



Year 2



Statutory Requirements:

- 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

Working Scientifically:

- Asking simple questions and recognising that they can be answered in different ways
- Observing closely, using simple equipment
- Performing simple tests
- Identifying and classifying
- Using their observations and ideas to suggest answers to questions
- Gathering and recording data to help in answering questions

Key Knowledge:

Ecosystems

Ecosystems can be any size; from a tree to the whole world.

The ecosystem consists of non-living areas called the habitat, the place where organisms live, and living things called the community. Within this community are populations of species. They require space, shelter, food and water.

Food-chains

Primary Producer: A plant which creates energy from the sun

Primary consumer: A slug which eats the primary producer (the plant).

Secondary consumer: Eats the primary consumer, for example a bird will eat the slug.

Key Vocabulary:

- Habitat, micro habitat
- Pond, meadow, log pile, woodland, river, lake, beach, cliff
- Organism – plant, animal
- Trees - deciduous, evergreen, ash, birch, beech, rowan, sycamore, fir, pine, holly
- Wild flowering plants - daisy, dandelion
- Garden plants – daffodil, bluebells, lily
- Parts of plants – roots, branch, trunk, stalk, leaf, flower, petal, seeds, bulbs and twigs
- Invertebrates – snail, slug, woodlouse, spider, beetle, fly
- Pond animals – pond skater, ramshorn snail, pond snail, leech, common frog, smooth newt
- water, light, heat, temperature

Key Scientists:



Kate Humble (1968 -) Steve Backshall (1973 -)
English naturalists and TV presenters.