

# Science

## EYFS Understanding the World

EYFS

Differences between materials and changes they notice

Explore different forces they can feel

Understand the need to care and respect the environment and living things

Understand key features of life cycles

Plant seeds and care for growing plants

Understand the effect of changing seasons on the natural world

Describe what they see, hear and feel whilst outside

Explore the natural world around them

KS1



## Research using secondary resources

How can we identify different animals?

What can my body do?

What do our bodies need to grow?

Super scientists

How do our seasons change?

How can we use materials around us?

What can we do with materials?

What is a habitat?

How does your garden grow?

What will help my garden grow?

LKS2



## Pattern seeking

Health and movement

Light and shadow

Forces and magnets



## Observing over time

Sound

Food chains

Teeth and digestion

Electricity

Habitats

Rocks, fossils and soils

How plants grow

Bones and muscles (animals including humans)

States of matter

UKS2



## Comparative and fair testing

Earth and Space

Healthy bodies

Organ systems

Forces

Life cycles

Super scientists

Properties of materials

Changes in materials

Adaptation and evolution

Classification

Electricity

Light



## Identifying, classifying and grouping

In EYFS, Science is embedded throughout the year using real life experiences. In KS1 and 2, they follow the Plan Bee scheme and adapt where necessary, provoking challenging questions about scientific knowledge.

Science provides the foundation for understanding the world around us. It can not only teach pupils about the world they live in, but also how to study it and make sense of various phenomena. Science provides a methodology for explaining, making predictions about and analysing natural phenomenon. As such, it is a fundamental aspect of all children's learning.

