



St Michael's C of E Primary School

Science

Long Term Plan 2021/22

Biology

Chemistry

Physics

Earth Sciences

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Reception	Children explore the natural world around them, including in Forest School and the greenhouse. They make observations and create images, models and scenarios involving animals and plants. They know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what they have been exposed to in class. They learn to understand some important processes and changes which they experience in the natural world around them, for example the seasons and changing states of matter.						
	Changing seasons: autumn	Space, the sun and moon, light and dark	Sea animals, habitats, coral reefs	Dinosaurs		Seasons, life cycles and habitats	
Year 1	<i>Animals, including humans</i>		<i>Seasonal Changes</i>	<i>Plants</i>	<i>Everyday Materials</i>		
	Our Pets	Ourselves	Wonderful Weather	What's Growing in Our Gardens?	Marvellous Materials	Let's Build	
Year 2	<i>Animals, including humans</i> Healthy Animals	<i>Living things and their habitats</i> Habitats	<i>Uses of everyday materials</i>		<i>Living things and their habitats</i> Gardens and Allotments	Plants Ready, Steady, Grow!	
			Materials Matter	Squash, bend, twist, stretch			
Year 3	Rocks Rocks and Fossils	Light Light and Shadows	<i>Plants</i>		<i>Animals, including humans</i> Keeping Healthy	Forces and Magnets Amazing Magnets!	
			Roots and Shoots	Artful Flowers, Fruits and Seeds			
Year 4	<i>Electricity</i> It's Electric	<i>States of Matter</i> States of Matter Scientists	<i>Sound</i> Listen Up!	<i>Living things and their habitats</i> Name that Living Thing!	<i>Animals, including humans</i> Are These Your Teeth	<i>Living things and their habitats</i> Help our Habitats!	
Year 5	<i>Earth and Space</i> Space Presenters	<i>Forces</i> May the Force be with you		<i>Properties of Materials</i>		<i>Living things and their habitats</i> The Art of Living	<i>Animals, including humans</i> Life Explorers
		Materials	Changing Materials				
Year 6	<i>Light</i> Crime Lab Investigation	<i>Electricity</i> Electric Celebrations	<i>Living things and their habitats</i> Classification Connoisseurs	<i>Evolution and inheritance</i> The Game of Survival	<i>Animals including humans</i> The Art of Being Human	Second look at science: A review of the year's science learning	