

Rowdown Science

Curriculum map 2024 -2025

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p>Throughout the Nursery year, children will be working on the Development Matters objectives through taught themes and topics as follows:</p> <p><u>Understanding the World</u> Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things. Explore and talk about different forces they can feel.</p>					
Reception	<p>Throughout the Reception year, children will be continuing to work towards the Development Matters objectives through taught themes and topics as follows:</p> <p><u>Understanding the World</u> Explore the natural world around them. Describe what they see, hear and feel whilst outside. Recognise some environments that are different from the one in which they live. Understand the effect of changing seasons on the natural world around them.</p>					
	<p><u>All About Me</u> Human- Describe and compare themselves/others</p>	<p><u>Out of This World</u> Seasonal changes Autumn to Winter Earth and space Forces Lights</p>	<p><u>Our community</u> Human Materials, including changing materials Local area walk: collecting and discussing natural objects they see/find.</p>	<p><u>Growing and</u> Changing Animals and Humans Plants Planting and observing Life cycle of a butterfly Minibeasts Seasonal changes Spring</p>	<p><u>Once upon a time</u> Materials Observational experiments linked to traditional tales</p>	<p><u>Sealife</u> Seasonal changes Summer Living things and their habitat Animal classification</p>

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Year 1	Seasonal Changes - Autumn Animals including Humans (All about me)	Animals including Humans (All about animals)	Seasonal changes- Winter exploring everyday materials 1	Seasonal changes Spring Everyday materials 2	Plants	Seasonal changes Summer Plants
Year 2	Animals including humans(Growth)	Animals including humans (Life cycles)	Use of everyday materials	Living things and their habitat	Living things and their habitat -habitats around the world	Plants
Year 3	Animals including humans(Nutrition, skeleton, muscles)	Scientific enquiry	Rocks and fossils	Plants	Forces and Magnets	Light
Year 4	States of Matter	Electricity	Sound	Animals including humans (digestive system, teeth, food chain)	Living things and their habitat	Living things and their habitats Conservation
Year 5	Earth and space	Forces	Properties of materials	Changes of materials	Animals including humans(the changes)	Living things and their habitat
Year 6	Evolution and inheritance	Electricity	Animals including humans (main part of circulatory system, heart, blood vessels, lifestyle)	Living things and their habitat	Light	Looking after the environment