



# Science Curriculum Map

2023-2024

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<p><b>Plants</b></p> <p><i>Can you describe the different kinds of plants and identify those which we have on our school grounds?</i></p>	<p><b>Seasonal Changes – Autumn and Winter</b></p> <p><i>How do the seasons affect living things?</i></p>	<p><b>Animals including Humans</b></p> <p><i>Can you name the 5 senses and give examples of what they do?</i></p>		<p><b>Seasonal Changes – Spring</b></p> <p><i>How do the seasons affect living things?</i></p> <p><b>Everyday Materials</b></p> <p><i>Name some everyday materials and identify some characteristics of them?</i></p>	<p><b>Everyday Materials</b></p> <p><i>Continued.</i></p> <p><b>Seasonal Changes – Summer</b></p> <p><i>How do the seasons affect living things?</i></p>
Year 2	<p><b>Animals and Survival</b></p> <p><i>How do the basic needs of humans help them to survive?</i></p>	<p><b>Everyday Materials</b></p> <p><i>Why are straws made from a variety of materials? (plastic, paper, metal, bamboo)</i></p>		<p><b>Living Things and their Habitats</b></p> <p><i>How do we know that a habitat provides all living things with what they require?</i></p>	<p><b>Plants</b></p> <p><i>True or False - Seeds and bulbs need the same requirements so that they can germinate.</i></p>	



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<p>Year 3</p>	<p><b>Skeletons, muscles and nutrition</b> Not every organism has a skeletal system, Why is it important for humans?</p>	<p><b>Rocks and Fossils</b> Are all types of rocks formed in the same way? TRUE or FALSE? Explain your answer.</p>	<p><b>Light and Shadows</b> What is the connection between light and shadows and how do they affect each other?</p>	<p><b>Plants: Needs for Survival</b> Why do all plants rely on the habitats they live in to survive?</p>	<p><b>Forces and Magnets</b> What reaction do forces have on objects?</p>
<p>Year 4</p>	<p><b>Teeth and Digestion</b> What parts of the body are involved in the digestive process?</p>	<p><b>States of Matter</b> Explain how a material can exist in more than one state.</p>	<p><b>Classification and Environments</b> What are some of the features that make living things different?</p>	<p><b>Sound</b> How do changes in volume and pitch travel to the ear and are heard?</p>	<p><b>Electricity</b> How can a power source make circuits work and control them to perform useful functions?</p>
<p>Year 5</p>	<p><b>Forces</b> Always, Sometimes or Never: The force encountered by an object is affected by it. Explain</p>	<p><b>Earth &amp; Space</b> How is the position and movement of the Earth responsible for day, night, month, seasonal change, and year?</p>	<p><b>Materials: Properties and Changes</b> Always, Sometimes or Never: The physical properties of materials determine why we use them?</p>	<p><b>Life Cycles</b> How do we know that life goes through a cycle if we all die in the end?</p>	<p><b>Growing Old</b> Why do humans change as they develop to old age?</p>
<p>Year 6</p>	<p><b>Light and Perception</b> How does our body help us to see the things we do?</p>	<p><b>Classification</b> Why can we all not live in the same habitat? Discuss</p>	<p><b>Evolution and Inheritance</b> What do we mean by the expression 'survival of the fittest'?</p>	<p><b>Electricity</b> Does electricity need to be controlled to perform useful functions?</p>	<p><b>Circulation and Lifestyle</b> Do body systems work independently? Discuss your answer</p>