



Science Y2 Overview

Working Scientifically



During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- I can ask simple questions and recognising that they can be answered in different ways.
- I can observe closely, using simple equipment.
- I can perform simple tests.
- I can identify and classify.
- I can use observations and ideas to suggest answers to questions.
- I can gather and record data to help in answering questions.

Autumn 1: Healthy Me (Animals including Humans)

- I can notice that animals, including humans, have offspring which grow into adults.
- I can find out about and describe the basic needs of animals, including humans, for survival (water, food and air).
- I can describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

Autumn 2: Little Masterchefs

- I can describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.
- I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.

Spring 1: Material Monsters (Everyday Materials)

- I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard.



Science Y2 Overview

Spring Term 2: Squash, Bend, Twist and Stretch (Everday Materials)

- I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Summer 1: Mini Worlds: Our Local Environment (Living Things and their Habitats)

- I can 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 of different kinds of animals and plants, and how they depend on each other.
- I can 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.

Summer 2: Young Gardeners (Plants)

- I can observe and describe how seeds and bulbs grow into mature plants.
- I can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.