

## SCIENCE

*Our science curriculum aims to provide children with a secure knowledge and understanding of major topics in biology, chemistry and physics. This will, we hope, help them to make sense of the world around them and excite their intellectual curiosity. At the same time, our children develop an understanding of how scientific advances are made, appreciating the crucial role of observations and evidence in the scientific method, both through carrying out their own enquiries and through learning about the contributions made by a range of different scientists. We prioritise children's ability to articulate their knowledge precisely and concisely, using appropriate subject-specific terminology.*

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
Year 1	Space Seasons	Everyday materials	The human body and senses	Living and non-living things	Animals	Plants
Year 2	Materials	Living things	Animals	Plants		Our environment
Year 3	The three states of matter and particle theory	Classification of plants and life cycles	Classification of invertebrates and life cycles	Classification of vertebrates and life cycles	Forces, including weight, gravity and magnetic forces	Light and sound
Year 4	Atoms, molecules, elements and compounds	The parts of a plant Photosynthesis and plant reproduction	Ecology, especially feeding relationships	Organ systems in the human body	Celestial objects Exploring space	Electrical safety Static and current electricity
Year 5	Life processes, cells and classification  Plants	Organ systems in the human body	Forces, including weight, friction and support forces	Light and sound	Elements and compounds  Chemical changes and their uses	Physical changes and their uses  Separating mixtures
Year 6	Static and current electricity  Series and parallel circuits	Organisms and plants  Photosynthesis and germination	The human body	Adaptation and evolution  Speciation		The Solar System and celestial objects, especially the planets

