



Year 2 - Summer - Science Knowledge Organiser

What I already know...

In Year 1 the children made food chains. They learnt about diet and used this knowledge to identify which animals are herbivores, carnivores or omnivores. The children found out about litter pollution on beaches and how it can harm and kill animals.

What I will learn...

Living Things and Their Habitats

- Explore and compare the differences between things that are living, dead, and things that have never been alive
- 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.

Food chains. The arrows mean 'is eaten by'.



Key Vocabulary

Life processes	There are 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 know.
Never living	Things made out of 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 sources	This the place a 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.



Making a difference at The Merton and beyond

We kick off our Summer term with exploring our own school micro habitats and observing the animals or insects we may find. We will learn about habitats in the world and the plants and animals that live there. Children will learn to tell the difference between things that are living, dead and things that have never been alive, and apply this in a range of contexts.

How to be a zoologist...

- Identify a variety of plants and animals in their habitats,
- Using the idea of a simple food chain, and identify and name different sources of food.
- Describe how different habitats provide for the basic needs of different kinds of animals and plants
- Compare the differences between things that are living, dead, and things that have never been alive