



Science Curriculum (New September 2025)



	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Year 1	<p>Animals including Humans</p> <p>Children explore the basic needs and characteristics of animals and humans, learning how to care for themselves and other living creatures</p>	<p>Seasonal Changes – Autumn & Winter</p> <p>Pupils observe and describe how the weather and environment change during the autumn and winter months</p>	<p>Everyday Materials</p> <p>Learners investigate a range of everyday materials and describe their properties and uses.</p>	<p>Plants</p> <p>Pupils discover what plants need to grow and how they change over time through observation and simple experiments</p>	<p>Seasonal Changes – Spring & Summer</p> <p>Children continue to observe seasonal differences, focusing on signs of spring and summer in the natural world</p>	<p>Scientists and Inventors</p> <p>Exploring and investigating key inventors and scientists, the fields they worked in and the materials they used</p>
Year 2	<p>Animals including Humans</p> <p>This unit extends understanding of different animal needs and introduces basic human life cycles</p>	<p>Seasonal Changes – Autumn & Winter</p> <p>Pupils observe and describe how the weather and environment change during the autumn and winter months</p>	<p>Plants</p> <p>Pupils build on prior learning to understand plant life cycles, growth requirements and seed dispersal</p>	<p>Everyday use of materials</p> <p>Learners investigate how materials are chosen for specific purposes based on their properties</p>	<p>Biodiversity – Minibeasts</p> <p>Children will learn about the importance of biodiversity and what an ecosystem is. The unit focuses on minibeasts and habitats found in the UK</p>	<p>Scientists and Inventors</p> <p>Exploring and investigating key inventors and scientists, the fields they worked in and the materials they used</p>
Year 3	<p>Rocks</p> <p>Pupils explore different types of rocks, how they are formed and how soils vary in properties</p>	<p>Animals including Humans</p> <p>This unit focuses on nutrition, skeletons and muscles and how they support body function</p>	<p>Forces and Magnets</p> <p>Children investigate forces in action, including pushes and pulls, and learn about magnetic materials</p>	<p>Plants</p> <p>Learners deepen their understanding of plant structures and their role in growth and reproduction</p>	<p>Light</p> <p>Children investigate how light and shadow are created and impact whilst seeing how different surfaces react to light</p>	<p>Scientists and Inventors</p> <p>Exploring and investigating key inventors and scientists, the fields they worked in and the materials they used</p>
Year 4	<p>Plants</p> <p>Learners deepen their understanding of plant structures and their role in growth and reproduction</p>	<p>Animals including Humans</p> <p>Children will expand on their prior learning about how animals, including humans, need to get nutrition from what they eat, focusing on the teeth and digestive systems</p>	<p>Electricity</p> <p>Learners build simple circuits to understand how electricity flows and how to use electrical components safely</p>	<p>States of Matter</p> <p>Children explore solids, liquids and gases and investigate how materials change state</p>	<p>Sound</p> <p>Pupils learn how sounds are made and how they travel, using investigations to compare volume and pitch</p>	<p>Living things and their habitats</p> <p>This unit extends classification skills and explores habitats and environmental changes</p>
Year 5	<p>Forces</p> <p>Children explore how forces, including gravity, act upon objects and affect motion</p>	<p>Earth and Space</p> <p>This unit helps learners understand the Earth's place in space, including day/night and the lunar cycle</p>	<p>Properties and Changes of Materials</p> <p>Pupils investigate the properties of materials and how they can change, including reversible and irreversible changes</p>	<p>Living things and their habitats</p> <p>Learners deepen their understanding of ecosystems, classification and life cycles across species</p>	<p>Animals including humans</p> <p>Pupils build on prior learning to study human development, life cycles and healthy lifestyles</p>	<p>Scientists and Inventors</p> <p>Exploring and investigating key inventors and scientists, the fields they worked in and the materials they used</p>
Year 6	<p>Forces</p> <p>Children explore how forces, including gravity, act upon objects and affect motion</p>	<p>Living things and their habitats</p> <p>Pupils classify organisms more precisely and explore biodiversity within local and global environments</p>	<p>Animals including Humans</p> <p>This unit focuses on body systems, health, diet and lifestyle as factors in human wellbeing</p>	<p>Light</p> <p>Learners investigate the properties of light, how it travels and how we see objects</p>	<p>Electricity</p> <p>Children build on earlier circuits knowledge to explore more complex electrical systems and components</p>	<p>Evolution and Inheritance</p> <p>This unit introduces variation within species, adaptation and how traits are passed from one generation to the next</p>