



# Living Things and their Habitats

Year 2

## Knowing More, Remembering More

### Remembering previous learning:

- What do all animals need to survive? All animals need air, water, food and shelter to survive.
- What do plants need to grow and stay healthy? Water and light.
- What is a carnivore? A carnivore is an animal with sharp teeth and claws that eats other animals (meat).
- What is an herbivore? An herbivore is an animal with flat teeth that eats plants.
- What is an omnivore? An omnivore is an animal that eats animals and plants.
- What is an insectivore? An insectivore is an animal that feeds on insects, worms and other minibeasts.

## Statutory Requirements:

- 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 plants and animals in their habitats, including micro-habitats.
- Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.
- Explore and compare the differences between things that are living, dead, and things that have never been alive.

## Working Scientifically:

- 2.6 Observe closely, using simple equipment.
- 2.8 Gather and record data to help in answering questions.
- 2.9 Identifying and classifying.
- 2.12 Use their observations and ideas to suggest answers to questions.

## Key Learning Steps:

- Habitats in my local area
- Polar habitats
- Desert habitats
- Ocean habitats
- Woodland habitats
- Microhabitats
- Habitats and diet
- Food chains
- Living, dead, never alive?

## Key Vocabulary:

- mammal
- bird
- deciduous tree
- evergreen tree
- habitat
- carnivore
- herbivore
- arctic plants
- hibernate
- reptile
- cactus
- desert
- rainfall
- ocean
- fish
- mammal
- seagrass
- woodland
- fern
- bird
- moss
- microhabitat
- insect
- spider
- snail
- omnivore
- food chain
- diet
- living
- dead
- never alive
- plant
- animal

## Key Scientists:



### Classic

Alexander von Humboldt (1769-1859)

Naturalist who studied links between animals and habitats.



### Contemporary

Steve Backshall

English naturalist and TV presenter



### Contemporary

Kate Humble

English naturalist and TV presenter

## Knowing More, Remembering More

### Knowing more in Y2

- What is a habitat? A habitat is where a plant or animal lives and provides everything a plant or animal needs to survive.
- Where are polar habitats found? In the Arctic or Antarctica.
- What is a polar habitat like? It is extremely cold in the winter and only certain animals and plants can survive there.
- Why can polar animals survive in polar habitats? They can have layers of blubber or fat and thick fur.
- What is a desert habitat like? It is hot and only certain animals and plants can survive there.
- Why can some plants survive in desert habitats? Plants like cacti can store lots of water in their stems.
- What animals live in ocean habitats? Ocean animals include fish, mammals and reptiles.
- How do some animals use plants in ocean habitats? Some animals eat plants; others use plants for shelter or to hide from animals.
- How do some animals use plants in woodland habitats? Some animals eat plants and others use plants for shelter.
- What animals live in microhabitats? Insects, snails, worms and spiders.
- 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.