



# Knowledge Organiser

Science | Year 2 | Topic: Living things and their habitats

## Prior Knowledge

## Knowledge and Application

Which things are living, dead and things which have never been alive.

The names of some common plants and types of trees.

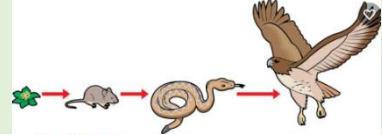
Some animals are suitable to be kept as pets, but others are not.

All animals need water, air and food to survive

Animals can be grouped into vertebrates and invertebrates

Animals can be grouped into carnivores, herbivores and omnivores

Animals, including humans, have offspring which grow into adults.



## What will I know by the end of this topic?

Living things are plants (including seeds) and animals.

Dead things include dead animals and plants and parts of plants and animals that are no longer attached e.g. leaves and twigs, shells, fur, hair and feathers.

An object made of wood is classed as dead.

Objects made of rock, metal and plastic have never been alive.

## Key Vocabulary

**Habitats**  
A habitat is a place where living things, such as animals and plants, can find all the things they need to survive. This includes food, water, air, space to move and grow and some shelter.

**Micro-habitat**  
Minibeasts that can be found there include worms, snails, ants, centipedes, millipedes, and butterflies and they help to keep the microhabitat healthy.


Minibeasts can survive in their habitats because they can find the things they need to survive there, such as food and water.

**Food Chains**  
Animals and plants depend on each other to survive. They give each other energy to survive. If there were no worms, there would be less birds as there would be more competition for food. The soil would not be as healthy without worms

life processes	These are the things that all living things do. They move, breathe, sense, grow, make babies, get rid of waste and get their energy from food.
living	Things that are living have all the life processes
dead	Things that are dead were once living. They did have all the life processes but don't now.
Never living	Things made from metal, plastic or rock were never living. They never had the life processes.
food chain	A food chain shows how each animal gets its food. Food chains are one of the ways that living things depend on each other to stay alive.
food source	This is the place living thing's food comes from.
habitat	A habitat is the natural place something lives. A habitat provides living things with everything they need to survive such as food, shelter and water.
microhabitat	A microhabitat is a very small habitat in places like under a rock, under leaves or on a branch. Minibeasts live in microhabitats. The microhabitats have everything they need to survive.
survive	to stay alive

## Famous Scientist

## Books/ Websites



Sir David Attenborough

<https://www.britannica.com/biography/David-Attenborough>



The Big Book of Beasts, *Yuval Zommer*



The Ugly Five, *Julia Donaldson*