

Long term planning for Science Y1/2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A Y1/2	<p>Seasonal Changes</p> <p>Observe changes across the seasons.</p> <p>Observe and describe weather and how daylight varies.</p>	<p>Animals , including humans</p> <p>Identify and name common animals –fish, amphibians, reptiles, birds and mammals.</p> <p>Identify and name common plants, including deciduous and evergreen trees.</p> <p><i>Animals have offspring that grow into adults.</i></p> <p><i>Basic needs of animals and humans.</i></p> <p><i>Observe and describe how seed/bulbs grow into plants.</i></p>	<p>Living things and their habitats</p> <p><i>Explore and compare differences between things that are living, dead and never been alive.</i></p> <p><i>Things live in habitats to which they are suited.</i></p>	<p>Everyday materials</p> <p>Distinguish between objects and their materials.</p> <p>Identify and name everyday materials- wood, plastic, glass, metal, water and rock.</p> <p><i>Identify and compare uses of materials.</i></p>	<p>Everyday materials and Seasonal changes</p> <p>Learn about magnetic items and waterproof materials.</p> <p>Learn about the sun’s position in the sky.</p> <p><i>To examine how soil is useful.</i></p> <p><i>To understand that materials can be natural or manufactured.</i></p>	<p>Working Scientifically</p> <p>Opportunities for:</p> <p>Planning Enquires</p> <p>Taking measurements</p> <p>Recording data</p> <p>Predicting</p> <p>Answering questions</p>

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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle B Y1/2	<p>Seasonal changes</p> <p>Observe changes across the seasons.</p> <p>Observe and describe weather and how daylight varies.</p>	<p>Animals, inc. humans</p> <p>Identify and describe roots, stem/trunk, leaves and flowers.</p> <p><i>Importance of exercise, diet and hygiene for humans.</i></p> <p><i>Plants need water, light and suitable temperature to grow.</i></p>	<p>Living things and their habitats</p> <p><i>Identify and name plants and animals in their habitats.</i></p> <p><i>How animals obtain food from plants and other animals – simple food-chain.</i></p>	<p>Everyday materials</p> <p>Describe simple physical properties.</p> <p>Compare and group materials.</p> <p><i>Change shape by squashing, bending, twisting and stretching.</i></p>	<p>Everyday materials and Seasonal changes</p> <p>Identify the strength and direction of the wind.</p> <p>Know how shadows change over the course of the day.</p> <p>Understand some changes associated with autumn, winter, spring and summer.</p> <p><i>Find out about people who have developed useful new materials.</i></p>	<p>Working Scientifically</p> <p>Opportunities for:</p> <p>Planning Enquires Taking measurements Recording data Predicting Answering questions</p>