a habitat? A habitat is where a plant or animal lives and provides everything a plant or animal needs to survive.

What is a food chain? A food chain shows how different living things rely on each other. A food chain normally starts with plants.

Why do living things die? One reason is that they do not get enough of one of the things they need to survive.

In this unit children will:

- Construct and interpret a variety of food chains, identifying producers, predators and prey.

Working Scientifically:

- 4.8 Gather, record and classify data in a variety of ways to help in answering questions.
- 4.10 Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.
- 4.12 Use straight-forward scientific evidence to answer questions or to support their findings.

Key Learning Steps:

1. What is a food chain?
2. Interpret food chains
3. Draw food chains
4. What would happen if?

Key Vocabulary:

- food chain
- producer
- predator
- prey
- consumer
- habitat
- farming
- overfishing
- hunting

Key Scientists:

Classic

Al Jahiz (10th Century)

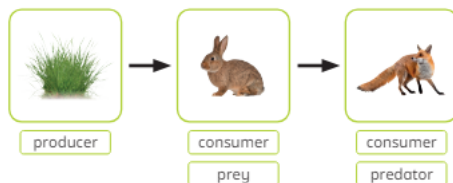
Created one of the earliest food webs.



Knowing More, Remembering More

Knowing more in Y4

What is a food chain? A food chain shows an order of living things, to show how energy is transferred when one living thing eats another.



What is a producer? Food chains begin with a producer which is usually a plant which makes its own food.

What is a consumer? A consumer eats other living things, plants or animals.

What is a predator? A predator is an animal that eats prey. A predator is at the top of a food chain.

What is prey? Prey is animals that are eaten by predators.

How does human activity affect food chains and habitats? Humans can affect food chains by farming, destroying habitats, hunting and overfishing. This could even lead to the extinction of some living things.