



### Science Progression Map

Area of Study	EYFS	Year 1	Year 2
<b>Working scientifically</b>		<ul style="list-style-type: none"> <li>• WS1 asking simple questions and recognising that they can be answered in different ways</li> <li>• WS2 observing closely, using simple equipment and measurement</li> <li>• WS3 performing simple tests</li> <li>• WS4 identifying and classifying</li> <li>• WS5 using their observations and ideas to suggest answers to questions</li> <li>• WS6 gathering, recording and communicating data and findings to help in answering questions.</li> <li>• WS7 use scientific language and read and spell age-appropriate scientific vocabulary</li> <li>• WS8 begin to notice patterns and relationships</li> </ul>	<ul style="list-style-type: none"> <li>• WS1 asking simple questions and recognising that they can be answered in different ways</li> <li>• WS2 observing closely, using simple equipment and measurement</li> <li>• WS3 performing simple tests</li> <li>• WS4 identifying and classifying</li> <li>• WS5 using their observations and ideas to suggest answers to questions</li> <li>• WS6 gathering, recording and communicating data and findings to help in answering questions.</li> <li>• WS7 use scientific language and read and spell age-appropriate scientific vocabulary</li> <li>• WS8 begin to notice patterns and relationships</li> </ul>
<b>Plants</b>	<p><b>The Natural World</b></p> <p>Explore the natural world around them, making observations and drawing pictures of animals and <b>plants</b>.</p> <p>Use their senses to describe what they can see hear, smell, feel outside.</p> <p>Plants seeds and care for growing plants.</p> <p>Understand the key features of the lifecycle of a <b>plant</b> and an animal.</p>	<ul style="list-style-type: none"> <li>• Can identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</li> <li>• Can identify and describe the basic structure of a variety of common flowering plants, including trees</li> </ul>	<ul style="list-style-type: none"> <li>• Can observe and describe how seeds and bulbs grow into mature plants</li> <li>• Can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</li> </ul>
<b>Animals including humans</b>	<p><b>The Natural World</b></p> <p>Explore the natural world around them, making observations and drawing pictures of <b>animals</b> and plants.</p> <p>Use their senses to describe what they can see hear, smell, feel outside.</p> <p>Understand the key features of the lifecycle of a plant and an <b>animal</b>.</p>	<ul style="list-style-type: none"> <li>• Can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals identify and name a variety of common animals that are carnivores, herbivores and omnivores</li> <li>• Can describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)</li> <li>• Can identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</li> </ul>	<ul style="list-style-type: none"> <li>• Can notice that animals, including humans, have offspring which grow into adults</li> <li>• Can find out about and describe the basic needs of animals, including humans, for</li> <li>• survival (water, food and air)</li> <li>• Can describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene</li> </ul>



<p><b>Living things and their habitats</b></p>	<p><b>The Natural World</b></p> <p>Begin to understand the need to respect and care for the natural environment and all living things.</p>		<ul style="list-style-type: none"> <li>• Explore and compare the differences between things that are living, dead and things that have never been alive</li> <li>• Identify that most things live in habitats and describe how different habitats provide for the basics and how they depend on each other</li> <li>• Identify and name a variety of plants and animals in their habitats, including micro habitats</li> <li>• Describe how animals obtain their food from plants and other animals using the idea of a simple food chain and identify and name different sources of food.</li> </ul>
<p><b>Everyday materials</b></p>	<p><b>The Natural World</b></p> <p>Can understand some important processes and changes in the natural world around them, including the seasons and <b>changing in states of matter</b>.</p> <p>Explore and talk about different forces they can feel.</p>	<ul style="list-style-type: none"> <li>• Can distinguish between an object and the material from which it is made</li> <li>• Can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</li> <li>• Can describe the simple physical properties of a variety of everyday materials</li> <li>• Can compare and group together a variety of everyday materials on the basis of their simple physical properties</li> </ul>	<ul style="list-style-type: none"> <li>• Can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</li> <li>• Can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</li> </ul>
<p><b>Seasonal changes</b></p>	<p><b>The Natural World - ELG</b></p> <p>Can understand the effect of changing seasons on the natural world around them.</p> <p>Describe what they can see, hear, smell, feel outside</p>	<ul style="list-style-type: none"> <li>• Can observe changes across the four seasons</li> <li>• Can observe and describe weather associated with the seasons and how day length varies</li> </ul>	