

# Year 2 Living things and their environment (Biology)



## Prior and future learning

Prior Knowledge	What's next?
<ul style="list-style-type: none"> <li>Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. (Y1 - Plants)</li> <li>Identify and describe the basic structure of a variety of common flowering plants, including trees. (Y1 - Plants)</li> <li>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. (Y1 - Animals including humans)</li> <li>Identify and name a variety of common animals that are carnivores, herbivores and omnivores. (Y1 - Animals including humans)</li> <li>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). (Y1 – Animals, including humans)</li> <li>Observe changes across the four seasons. (Y1 - Seasonal changes)</li> </ul>	<ul style="list-style-type: none"> <li>Recognise that living things can be grouped in a variety of ways. (Y4 -Living things and their habitats)</li> <li>Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment. (Y4 - Living things and their habitats)</li> <li>Recognise that environments can change and that this can sometimes pose dangers to living things. (Y4 - Living things and their habitats)</li> <li>Construct and interpret a variety of food chains, identifying producers, predators and prey. (Y4 - Animals, including humans)</li> </ul>

## Track your learning

How I will show what I have learned			
I explore and compare the differences between things that are living, dead, and things that have never been alive			
I can identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs for the animals.			
I can identify and name a variety of plants and animals in their habitats, including micro-habitats.			
I can 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.			

Key knowledge I need to understand
<ul style="list-style-type: none"> <li>I explore and compare the differences between things that are living, dead, and things that have never been alive.</li> <li>I can identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs for the animals.</li> <li>I can identify and name a variety of plants and animals in their habitats, including micro-habitats.</li> <li>I can 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.</li> </ul>

**Possible texts to read:**  
 The Gruffalo – *Julia Donaldson*  
 Meerkat Mail – *Emily Gravett*



**Scientist:** Rachel Carson (Marine biologist who discovered the negative effects of some pesticides)

**Working scientifically assessment:** Nature spotters, woodlice habitat

### Link to maths curriculum:

Statistics:

- Presenting the number of different minibeasts found in a micro-habitat (*Interpret and construct simple pictograms*).
- Recording the number of different minibeasts found in a micro-habitat. (*Interpret and construct tally charts*).
- Presenting the number of minibeasts found in a microhabitat. (*Interpret and construct block diagrams*).
- Recording the classification of objects as living, dead and never been alive (*Interpret and construct simple tables*).

### Vocabulary

biomes	a natural area of <b>vegetation</b> and animals
carnivore	an animal that eats meat
depend	If you depend on someone or something, you need them in order to be able to survive physically
food chain	a series of living things which are linked to each other because each thing feeds on the one next to it in the series
habitat	the natural environment in which an animal or <b>plant</b> normally lives or grows
herbivore	an animal that only eats plants
invertebrate	a creature that does not have a spine, for example an insect, a worm, or an octopus
microhabitat	a small part of the environment that supports a habitat, such as a fallen log in a forest
minibeast	a small <b>invertebrate</b> animal such as an insect or spider
offspring	a person's children or an animal's young
omnivore	person or animal eats all kinds of food, including both meat and <b>plants</b>
plant	a living thing that grows in the earth and has a stem, leaves, and roots
source	where something comes from
tree	a tall plant that has a hard trunk, branches, and leaves
vegetation	<b>plants</b> , trees and flowers