

Science

The scientific and technological age we live in is an ever changing and exciting one. One in which children need to be prepared to use both investigative and knowledge based skills.

The skills are taught through the National Curriculum and fall into four categories:

Scientific Enquiry

- Ideas and evidence
- Investigative skills

Life Processes and Living Things

- Life process
- Humans and other animals
- Green plants
- Variation and classification
- Living things in the environment -

Materials and their Properties

- Grouping materials
- Changing materials
- Separating mixtures of materials (KS2)

Physical Processes

- Electricity
- Forces and motion
- Light and sound
- The Earth and beyond (KS2)

Through our work in Science, we aim to instil a sense of awe, wonder, enthusiasm and curiosity about the world around us; to question how things work and be intrigued by natural phenomena.

Every area of Science is rooted in enquiry and practical work. We encourage children to predict, observe, collaborate, interpret, communicate and question with increased use of accurate measuring and recording. Our topics are linked to everyday life in order to give children a real feel of how Science is continually at work around us.

In the Early Years, the teaching of science is within the Understanding of the World area of Learning of the Early Year's Foundation Stage. Teachers meet children's needs by providing activities and experiences based on past experiences, current interests and events.

Across all Key Stages, we aim to provide children with an enjoyable experience of science, so that they will develop a deep and lasting interest in the subject.