



Science long-term plan



	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>Pre-school</u>	<p><u>Understanding the worlds Science (developing experts)</u></p> <p><u>Explore different types of vegetables</u> <u>Discover different types of fruit</u> <u>Learn about farm animals</u> <u>Properties of materials</u> <u>Changes in state</u></p>					
<u>Nursery</u>	<p><u>Theme: Autumn</u> <u>all about me,</u> <u>looking after</u> <u>ourselves,</u> <u>seasons, senses,</u> <u>materials and how</u> <u>things work</u></p>	<p><u>Theme: Light and dark seasons, hibernation, night and day animals, shadows, properties of materials.</u></p>	<p><u>Theme: Antarctica</u> <u>Antarctica animals,</u> <u>habitats around the</u> <u>world, seasons,</u> <u>climates, Properties of</u> <u>materials, differences</u> <u>in materials.</u></p>	<p><u>Seasons, Plant seeds</u> <u>and grow plants, life</u> <u>cycle of plants, living</u> <u>things</u></p>	<p><u>Theme: Minibeasts All</u> <u>living things, life cycle</u> <u>of plant and animals,</u> <u>plants and flowers,</u> <u>weather/seasons</u></p>	<p><u>Theme: Farm</u> <u>All living things, life</u> <u>cycle of plant and</u> <u>animals, ocean habitats,</u> <u>the farm, seasons.</u></p>
<u>Reception</u>	<p><u>Looking after</u> <u>ourselves, how</u> <u>have I changed,</u> <u>keeping healthy,</u> <u>seasons</u></p>	<p><u>Seasons, weather,</u> <u>light and dark, space</u></p>	<p><u>Winter, different</u> <u>climates, properties of</u> <u>materials,</u></p>	<p><u>Caring for plants and</u> <u>animals, lifecycles</u></p>	<p><u>Growing and</u> <u>changing, lifecycles,</u> <u>plants, growing,</u> <u>seasonal changes</u></p>	<p><u>Plants and growing,</u> <u>seasons, animals and</u> <u>habitats, weather.</u></p>
<u>Year 1</u>	<p><u>Animals including humans</u> (about <u>Animals</u>)</p>	<p><u>Animals including humans</u> (About me)</p>	<p><u>Exploring every day materials 1</u></p>	<p><u>Exploring every day materials 2</u></p>	<p><u>Plants</u></p>	<p><u>Seasonal change</u></p>



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	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>Year 2</u>	Animals including humans (Growth)	Animals including humans (life cycles)	Everyday materials	Plants	Living things and their habitats (life cycles)	Living things and their habitats (around the world)
<u>Year 3</u>	<u>Animals including humans</u>	<u>Rocks</u>	<u>Forces and magnets</u>	<u>Light</u>	<u>Plants</u>	<u>Scientific enquiry</u>
<u>Year 4</u>	<u>Animals including humans</u>	<u>Electricity</u>	<u>Sound</u>	<u>States of matter</u>	<u>Living things and their habitats</u>	<u>Living things and their habitats – conservation</u>
<u>Year 5</u>	<u>Animals including humans</u>	<u>Earth and Space</u>	<u>Properties of materials</u>	<u>Changes of materials</u>	<u>Forces</u>	<u>Living things and their habitats (Reproduction including RSE)</u>
<u>Year 6</u>	<u>Animals including humans</u>	<u>Electricity</u>	<u>Evolution and inheritance</u>	<u>Light</u>	<u>Living things and their habitats</u>	<u>Looking after our environment</u>