



Warren Park Primary School - Science - Long Term Plan - 2021-2022

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R	Our New School Exploring my Senses	Under the Sea Floating and Sinking	Dinosaurs Exploring Changing Materials: Frozen dinosaurs	Space The Planets	Holiday Temperature, Weather, and Growing Plants	Celebrations Science for Fun
COSMIC	<p>Understanding the World Through Practical Exploration</p> <ul style="list-style-type: none"> <li>- Explore the natural world around them, making observations and drawing pictures of animals and plants               <ul style="list-style-type: none"> <li>- Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class</li> </ul> </li> <li>- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter</li> </ul>					
Year1	Animals and Humans Identifying and Describing Animals	Plants Identifying and Describing Plants		Everyday Materials Identifying and Describing Materials		
	Seasonal Changes Changes Across the Seasons					
COSMIC	Practical Application of Knowledge Animals and Humans (3 Sessions) Plants (3 Sessions)		Practical Application of Knowledge Animals and Humans (3 Sessions) Plants (3 Sessions)		Practical Application of Knowledge Review of Scientific Enquiry and Skills (2 Sessions)	

Year 2	Animals and Humans What Animals Need to Survive	Living Things & Habitats Plants, Animals and Their Habitat	Plants What Plants Need to Survive	Everyday Materials Comparing and Manipulating Materials
COSMIC	Practical Application of Knowledge Animals and Humans (3 Sessions) Plants (3 Sessions)	Practical Application of Knowledge Animals and Humans (3 Sessions) Plants (3 Sessions)	Practical Application of Knowledge Review of Scientific Enquiry and Skills (2 Sessions)	
Year 3	Forces and Magnets Pushes and Pulls	Rocks Simple Fossil Formation	Light How We See and our Shadows	Longitudinal Study Reflection Topic Specific Enquiries Formal Assessment
COSMIC	Longitudinal Study Animals and Humans (8 Sessions)			
	Longitudinal Study Living Things and Habitats (8 Sessions)			
Year 4	States of Matter Grouping Materials, Heating and Cooling	Sound Sources and Their Vibrations	Electricity Conductors, Insulators and Simple Circuits	Longitudinal Study Reflection Topic Specific Enquiries Formal Assessment
COSMIC	Longitudinal Study Animals and Humans (8 Sessions)			
	Longitudinal Study Living Things and Habitats (8 Sessions)			

Year 5	Earth and Space Earth's Movements and The Effects	Forces Air Resistance, Water Resistance and Friction	Properties, Materials and Changes Transparency, Opacity, Mixtures and Solutions	Longitudinal Study Reflection Topic Specific Enquiries Formal Assessment
COSMIC	Longitudinal Study Animals and Humans (8Sessions)			
	Longitudinal Study Living Things and Habitats (8Sessions)			
Year 6	Evolution and Inheritance Adaptations and Fossil Evidence	Light Reflection and Affecting How We See	Electricity Performance Variations and Resistance	Longitudinal Study Reflection Topic Specific Enquiries Formal Assessment
COSMIC	Longitudinal Study Animals and Humans (8Sessions)			
	Longitudinal Study Living Things and Habitats (8Sessions)			