



St Charles RC Primary School

Science Curriculum Map

2024-2025



Term	Nursery	Reception	Year 1	Year 2	Year 3 Including 3/4	Year 4	Year 5	Year 6
Autumn	<p>In Nursery, Science is covered through the following curriculum questions.</p> <p>Who am I and who are my friends?</p> <p>Why are the leaves turning orange?</p> <p>What happens when it gets cold? weather and seasons</p>	<p>In Reception, Science is covered through the following curriculum questions.</p> <p>Who am I? myself, my body and keeping healthy</p> <p>What happens when it gets cold? day and night,</p>	<p>Seasonal Changes</p> <p>Everyday materials (describing properties)</p>	<p>Animals including Humans</p> <p>(needs for survival, food and hygiene)</p>	Termly Science Skills Focus: Planning Investigations			
					<p>Animals including humans (nutrition, skeleton and muscle)</p> <p>Rocks (fossils & soils)</p>	<p>Animals including humans (digestive system in humans, food chains and identifying producers, predators and prey)</p> <p>Electricity (simple circuits, insulators and conductors)</p>	<p>Animals including Humans (human development from birth to old age)</p> <p>Forces (gravity, air resistance, water resistance, friction)</p>	<p>Animals including Humans (circulatory system, diet and exercise, healthy living)</p> <p>Electricity (voltage and power in circuits, circuit components, symbols and diagrams)</p>
Spring	<p>Who lives in this house?</p> <p>What happens when I plant a seed? growing</p> <p>Baby Animals (basic habitats, life cycle of a butterfly, ducklings)</p>	<p>Where on Earth am I? My world</p> <p>What happens when I plant a seed? Plants growing</p> <p>Life cycle of a duck caring for living things</p>	<p>Animals (comparing animals)</p> <p>Humans (parts of the human body)</p>	<p>Uses of everyday materials</p> <p>(explore and compare materials for uses)</p>	Termly Science Skills Focus: Data Gathering			
					<p>Rocks contd</p> <p>Forces and Magnets (magnetic materials, attracting and repelling)</p>	<p>States of matter (solids, liquids and gases)</p>	<p>Properties and Changes of Materials (dissolving, separating materials, reversible and irreversible changes)</p>	<p>Light (how it travels, how we see, shadows)</p> <p>Living things and their habitats (Classifying animals, plants and microorganisms)</p>
	<p>Who will help bear? (Doctors, vets)</p>	<p>What happens next? what is an experiment</p>	<p>Plants</p>	<p>Plants (what plants need to)</p>	Termly Science Skills Focus: Evaluation of Investigations			

<p>Summer</p>	<p>Water water everywhere! (Floating and sinking Boats and bridges Ice and water sea animals)</p>	<p>?</p> <p>Predicting</p>	<p>(structure)</p> <p>Seasonal Changes Review</p>	<p>grow)</p> <p>Living things and their habitats (explore a variety of habitats, simple food chains)</p>	<p>Plants (life cycles)</p> <p>Light (reflection and shadows)</p>	<p>Living things & their habitats (classification keys)</p> <p>Sound (vibration, pitch and volume)</p>	<p>Earth and Space (Earth, Sun and Moon, the Solar System)</p> <p>Living things and their habitats (life cycles and reproduction in humans and plants)</p>	<p>Evolution and Inheritance (evolution, adaptation and fossils)</p>
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