

Science Statement of Intent

"I believe there are no questions that science can't answer about a physical universe."

Stephen Hawking

Our intention when planning and delivering the science curriculum is to foster and develop our pupils' curiosity in the subject, whilst also helping them to fulfil their potential. We aim to prepare our pupils for life in an increasingly scientific and technological world. We intend learning in science to be through systematic investigations of the physical, chemical and biological aspects of their lives that rely mainly on first-hand experience, leading them to be equipped to answer scientific questions about the world around them. It is our intention, through investigative science, we will continue to deepen their respect for the natural world and all its phenomena, and increase their care and appreciation.

Science Curriculum Overview

	Autumn	Spring	Summer
Year 1	→ Animals, including humans → Seasons	→ Materials	→ Plants → Seasons
Year 2	→ Materials → Seasons	→ Living things and their habitats → Animals, including humans → Seasons	→ Living things and their habitats → Plants → Seasons
Year 3	→ Rocks → Forces and magnets	→ Plants → Animals, including humans	→ Light
Year 4	→ Animals, including humans → States of matter	→ Sound → Electricity	→ Living things and their habitats
Year 5	→ Properties and changes of materials → Earth and space	→ Forces	→ Living things and their habitats
Year 6	→ Light → Electricity	→ Living things and their habitats → Animals, including humans	→ Evolution and inheritance