

# Science

## Year 2



**Subject Aims:**

By the end of KS2, children will:

- Have developed their enquiry skills to plan, control, collect data and analyse their findings
- Understand that the world is connected by using scientific knowledge to build on prior knowledge
- Have a love for science and curiosity for learning
- Feel confident in questioning the world, existing theories and processes in the life around them

### National Curriculum Links

Pupils should be taught about:

**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 microhabitats
- 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

**Plants**

- Observe and describe how seeds and bulbs grow into mature plants
- Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy

**Animals, including humans**

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

**Uses of everyday materials**

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

#### Term

Autumn 1



Autumn 2



Spring 1



Spring 2



Summer 1



Summer 2



Science Week Content

*inspireenjoyachieve*



Life Education Bus



Woodland Workshop