

EYFS Science Progression Document

The following curriculum is based on the Early Years Framework.

Our Curriculum Drivers are the factors that we value as a school. All of the adults in school model and actively teach the **Lawn Values of Responsibility, Respect, Teamwork, Initiative, Integrity and Empathy**. These values are woven through our curriculum in EYFS and form part of our classroom ethos. Alongside these are our **Trust values of Respect, Kindness, Equality and Creativity**.

The Characteristics of Effective Learning:

In planning and guiding what children learn, practitioners must reflect on the different rates at which children are developing and adjust their practice appropriately. The emphasis on how children learn has huge potential to transform early years practice and empower children as confident, creative lifelong learners. The Characteristics of Effective Learning are:

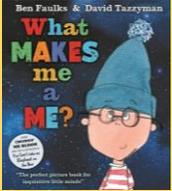
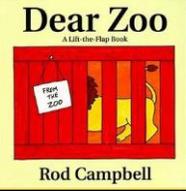
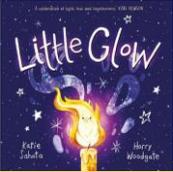
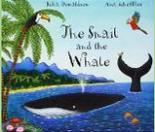
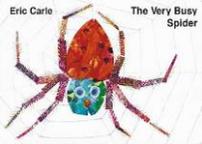
Playing and exploring – children investigate and experience things, and ‘have a go’.

Active learning – children concentrate and keep on trying if they encounter difficulties, and enjoy achievements.

Creating and thinking critically – children have and develop their own ideas, make links between ideas, and develop strategies for doing things.

These are the behaviours that the children use in order to learn. To learn well children must approach each opportunity with enthusiasm, curiosity and energy. A child displaying these abilities and attitudes will be a strong learner and will be able to make good progress across all areas of learning,

<u>Learning Nutrient</u>	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<i>Ambition</i>	<i>Challenge</i>	<i>Positivity and Praise</i>	<i>Celebrating and Reviewing</i>	<i>Coach and Support Others</i>	<i>Making choices to support next steps</i>
Topic	Marvellous Me	Let's Celebrate!	Explorers	Explorers	Castles and Traditional Tales Once Upon a Time...	Minibeast Madness
Link to Global Citizenship Curriculum	<i>Baseline (3 weeks) Plus observations for own Baseline. We Are All Unique</i>		<i>Clean Green World (Whole school do this in Summer term, but this links with our Spring term topic)</i>		<i>Freedom and Equality</i>	

<p>Key texts</p>	<p>'What Makes me a Me' by Ben Foulkes</p>  <p>'Dear Zoo' by Rod Campbell</p> 	<p>'Little Glow' by Katie Sahota and Harry Woodgate</p> 	<p>'Say Hello to the Snowy animals'</p>  <p>'Monkey Puzzle' by Julia Donaldson</p>  <p>'Owl Babies' by Martin Waddell</p> 	<p>'The Smeds and the Smoos' by Julia Donaldson</p>  <p>'The Snail and the Whale' by Julia Donaldson</p>  <p>'What a submarine sees' by Laura Knowles</p> 	<p>'Lullabyhullabaloo' by Mick Inkpen</p>  <p>'Jack and the Beanstalk' (Traditional Tale)</p> 	<p>'The Very Hungry Caterpillar' by Eric Carle</p>  <p>'The Very Busy Spider' by Eric Carle</p> 
<p>Understanding of the world</p> <p>Science</p>	<p>Children will know:</p> <p>Scientific enquiry: To understand growth, decay and changes over time. Exploring changes in the seasons.</p> <p>We will look at the changes to our environment over time and observe the changing seasons.</p>	<p>Children will know:</p> <p>How to draw information from a simple map. They will make observations about animals and plants</p> <p>Children will explore animals that live in different environments. They will discuss where these animals live, why they live there.</p>	<p>Children will know:</p> <p>To explore contrasting environments and be able to talk about similarities and differences.</p> <p>They will explore features of their own environment and be able to talk about the features of these environments the similarities and</p>	<p>Children will know:</p> <p>Children will understand the past through settings, characters and events in the stories we read in class.</p> <p>Scientific enquiry: Growing a plant Growing and changing. To understand how things grow and change of over time.</p>	<p>Children will know:</p> <p>How identify and explore the natural world around them Exploring minibeasts and their habitats.</p> <p>Making observations and drawing pictures of animals and plants. They will do this through looking at and exploring minibeasts and their habitats.</p>	

			<p>Scientific enquiry: Understanding important processes and changes in state and matter through observing freezing and melting.</p>	<p>differences between these and other contrasting environments.</p> <p>Scientific enquiry: Floating and Sinking</p>		<p>They will explore the important processes in nature such as life cycles of minibeasts and the effects of the changing seasons on their immediate environment.</p> <p>Scientific enquiry: Processes and changes in the natural world around them.</p>
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