

Curriculum Map – Science



The start and end of topics do not need to coincide with school holidays. If you have covered the National Curriculum statements for the topic and the pupils are secure, you should move on to the next topic. The topics that are spread across the year are taught outside throughout the year.

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery/ Reception	'Understanding the World' The teaching of science is ongoing in Nursery and Reception through both a planned approach, around books and discussion, and more spontaneous 'in the moment' opportunities in play. This includes guiding the children to make sense of their physical world and community and their knowledge and sense of the world around them. The world: children know about similarities and differences in relation to places. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes across the four seasons.					
Reception	Plants and animals in the environment Seasonal changes					
	changing states of matter - making playdough / sponge cake	Animals - nocturnal	changing states of matter - freezing Animals - Arctic, Antarctic The Solar System	planting and observing seeds		changing states of matter - heating Animals - Savannah
Year 1	Plants Animals, including humans Seasonal changes					
	Everyday materials	Animals, including humans (parts of the human body statements)	Everyday materials	Animals, including humans (animal statements)	Everyday materials	Plants Seasonal changes

Equality



Responsibility



Enjoyment



Aspiration



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Year 2	Living things and their habitats Plants (growing seeds and bulbs outside)					
	Plants (planning for growing seeds and bulbs outside)	Uses of everyday materials (properties and uses of materials statement)	Animals, including humans (basic needs and keeping healthy statements)	Uses of everyday materials (changing shapes of materials statement) Animals including humans (offspring statement)	Living things and their habitats	Living things and their habitats
	Living things and their habitats					Plants (harvesting and cooking)
Year 3	Plants (gathering evidence of life cycles)					
	Animals, including humans	Rocks	Forces and magnets		Plants (parts and their functions and investigating growth statements)	Light Plants (life cycles statement)
Year 4	Living things and their habitats (naming and identifying living things in the local environment)					
	Living things and their habitats	Animals, including humans	States of matter	Sound	Electricity	

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Year 5	Properties and changes of materials (properties of materials statements)	Properties and changes of materials (changes of materials statements)	Forces	Earth and Space	Living things and their habitats (life cycle and reproduction of plants statements) Living things and their habitats (life cycle and reproduction of animals statements)	Animals, including humans
Year 6	Electricity	Living things and their habitats	Animals, including humans	Evolution and inheritance		Light

Equality



Responsibility



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Aspiration

