

Science Curriculum Overview

Nursery	<p>In Nursery, children will:</p> <ul style="list-style-type: none"> • Use all their senses in hands-on exploration of natural materials. • Talk about what they see, using a wide vocabulary • Talk about how things grow and change and why we need to take care of the natural environment • 			
Reception	<p>In Reception, children will:</p> <ul style="list-style-type: none"> • Explore the natural world around them • Describe what they see, hear and feel whilst outside. <p>By the end of Reception, children are assessed against the Early Learning Goal: The Natural World Children at the expected level of development will: -</p> <ul style="list-style-type: none"> • Explore the natural world around them, making observations and drawing pictures of animals and plants; • Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 			
Year 1	Seasonal Changes <i>Biology</i>			
	Animals including Humans <i>Biology</i>	Everyday Materials <i>Chemistry</i>	Plants <i>Biology</i>	
Year 2	Everyday Materials <i>Chemistry</i>	Light <i>Physics</i>	Animals including Humans <i>Biology</i>	Living Things and their Habitats <i>Biology</i>
Year 3	Rocks <i>Chemistry</i>	Animals including Humans <i>Biology</i>	Forces and Magnets <i>Physics</i>	Plants <i>Biology</i>
Year 4	Animals including Humans <i>Biology</i>	Electricity <i>Physics</i>	States of Matter <i>Chemistry</i>	Sound <i>Physics</i>
Year 5	Properties and Changes of Materials <i>Chemistry</i>	Forces <i>Physics</i>	Earth and Space <i>Physics</i>	Living things and their Habitats <i>Biology</i>
Year 6	Animals including Humans <i>Biology</i>	Light <i>Physics</i>	Evolution and Inheritance <i>Biology</i>	Living things and their Habitats <i>Biology</i>