

Science Curriculum

Cycle A 2023-2024

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
KS1	Everyday Materials	Human Senses	Seasonal Changes	Plant Parts	Animal Parts	
LKS2	Animal Nutrition & the Skeletal System	Forces and Magnets	Plant Nutrition & Reproduction	Light and Shadows		
UKS2	Forces and Mechanisms	Earth and Space	Human Reproduction and Ageing	Properties and Changes of Materials		

Cycle B 2024-2025

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
KS1	Human Survival	Habitats	Uses of Materials	Plant Survival	Animal Survival	
LKS2	Food and the Digestive System	Sound	States of Matter	Grouping and Classifying	Electrical Circuits and Conductors	
UKS2	Circulatory System	Electrical Circuits and Components	Light Theory	Evolution and Inheritance		

EYFS

Science at Foundation Stage is covered in the 'Understanding the World' area of the EYFS Curriculum. It is introduced indirectly through activities that encourage every child to explore, problem solve, observe, predict, think, make decisions and talk about the world around them. Pupils also access the KS1 Science curriculum with age-appropriate and targeted knowledge and skills.

[Understanding the World: science links](#)

<p>Me & My Community</p>	<p>Once Upon A Time</p> <p>Compare and group objects and materials according to simple given criteria.</p>	<p>Big Wide World</p> <p>Describe how the weather, plants and animals of one place is different to another using simple geographical terms.</p> <p>Identify common features for different groups of animals, including wild and domestic animals.</p> <p>Name and sort everyday items into groups of the same material</p>	<p>Dangerous Dinosaurs</p> <p>Make a shadow bigger or smaller using toys, play equipment and a light source.</p> <p>Represent scientific observations by mark making, drawing or creating simple charts and tables. Offer explanations for why things happen, making use of vocabulary, such as, because, then and next.</p> <p>Identify common features for different groups of animals, including wild and domestic animals.</p> <p>Match animals to the foods that they eat</p>	<p>Long Ago</p> <p>Describe simply how weather changes as the seasons change.</p> <p>Put familiar events in chronological order, using pictures and discussion.</p> <p>Use age-appropriate software to create images and record sounds and videos.</p> <p>Name and sort everyday items into groups of the same material.</p> <p>Notice and begin to describe patterns of weather in summer and winter.</p>	<p>Sunflowers & Sunshine</p> <p>Observe and describe living things and their habitats within the local environment.</p> <p>Notice and begin to describe patterns of weather in summer and winter.</p> <p>Begin to name and group plants and trees according to their observable features.</p> <p>Explore the natural world around them and give simple descriptions, following observation, of changes</p> <p>Name and describe basic features of plants and trees.</p> <p>Represent scientific observations by mark making, drawing or creating simple charts and tables. Offer explanations for why things happen, making use of vocabulary, such as, because, then and next.</p> <p>With support, observe, record and talk about materials and living things.</p> <p>Describe some ways that plants or animals should be cared for in order for them to survive.</p> <p>Describe their immediate environment using knowledge from observation, discussion, stories, nonfiction texts and maps;</p> <p>Explore the natural world around them, making observations and drawing pictures of animals and plants;</p>
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