

Science Curriculum Long Term Plan

	Autumn	Spring	Summer
Nursery	<p>I can tell you about features of objects in my environment</p> <p>I can tell you about the world we live in.</p>	<p>I can tell you about the natural world.</p> <p>I can show care and concern for living things.</p>	<p>I can tell you how plants change.</p>
Reception	<p>I can ask and answer questions about my own environment and different environments around the world.</p> <p>I can talk about similarities and differences.</p>	<p>I can tell you about changes over time in the world around us.</p> <p>I can tell you about animals that live in different parts of the world.</p>	<p>I can tell you about the properties of some materials</p>
Year 1	<p><u>Animals</u></p> <p>I can tell you how I group animals</p> <p>I can tell you how to label the human body and compare the structures of different animals.</p>	<p><u>Materials and their Properties</u></p> <p>I can tell you how I compare and group everyday materials.</p>	<p><u>Structure of Plants</u></p> <p>I can tell you about different plants and trees.</p>
Ongoing	<p><u>Seasonal Changes</u></p> <p>I can tell you about seasonal changes</p>		
Year 2	<p><u>Animal</u></p> <p>I can tell you about the basic needs of animals, including humans, for survival.</p>	<p><u>Using and Changing Materials</u></p> <p>I can tell you why different materials are chosen for different purposes and designs.</p> <p>I can tell you how materials can be changed by squashing, bending twisting and stretching.</p>	<p><u>Living Things and their Habitats.</u></p> <p>I can tell you how to recognise living, non-living and dead things.</p> <p>I can tell you about living things and their habitats.</p>

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		<p><u>Plant Growth</u> I can tell you how to grow plants and keep them healthy.</p>	
Year 3	<p><u>Light</u> I can tell you how light is reflected and how shadows are made.</p> <p><u>Forces and Magnets</u> I can tell you about forces in action, including magnetism.</p>	<p><u>Animals including humans</u> I can tell you how animals including humans, feed and move.</p>	<p><u>Plants</u> I can tell you about the function of different parts of flowering plants. I can tell you about different species of plants and their different requirements for healthy growth.</p> <p><u>Rocks</u> I can tell you about rocks and soils, including how they are formed.</p>
Year 4	<p><u>States of Matter</u> I can tell you about the effect of temperature on solids, liquids and gases.</p> <p><u>Sound</u> I can tell you how sound travels.</p>	<p><u>Electricity</u> I can tell you how electricity travels.</p>	<p><u>Living things and their habitats</u> I can tell you how to classify living things.</p> <p><u>Animals including humans</u> I can tell you how the environment affects different animals.</p>
Year 5	<p><u>Properties and changes of materials</u> I can tell you about reversible and irreversible changes in materials. I can tell you how to separate materials.</p>	<p><u>Forces and magnets</u> I can tell you about the effects of forces in the world around us.</p> <p><u>Animals including humans</u> I can tell you how we change as we get older.</p>	<p><u>Living things</u> I can tell you how different living things reproduce.</p>

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	<p><u>Earth and Space</u> I can tell you about the movements of the moon; the movements of the Earth and other planets, in relation to the Sun.</p>		
Year 6	<p><u>Animals including humans</u> I can tell you how to ensure our bodies function well.</p> <p><u>Electricity</u> I can tell you how circuits can be represented and changed.</p>	<p><u>Light</u> I can tell you how we see light.</p> <p><u>Evolution and inheritance</u> I can tell you how living things evolve.</p>	<p><u>Living things</u> I can tell you how living things are classified.</p>