

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"> Animals, excluding humans Humans Living things and their habitats Plants Seasonal changes Materials, including changing materials Electricity Light Forces Sound earth and space 	Our environment – on going throughout the year Weather - on going throughout the year <ul style="list-style-type: none"> Habitats 	Local habitats- on going throughout the year <ul style="list-style-type: none"> Living things Animals and their needs <ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Animal homes Animals and skeletons 	<ul style="list-style-type: none"> Respecting our environment Classification 	<ul style="list-style-type: none"> Decaying and recycling Life cycles 	<ul style="list-style-type: none"> Field studies Heart and lungs
Spring		<ul style="list-style-type: none"> Everyday materials 	<ul style="list-style-type: none"> Materials 	<ul style="list-style-type: none"> Forces and magnets Plants 	<ul style="list-style-type: none"> Electricity Digestion 	<ul style="list-style-type: none"> Earth and space Mixtures and reactions 	<ul style="list-style-type: none"> Classification Electricity
Summer		<ul style="list-style-type: none"> Plants 	<ul style="list-style-type: none"> Plants 	<ul style="list-style-type: none"> Light Rocks 	<ul style="list-style-type: none"> Sound States of matter 	<ul style="list-style-type: none"> Human development Forces 	<ul style="list-style-type: none"> Light Evolution
National Curriculum 2014	EARLY LEARNING GOALS <ul style="list-style-type: none"> Explore the natural world around them, making observations and drawing pictures of animals and plants 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. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 	<ul style="list-style-type: none"> Plants Animals incl. humans Everyday materials Seasonal changes 	<ul style="list-style-type: none"> Living things and their habitats Plants Animals incl. humans Uses of everyday materials 	<ul style="list-style-type: none"> Plants Animals incl. humans Rocks Light Forces & Magnets 	<ul style="list-style-type: none"> Living things & their habitats Animals incl. humans Sound Electricity 	<ul style="list-style-type: none"> Living things & their habitats Animals incl. humans Properties & changes of materials Earth &Space Forces 	<ul style="list-style-type: none"> Living things & their habitats Animals incl. humans Light Electricity Evolution & inheritance
For Key skills see long term plans and key skills grids				•	•	•	•