



Brindle St Joseph's Catholic Primary School



Science Units & Enquiry Overview 2024-2025

Observing Over Time Comparative & Fair Test Grouping & Classifying Researching Pattern Seeking

2024-2025 (Cycle B)

	Autumn One	Autumn Two	Spring One	Spring Two	Summer One	Summer Two
Rec & Year 1	Humans (Y1)	Forces (EYFS)		Earth and Space (EYFS)		Animals Including Humans (Y1)
Scientific Enquiry Focus	<p>What do people look like? What do we have in common?</p> <p>How can we keep our body (and teeth) healthy?</p>	<p>Do all objects float/sink?</p> <p>Do all balls bounce the same?</p>		<p>Research and learn about the role of an astronaut.</p> <p>Are all the planets the same?</p>		<p>Sort animals based on where they live.</p> <p>Look for minibeasts and plants in different areas of the school grounds/ local area.</p>
Ongoing theme throughout the year in EYFS & Y1	<p>Seasonal Change</p> <p>How does our local area change with the seasons?</p>					
2, 3 & 4	<p>How does our local area change with each of the seasons?</p>	<p>Humans & Animals (Y2)</p> <p>How do humans change overtime?</p>	<p>Living Things & Their Habitats (Y2)</p> <p>Research into animals' diets to create simple food chains.</p>	<p>Living Things & Their Habitats (Y4)</p> <p>Using and making simple guides or keys to explore and identify plants and animals.</p> <p>Keys</p>	<p>Plants (Y2)</p> <p>Observe coloured water travelling up plants stem.</p> <p>Labelled Diagrams</p>	<p>Teeth & Digestive System (Y4)</p> <p>Research food chains based on different areas in the world.</p>
	<p>Properties & Changes of Materials</p>		<p>Forces</p>		<p>Earth & Space</p> <p>Group planets based on their</p>	



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	<p>Investigate dissolving of salt/sugar. Patterns in time taken to dissolve with different temperatures/ different sizes of sugar/ stirring or not stirring.</p>		<p>Designing and making a variety of parachutes and carrying out fair tests to determine which designs are the most effective</p>		<p>size/ atmosphere/ orbit time/ rotational period etc. Modelling proven theories. Labelled scientific diagrams</p>	
5 & 6	<p>Living Things and their Habitats Y6</p>	<p>Evolution & Inheritance Y6</p>	<p>Electricity Y6</p>	<p>Light Y6</p>	<p>Animals - Exercise, Health and the Circulatory System Y6</p>	
<p>Scientific Enquiry Focus & Enquiry Question</p>	<p>Use classification systems and keys to identify some animals and plants in the immediate environment Classification Keys</p>	<p>Research into palaeontologists such as Mary Anning. Look at how Charles Darwin and Alfred Wallace developed their ideas on evolution. Research into the proof of evolution.</p>	<p>Does the number of cells affect the brightness of a bulb in the circuit? Data Logger</p>	<p>Investigating shadows of objects being the same shape as the objects.</p>	<p>How does your pulse rate change after different types of exercise? Line Graph</p>	