

Living Things and their Habitats — Year 2

Objectives

We are learning to:

- Explore and compare the differences between things that are alive, dead and that have never been alive.
- Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants and how they depend on each other,
- Identify and name a variety of different plants and animals in their habitats including micro-habitats
- Describe how animals obtain their food from plants and other animal, using the idea of a simple food chain, and identify and name different sources of food.

Working Scientifically

We can be scientists by:

- Making food chains from what we have read.

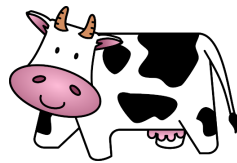
Why don't caterpillars live underground?

We will use these enquiry skills:

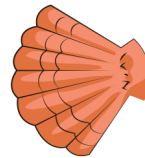
- Classifying
- Observing
- Researching

Alive or Dead?

All objects are either living, dead or have never been alive. Living things are plants and animals. Dead things include dead plants or animals or parts that are no longer attached like leaves, twigs, hair, shells and feathers. Things made from rock, metal and plastic have never been alive.



Alive



Dead

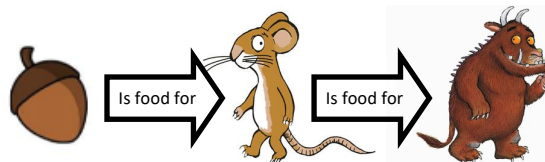


Never been alive



Food Chains

A food chain shows how energy is transferred through eating.. The arrow points to the animal that eats the previous item. So in the story of the Gruffalo, the nut is food for the mouse, but the mouse is food for the gruffalo. Here it is shown as a food chain:

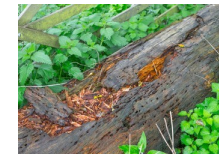


Key Vocabulary

living	A plant or animal which is alive and can feed, move and grow..
dead	A plant or animal, or part of a plant or animal,
never been	A substance like rock or plastic which has never been alive.
habitat	The type of place a plant or animal usually lives.
food chain	A diagram showing how energy is transferred through eating.
micro-	A very small habitat in which things live - for example, the bark of a tree, the leaves, etc.

Habitats

Animals live in different habitats. The habitat provides everything they need to feed, move and grow. Some habitats are big like the Arctic, some are very small like the leaves of a tree or a rotting log.



Previous Learning reminder:

Carnivores are animals that eat only meat. **Herbivores** are animals that eat only plants.

Omnivores are animals that eat both plants and meat.

Quick Check

- 1) What does a carnivore eat?
- 2) What is a habitat?
- 3) All things are either living, dead or... what?
- 4) What does the arrow of a food chain point towards?
- 5) Name three types of habitat.
- 6) Is a sheep a herbivore, carnivore or omnivore?
- 7) If something is alive, what can it do?
- 8) Has a wooden spoon ever been alive?
- 9) What is a polar bear's habitat?
- 10) Has a rock ever been alive?