

Science Overview

Key Stage 1 (Garden Class)

Lower Key Stage 2 (Years 3 and 4) learning builds on KS1 learning and Upper Key Stage 2 (Years 5 and 6) learning develops a deeper understanding of scientific ideas.

	Year A	Year B	Year C
Autumn 1	Animals, including humans	Animals, including humans	Animals, including humans
Autumn 2			
Spring 3	Living things and their habitats	Living things and their habitats	Living things and their habitats
Spring 4			
Summer 5	Everyday materials and uses of materials	Everyday materials and uses of materials	Everyday materials and uses of materials
Summer 6	Plants	Plants	Plants

Children study the seasons through daily and weekly observations of the weather and changes in the natural environment around them.

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Key Stage 2 (Meadow Class)

		Year A	Year B	Year C	Year D
Autumn 1	Y3/4	Rocks and Fossils	Forces and Magnets	Rocks and Fossils	Forces and Magnets
	Y5/6	Evolution and Inheritance Research the work of a famous scientist – Charles Darwin	Forces (gravity, water resistance air resistance, levers and pulleys)	Evolution and Inheritance Research the work of a famous scientist – Charles Darwin	Forces (gravity, water resistance air resistance, levers and pulleys)
Autumn 2	Y3/4	Light	Animals including humans, (nutrition, digestive system, teeth, food chains)	Light	Animals including humans, (nutrition, digestive system, teeth, food chains)
	Y5/6	Light	Animals, including Humans (human development birth to old age, diet, exercise, drugs and lifestyle)	Light	Animals, including Humans (human development birth to old age, diet, exercise, drugs and lifestyle)
Spring 3	Y3/4	Sound	States of matter	Sound	States of Matter
	Y5/6	Earth and Space	Properties and changes of materials	Earth and Space	Properties and changes of Materials
Spring 4	Y3/4	Plants	States of Matter	Plants	States of Matter
	Y5/6	Earth and Space	Properties and Changes of Materials	Earth and Space	Properties and Changes of Materials
Summer 5	Y3/4	Living Things and Their Habitats	Electricity	Living Things and their Habitats	Electricity

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		(classification, vertebrates, invertebrates, environmental dangers and endangered animals)		(classification, vertebrates, invertebrates, environmental dangers and endangered animals)	
	Y5/6	Living Things and Their Habitats (sexual and asexual reproduction, pollination, lifecycles) Research famous naturalist – Jane Goodall	Electricity	Living Things and their Habitats (sexual and asexual reproduction, pollination, lifecycles) Research famous naturalist – Jane Goodall	Electricity
Summer 6	Y3/4	Animals, Including Humans (Food Chains, grouping, classifying, changing environments))	Animals, including humans (Muscles and bones)	Animals, Including Humans (Food Chains, grouping, classifying, changing environments)	Animals, including humans (Muscles and bones)
	Y5/6	Living Things and their Habitats (Grouping, Classification)	Animals including Humans (Circulatory system)	Living Things and their Habitats (Grouping, Classification)	Animals including Humans (Circulatory system)