

# Altham St. James CE Primary School



## Science Curriculum Overview

	Reception	Year 1/ 2		Year 3/ 4		Year 5/ 6	
		Cycle 1	Cycle 2	Cycle 1	Cycle 2	Cycle 1	Cycle 2
Autumn	<ul style="list-style-type: none"> <li>Animals, excluding humans</li> <li>Humans</li> <li>Living things and their habitats</li> <li>Plants</li> <li>Seasonal changes</li> </ul>	<b>Local habitats- on going throughout the year</b> <ul style="list-style-type: none"> <li>Living things</li> <li>Animals and their needs</li> </ul>	<b>Our environment – on going throughout the year</b> <b>Weather - on going throughout the year</b> <ul style="list-style-type: none"> <li>Habitats</li> </ul>	<ul style="list-style-type: none"> <li>Respecting our environment</li> <li>Classification</li> </ul>	<ul style="list-style-type: none"> <li>Animal homes</li> <li>Animals and skeletons</li> </ul>	<ul style="list-style-type: none"> <li>Field studies</li> <li>Heart and lungs</li> </ul>	<ul style="list-style-type: none"> <li>Decaying and recycling</li> <li>Life cycles</li> </ul>
Spring	<ul style="list-style-type: none"> <li>Materials, including changing materials</li> <li>Electricity</li> </ul>	<ul style="list-style-type: none"> <li>Materials</li> </ul>	<ul style="list-style-type: none"> <li>Everyday materials</li> </ul>	<ul style="list-style-type: none"> <li>Electricity</li> <li>Digestion</li> </ul>	<ul style="list-style-type: none"> <li>Forces and magnets</li> <li>Plants</li> </ul>	<ul style="list-style-type: none"> <li>Classification</li> <li>Electricity</li> </ul>	<ul style="list-style-type: none"> <li>Earth and space</li> <li>Mixtures and reactions</li> </ul>
Summer	<ul style="list-style-type: none"> <li>Light</li> <li>Forces</li> <li>Sound earth and space</li> </ul>	<ul style="list-style-type: none"> <li>Plants</li> </ul>	<ul style="list-style-type: none"> <li>Plants</li> </ul>	<ul style="list-style-type: none"> <li>Sound</li> <li>States of matter</li> </ul>	<ul style="list-style-type: none"> <li>Light</li> <li>Rocks</li> </ul>	<ul style="list-style-type: none"> <li>Light</li> <li>Evolution</li> </ul>	<ul style="list-style-type: none"> <li>Human development</li> <li>Forces</li> </ul>
National Curriculum 2014	<b>EARLY LEARNING GOALS</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>	<ul style="list-style-type: none"> <li>Living things their habitats</li> <li>Plants</li> <li>Animals incl. humans</li> <li>Uses of everyday materials</li> </ul>	<ul style="list-style-type: none"> <li>Plants</li> <li>Animals incl. humans</li> <li>Everyday materials</li> <li>Seasonal changes</li> </ul>	<ul style="list-style-type: none"> <li>Living things &amp; their habitats</li> <li>Animals incl. humans</li> <li>Sound</li> <li>Electricity</li> </ul>	<ul style="list-style-type: none"> <li>Plants</li> <li>Animals incl. humans</li> <li>Rocks</li> <li>Light</li> <li>Forces &amp; Magnets</li> </ul>	<ul style="list-style-type: none"> <li>Living things &amp; their habitats</li> <li>Animals incl. humans</li> <li>Light</li> <li>Electricity</li> <li>Evolution &amp; inheritance</li> </ul>	<ul style="list-style-type: none"> <li>Living things &amp; their habitats</li> <li>Animals incl. humans</li> <li>Properties &amp; changes of materials</li> <li>Earth &amp;Space</li> <li>Forces</li> </ul>
For Key skills see long term plans and key skills grids				•	•	•	•