



Yr 4 - Autumn 2 - Science Knowledge Organiser: Living Things & their Habitats

What I already know...

- The names of some of the parts of a plant.
- What plants need to live and grow.
- The names of some common animals including: fish, amphibians, reptiles, birds and mammals.
- That some animals are herbivores, some are carnivores and some are omnivores.

What I will learn...

- that animals can be separated into vertebrates and invertebrates.
- To know the five vertebrate groups (fish, amphibians, reptiles, birds and mammals) and their key features.
- To know what a habitat is and which animals would live there.
- To know examples of flowering and non-flowering plants.
- How to draw scientific drawings and labelled

Key Vocabulary

Vertebrate	Animal with a backbone
Invertebrate	Animal without a backbone
Mammal	Animal with hair or fur that gives birth to live young.
Reptile	Cold-blooded, vertebrate with dry scaly skin that lays eggs.
Amphibian	Cold-blooded vertebrate with smooth slimy skin which lays eggs in water.
Fish	Vertebrate that lays eggs and has gills.
Bird	Vertebrate with wings, feathers and lays eggs.
ectotherm	An animal that is cold-blooded
Cold-blooded	Describes an animal whose body temperature varies depending upon its
Warm-blooded	Describes an animal which has a constant body temperature.



Making a difference at The Merton and beyond

Learning about the world and the animals that live within it, helps children to develop a love of nature and an understanding of why it is important to look after our environment and protect animals.

We will look at how scientist categorise animals and how this helps us to understand them We will also look at some of the stranger animals in the world who do not quite fit into these categories.

How to be a Scientist

Draw scientific drawings and label accurately

Understand what a habitat is and the different groups.

Recognize living things can be grouped in different ways

Recognize that environments can change and that this can sometimes pose dangers.