

2025 - 2026 Science Curriculum Mapping Years 1 to 6

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Materials & Seasonal changes		Animals including humans - Bodies, senses and diet. and Seasonal changes		Seasonal changes and Plants	
Year 2	Use of Everyday Materials		Animals including humans - Growth and basic needs		Living things and their habitats - classification and habitats	Plants
Year 3	Forces and magnets	Light	Animals including humans - Skeletons, muscles and nutrition		Rocks	Plants
Year 4	Living things and their habitats - environmental factors	Sound	Electricity	States of Matter	Animals including humans food and digestion	
Year 5	Living things and their habitats - Lifecycles	Earth and space	Properties and changes in materials		Forces	Animals inc. Humans - development
Year 6	Living things and their habitats - classification	Light	Animals including humans - systems in the body	Electricity	Evolution and Inheritance	Consolidation unit



Our EYFs curriculum is planned to be rich, inspiring and broad to allow all of children to widen their horizons in each subject, through **holistic learning**. It provides the depth that enables our children to become confident independent learners and are supported to have in depth knowledge and skills essential for all areas of development. Our Early Years provision provides children with a wide range of rich, first hand learning experiences to take the curriculum beyond the classroom and develop their love of learning, independence and creative thinking. Our curriculum has been developed to offer children a wide range of opportunities to personalise their learning in order to develop existing talents and interests and discover new ones. Our foundation stage raises children's aspirations and equips them with the knowledge and skills to flourish in their next stage of their education.

Reception

Autumn1- Me, my family and my village

Harvest/ Autumn

Autumn 2- Heroes People who help us, Why do we wear poppies?

Bonfire night

Christmas

Spring 1 - Winter

Chinese New Year

Africa

Spring 2 - Traditional Tales

Growing plants

Easter/ Spring

Summer 1 - Lifecycle

Summer 2 - Transport and Travel

Pirates/ The Seaside

Nursery 2 (3-4 Year Olds)

Autumn 1 - All about me (when I grow up)

Autumn - Forest Classroom

Autumn 2 - Colour and Celebrations, (Diwali, Christenings, Christmas, Halloween and Bonfire night)

Spring 1 - Winter

Once upon a time and rhyme,

Chinese New Year

Spring 2 - Mr Wolf's Pancakes

Bible stories - Noah's Ark and Animals

Spring / Easter

Summer 1 - Lifecycle/ Growing

Summer 2 Healthy foods,

People Who Help Us

Nursery 1 (2-3 Year Olds)

Term1- Nursery rhymes / I Can.. (new skills routines, sensory experiences)

Term 2- Animals/ Pets / Textures and Colours

Term 3- Teddy Bears Picnic

Possible extra topics - Easter, Christmas, Halloween, Mother's Day and Father's Day

Understanding the World Understanding

The world involves guiding children to make sense of their physical world and their community. The frequency and range of children's personal experiences increases their knowledge and sense of the world around them - from visiting parks, libraries and museums to meeting important members of society such as police officers, nurses and firefighters. In addition, listening to a broad selection of stories, non-fiction, rhymes and poems will foster their understanding of our culturally, socially, technologically and ecologically diverse world. As well as building important knowledge, this extends their familiarity with words that support understanding across domains. Enriching and widening children's vocabulary will support later reading comprehension.

The most relevant statements for science are taken from the following areas of learning:

- Communication and Language
- Personal, Social and Emotional Development
- Understanding the World

Science		
Two and Three Year-Olds	Communication and Language	<p>I can identify familiar objects. 2</p> <p>I can understand and ask simple questions 2/3</p> <p>I am learning new words and phrases. 123</p> <p>I can understand and talk in simple sentences. 123</p> <p>I can understand frequently used words and use them in my talk 1</p> <p>I can understand simple instructions 1</p> <p>I can generally focus on an activity of my choice 1</p> <p>I can listen to other peoples talk with interest but can be distracted by other things. 1</p> <p>I am starting to say how I am feeling using words and actions 2</p>
	Personal, Social and Emotional Development	<p>I am beginning to feel strong enough to express a range of emotions. 1</p> <p>I am growing in independence rejecting help and can get frustrated. 1</p> <p>I am beginning to show control for example waiting for a turn. 1</p> <p>I am increasingly able to talk about and manage my emotions. 2</p>
	Understanding the World	<p>I can use all of my senses to explore and investigate or manipulate different materials. 1</p> <p>I can make simple models which express my ideas. 1</p> <p>•</p>
Three and Four-Year-	Communication and Language	I can stop and listen when asked by an adult 1

Olds		<p>I can explain my thinking. 1,2,3</p> <p>I can share a book, talking through the pictures or repeating language I heard when it was read to me. 2</p> <p>I know several unfamiliar words and can use them in context and I will use a 'new' word in my speech. 2</p> <p>I understand an instruction with two parts, 'sit down and get out your dough' 1/2</p> <p>I will attempt to answer and ask 'why' questions 2/3</p> <ul style="list-style-type: none"> • I can use talk to explain my ideas 1
	Personal, Social and Emotional Development	<ul style="list-style-type: none"> • I can make healthy choices about food, drink, activity and toothbrushing.
	Understanding the World	<p>I can use my senses and talk about them. 1</p> <p>I can explore materials and investigate their different properties. 2</p> <p>I can ask 'how does this work?' and I can explore how things work. 1/2/3</p> <p>I can talk about nature, how to look after it and how it grows. 3</p> <p>I enjoy baking with a variety of ingredients and recipes. 1/2/3</p>

Reception	Communication and Language	<p>I have an increasing vocabulary to draw on in conversation.</p> <p>I can answer any question asked.</p> <p>I show clear understanding of what has been said to me and I will follow instructions.</p>
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Reception Continued	Personal, Social and Emotional Development	<ul style="list-style-type: none"> • Know and talk about the different factors that support their overall health and wellbeing: <ul style="list-style-type: none"> - regular physical activity - toothbrushing - sensible amounts of 'screen time' - having a good sleep routine - being a safe pedestrian
	Understanding the World	<p>I can explore my outdoors to experience changes, weather and physical challenges. 1,2,3</p> <p>I can use my senses to explore the natural world. 1,2,3</p> <p>I can show you I'm interested in the outdoors. 1,2,3</p> <p>I can tell you the life cycle of some animals (Frog, caterpillar and human)</p>

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ELG	Communication and Language	Listening, Attention and Understanding	<ul style="list-style-type: none"> • Make comments about what they have heard and ask questions to clarify their understanding.
	Personal, Social and Emotional Development	Managing Self	<ul style="list-style-type: none"> • Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.
	Understanding the World	The Natural World	<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.