



# Y2 Science – Living Things and their Habitats

## Living

- Living things have life processes
- They need food, water and air to stay alive
- They can move, grow and reproduce

## Dead

- Many non-living things have never been alive but some of them were once part of a living plant or an animal.

## Never Been Alive

- Non-living things can be things that were once living or part of a living thing.
- They do not need food, water or air.
- They cannot reproduce.

## Characteristics of All Living Things

- All living things do certain things to stay alive. These are called life processes.
- Animals, including humans, do these things.
- Plants do too, although they do them in different ways.
- All living things: breathe, feed, reproduce, get rid of waste and grow.



Some animals get their food from eating other animals. These animals are called **carnivores**.



Some animals get their food from eating plants. These animals are called **herbivores**.



Some animals get their food from eating plants and animals. These animals are called **omnivores**.

## Vocabulary

|                      |   |
|----------------------|---|
| <b>Habitat</b>       | The home of an animal or a plant  |
| <b>Micro habitat</b> | A small part of the environment that supports a habitat, such as a fallen log in a forest |
| <b>Canivore</b>      | An animal that eats meat  |
| <b>Herbivore</b>     | An animal that eats only plants   |
| <b>Omnivore</b>      | An animal that eats all kinds of food, including both meat and plants                     |
| <b>Food chain</b>    | The order in which living things depend on each other for food.                           |
| <b>Source</b>        | Where something comes from.   |

## Food Chains

- Living things are linked through their food. For example, a fox, a rabbit and a plant are linked because the rabbit eats the plant and the fox eats the rabbit.
- A food chain describes the order in which living things depend on each other for food.
- The arrows in a food chain mean 'eaten by'.

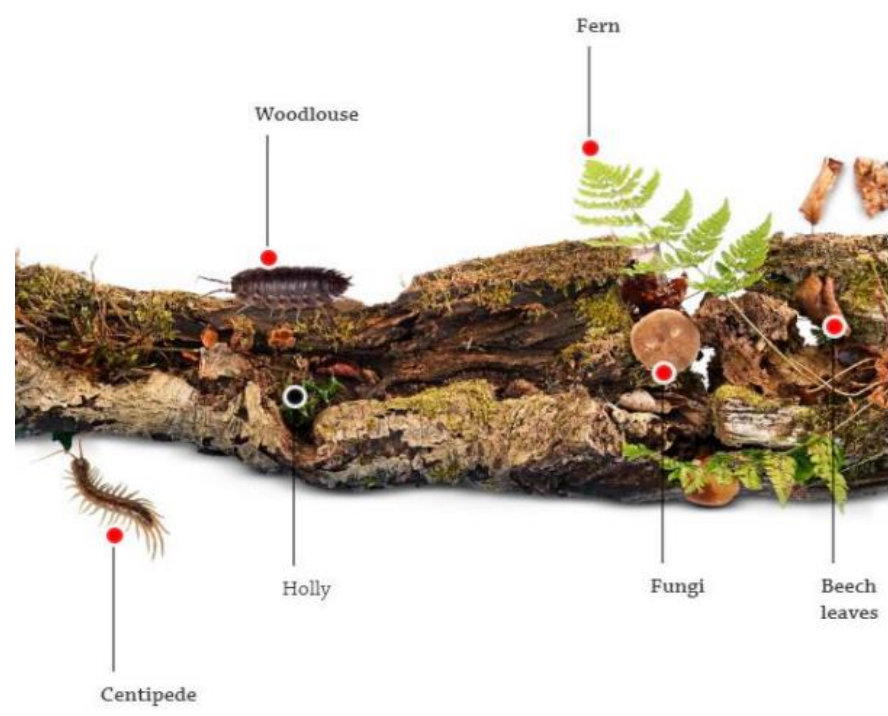




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## Habitats

- A habitat is place where livign things, such as animals and plants, can find all of the things they need to survive. This includes food, water, air, space to move and grow and some shelter.
- Some habitats are large, like the ocean, and some are very small, such as under a log.



## What is a microhabitat?

- Microhabitats are very small habitats where minbeasts may live
- Microhabitats are places like under stones, in grass, under leaves and in bug hotels.
- Minibeasts are able to survive in these habitats because they can find the things they need to survive there.
- A log of rotting wood appears to be dead but it provides shelter and food for many plants and animals.