

Science Curriculum Long Term Plan							
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Year R	In preparation for the following Year 1 Key Skills, Knowledge and Understanding Working Scientifically: <ul style="list-style-type: none"> <li>• Ask simple questions and recognising that they can be answered in different ways</li> <li>• Observe closely, using simple equipment</li> <li>• Perform simple tests</li> <li>• Identify and classify</li> <li>• Use their observations and ideas to suggest answers to questions</li> <li>• Gather and record data to help in answering questions</li> </ul>			<b>Linked Early Learning Goals (Assessment)</b> <b>The Natural World</b> <ul style="list-style-type: none"> <li>• Explore the natural world around them, making observations and drawing pictures of animals and plants.</li> <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> <li>• Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</li> </ul> <b>Listening, Attention and Understanding</b> <ul style="list-style-type: none"> <li>• Listen attentively and respond to what they hear with relevant questions, comments and actions when being read to and during whole class discussions and small group interactions.</li> <li>• Make comments about what they have heard and ask questions to clarify their understanding.</li> </ul> <i>The ELGs should not be used in any way to limit the wide variety of rich experiences that are crucial to a broad and balanced curriculum.</i>			
	Seasonal Changes over the Year						
Year 1/2	CYCLE A	Everyday Materials (Y1 unit)		Animals, including humans (Y2 unit)	Living things and their habitats (Y2 unit)	Plants (Y1 unit)	Animals, including humans (Y2 unit – exercise, food and hygiene)
	CYCLE B	Use of everyday materials (Y2 unit)		Seasonal Changes: Wild Weather	Living things and their habitats: Gardens and Allotments	Animals, including humans (Y1 unit)	plants (Y2 unit)
Year 3/4	CYCLE A	Forces and Magnets (Y3 unit)	Animals, including humans (Y3 unit)	Rocks (Y3 unit)	Plants (Y3 unit)	States of Matter (Y4 unit)	Light (Y3 unit)
	CYCLE B	Electricity (Y4 unit)	Sound (Y4 unit)		Forces and Magnets (Y3 – forces...linking to tectonic plates)	Animals, including humans (Y4 unit)	Living things and their habitats (Y4 unit)
Year 5/6	CYCLE A		Earth and Space (Y5 unit)	Light (Y6 unit)	Living Things and their Habitats (Y5 unit)	)	Properties and Changes of Materials (Y5 unit)
	CYCLE B	Electricity (Y6 unit)		Living things and their Habitats (Y6 unit)	Evolution and Inheritance (Y6 unit)	Forces (Y6 unit)	Animals, including humans (Y5/6 units)