

## Year 1 Science Long Term Plan

Throughout the Year, the children will have the opportunity to carry out a range of experiments and investigations linked to the KS1 Topics or Science area. This will also include having visits from external organisations with a Science focus.

<b>Working Scientifically</b>
Ask simple questions and understand that they can be answered in different ways.
Observe closely, using simple equipment (like magnifying glasses).
Perform simple tests (to find things out).
Use my observations and ideas to suggest answers to questions.
Gather and record data (information) to help in answering questions.

### Autumn Term

<b>Animals including humans</b>
Identify and classify (sort) living and non- living things.
Identify and name lots of common animals including fish, amphibians, reptiles, birds and mammals.
Identify and name lots of common animals that are carnivores, herbivores and omnivores.
Describe and compare lots of common animals (fish, amphibians, reptiles, birds and mammals, including pets) by how they look and how they move.
Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

### Spring Term

<b>Everyday Materials</b>
Understand the difference between an object and the material from which it is made.
Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
Describe the simple physical properties of a variety of everyday materials.
Compare and group together a variety of everyday materials on the basis of their simple physical properties.

### Summer Term

<b>Plants</b>
Identify and name a variety of common plants, including garden plants, wild plants and trees, and those classified as deciduous and evergreen.
Describe the basic structure of a variety of common plants including roots, stem, leaves and flowers; including trees.
<b>Seasonal Changes</b>
Observe changes across the four seasons.
Observe and describe the weather within the seasons and how the length of the days changes.