



## Science Curriculum Map 2024-25

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 3</b>	<p style="text-align: center;"><b>Food and our bodies</b> (Animals, including humans)</p> <p><b>Scientific Enquiry: Pattern Seeking-</b> Do male humans have larger skulls than female humans do?</p>	<p><b>Opposites Attract</b> (Forces and magnets)</p> <p><b>Scientific Enquiry: Identifying and classifying-</b> What materials are magnetic?</p> <p><b>Scientific Enquiry: Researching-</b> Who is Mary Anning? (Christmas Homework)</p>	<p><b>Earth Rocks</b> (Rocks)</p> <p><b>Scientific Enquiry: Fair Testing-</b> How does adding different amounts of sand to soil affect how quickly water drains through it?</p>		<p><b>How does my garden grow?</b> (Plants)</p> <p><b>Scientific Enquiry: Observing over time-</b> What happens to celery when we leave it in coloured water?</p>	<p><b>Mirror Mirror</b> (Light)</p> <p><b>Scientific Enquiry: Comparative Testing-</b> Which pair of sunglasses will best protect our eyes?</p>
<b>Year 4</b>	<p style="text-align: center;"><b>Teeth and Eating</b> (Animals, including humans)</p> <p><b>Scientific Enquiry: Observing over time-</b> How does food and drink affect my teeth?</p>	<p><b>Power it up!</b> (Electricity)</p> <p><b>Scientific Enquiry: Fair Testing-</b> Does the number of conductors within a series circuit affect the flow of electricity?</p>	<p><b>Living things</b> (Living things and their habitats)</p> <p><b>Scientific Enquiry: Identifying and Classifying-</b> What type of animals do we have in our local forest school?</p> <p><b>Scientific Enquiry: Researching-</b> Where does water go? (Easter Homework)</p>		<p><b>Looking at states</b> (States of matter)</p> <p><b>Scientific Enquiry: Comparative Testing-</b> How does the location of water affect how long it takes water to evaporate?</p>	<p><b>What's that sound?</b> (Sound)</p> <p><b>Scientific Enquiry: Pattern Seeking-</b> How does distance affect the volume of sound?</p>

<p><b>Year 5</b></p>	<p><b>Let's get moving</b> (Forces)</p> <p><b>Scientific Enquiry: Pattern Seeking-</b> How does the surface affect the distance travelled by a toy car?</p> <p><b>Scientific Enquiry: Researching-</b> What does our solar system look like? (Christmas homework)</p>		<p><b>Out of this world</b> (Earth and Space)</p> <p><b>Scientific Enquiry: Observing over time-</b> Does a sundial show the movement of the Earth?</p>	<p><b>Material World</b> (Properties and changes of materials)</p> <p><b>Scientific Enquiry: Comparative Testing-</b> What materials are good thermal insulators?</p> <p><b>Scientific Enquiry: Fair Testing-</b> How does temperature affect the rate of sugar dissolving?</p>	<p><b>Circle of life</b> (Living things and their habitats)</p> <p><b>Scientific Enquiry: Identifying and classifying -</b> Can you identify all the stages in the life cycle of a butterfly?</p> <p><b>Growing pains</b> (Animals, including humans)</p>
<p><b>Year 6</b></p>	<p><b>Classifying critters</b> (Living things and their habitats)</p> <p><b>Scientific Enquiry: Identifying and Classifying-</b> How can we sort different types of leaves?</p>	<p><b>Staying alive</b> (Animals, including humans)</p> <p><b>Scientific Enquiry: Comparative Testing-</b> How do different exercises affect heart rate?</p>	<p><b>Let it shine</b> (Light)</p> <p><b>Scientific Enquiry: Observing over time-</b> How does a shadow change when the light source moves?</p>	<p><b>Electrifying</b> (Electricity)</p> <p><b>Scientific Enquiry: Fair Testing-</b> Does the number of batteries affect the brightness of the bulb?</p>	<p><b>We're evolving</b> (Evolution and inheritance)</p> <p><b>Scientific Enquiry: Pattern Seeking</b> Which shaped beak is the best for eating insects?</p> <p><b>Scientific Enquiry: Researching-</b> How has an animal of your choice adapted to its environment? (May half-term homework)</p>