



KS1 Scientists



Over Key Stage One (KS1), in science, the children will:

Use different types of scientific enquiry to answer their own questions.

Observe changes over a period of time, noticing patterns, grouping and classifying objects.

Carry out simple comparative tests and to find out things using secondary sources of information.

Evaluate by communicating what I did, how I did it and what did I find out.

By the end of KS1 a child who is attaining typically will be able to:

Work in a scientific way performing small experiments.

Ask and recognise simple questions and understand they can be answered in different ways.

Living things and their habitats- Explore and compare living, dead and things that have never been alive. Explore habitats and micro habitats and what lives within them, how they are suited and adapted to survive. Identify a variety of plants and animals how they obtain their food and look at simple food chain.

Plants and seasonal changes- Identify a variety of wild and garden plants including deciduous and ever green trees. Observe, describe, and record how a plant develops from seed or a bulb. Investigate what a plant needs to survive and stay healthy. Observe the weather and the changes across the four seasons.

Animals and Humans- Identify, observe, describe and label a range of animals and their structure. Identify and label the human body. Explore their survival and investigate their basic needs. Identify and compare animals' carnivores, herbivores and omnivores.

Uses of everyday materials- Distinguish between an object and a material. Explore and identify properties and suitability of everyday materials including, plastic, wood, glass, brick, paper, cardboard.

By the end of KS1 a child attaining typically will be able to understand and use the following

observe vocabulary:
carnivores
herbivores
Micro habitat
adapted
survival
deciduous
explore
secondary
omnivore
compare