



## Science Progression Document

Areas of Study	EYFS	Year 1	Year 2
Working Scientifically	<ul style="list-style-type: none"> <li>I can create and think critically - I have and develop my own ideas, make links between ideas, and develop strategies for doing things (Characteristics of Effective Learning)</li> </ul>	<ul style="list-style-type: none"> <li>I can ask simple questions and recognise that they can be answered in different ways</li> <li>I can observe closely, using simple equipment</li> <li>I can perform simple tests</li> <li>I can identify and classify</li> <li>I can use my observations and ideas to suggest answers to questions</li> <li>I can gather and record data to help in answering questions</li> </ul>	<ul style="list-style-type: none"> <li>I can ask simple questions and recognise that they can be answered in different ways</li> <li>I can observe closely, using simple equipment</li> <li>I can perform simple tests</li> <li>I can identify and classify</li> <li>I can use my observations and ideas to suggest answers to questions</li> <li>I can gather and record data to help in answering questions</li> </ul>
Animals, including humans	<ul style="list-style-type: none"> <li>I can explore the natural world around me.</li> <li>I can make observations and draw pictures of animals and plants</li> <li>I can know some similarities and differences between the natural world around me and contrasting environments</li> </ul>	<ul style="list-style-type: none"> <li>I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</li> <li>I can identify and name a variety of common animals that are carnivores, herbivores and omnivores</li> <li>I can describe and compare the structure of a variety of common</li> </ul>	<ul style="list-style-type: none"> <li>I can notice that animals, including humans, have offspring which grow into adults</li> <li>I can find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</li> <li>I can describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene</li> </ul>

		animals (fish, amphibians, reptiles, birds and mammals including pets) <ul style="list-style-type: none"> <li>I 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>	
Living things and their habitats	<ul style="list-style-type: none"> <li>I can explore the natural world around me.</li> <li>I can make observations and draw pictures of animals and plants</li> <li>I can know some similarities and differences between the natural world around me and contrasting environments</li> </ul>		<ul style="list-style-type: none"> <li>I can explore and compare the differences between things that are living, dead, and things that have never been alive</li> <li>I can identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other</li> <li>I can identify and name a variety of plants and animals in their habitats, including microhabitats</li> <li>I can 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>
Plants	<ul style="list-style-type: none"> <li>I can explore the natural world around me.</li> <li>I can make observations and draw pictures of animals and plants</li> <li>I can know some similarities and differences between the natural</li> </ul>	<ul style="list-style-type: none"> <li>I can identify and name a variety of common and wild and garden plants, including deciduous and evergreen trees</li> <li>I can identify and describe the basic structure of a variety of</li> </ul>	<ul style="list-style-type: none"> <li>I can observe and describe how seeds and bulbs into mature plants</li> <li>I can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</li> </ul>

	world around me and contrasting environments	common flowering plants, including trees	
Materials		<ul style="list-style-type: none"> <li>• I can distinguish between an object and the material from which it is made</li> <li>• I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</li> <li>• I can describe the simple physical properties of a variety of everyday materials</li> <li>• I 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>• I 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>• I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</li> </ul>
Seasonal Changes	<ul style="list-style-type: none"> <li>• I can explore the natural world around me.</li> <li>• I can describe what I see, hear and feel whilst outside.</li> <li>• I can understand the effect of changing seasons on the natural world around me.</li> <li>• I can understand some important processes and changes in the natural world around me, including the seasons and changing states of matter</li> </ul>	<ul style="list-style-type: none"> <li>• I can observe changes across the 4 seasons Observe and describe weather associated with the seasons and how day length varies</li> </ul>	

