















Balderstone Science Whole School Overview



Year A

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
						
Pre School	Autumn	Exploring Materials	Growing Gardening		Living and growing	
Reception Understanding the World 	Seasons					
	Our senses and natural materials	Forces - Magnetic attraction and repulsion Up thrust Elastic (snap a twig not bend a metal rod)	Plants and Living Things (growing) Growth, change and decay Planting		Caring for the natural environment Life Cycles	
Year 1 and 2 	Seasonal changes and weather					
	Animal groups		Living things and their habitats		Plants	

<p>Year 3 and 4</p> 	<p>Material properties and changes - States of Matter</p>	<p>Light and Astronomy Light reflections and shadows</p>	<p>Electricity</p>	<p>Material properties - Rocks</p>	<p>Plants - functions and parts of a plant</p>
<p>Year 5 and 6</p> 	<p>Evolution and Inheritance Adaptations, varying offspring</p>	<p>Electricity</p>	<p>Living things (Year 5 unit) Life cycles of plants and animals</p>	<p>Animals including humans - circulatory systems - exercise, nutrition and drugs</p>	

Year B

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>EYFS Understanding the World</p> 	Seasons					
	<p>My Balderstone Family</p> <p>Knowledge of things in nature</p>	<p>Balderstone Superheroes</p> <p>Changes when things are hot and cold</p>	<p>Balderstone Beasts</p> <p>Plants Living things Life cycles</p> <p>Bending and stretching</p>	<p>Balderstone Bears</p> <p>Weather</p>	<p>Balderstone's Barrier Reef</p> <p>Forces Floating and sinking</p>	<p>Balderstone and Beyond</p> <p>Rocks Space Material changing when cooking Safety in the sun</p>
<p>Year 1 and 2</p> 	Seasonal changes and weather					
	<p>Humans including Life cycles.</p>	<p>Materials</p>		<p>Living, dead or never living? Micro habitats & minibeasts</p>		

<p>Year 3 and 4</p> 	<p>Forces and Magnets</p>		<p>Sound</p>	<p>Animals - Skeletons and Movement Teeth, Eating, Digestion Health and Nutrition Environment - Living things and their Habitats</p>	
<p>Year 5 and 6</p> 	<p>Earth in Space Copernicus, Ptolemy, Alhazen Planets Project</p>	<p>Forces Isaac Newton/ Galileo Galilei</p>	<p>Materials Spencer Silver/ Ruth Benerito</p>	<p>Light</p>	<p>Classification Carl Linnaeus</p>