

SCIENCE LONG TERM PLAN

KS1 & KS2 ANNUAL OVERVIEW: 2022-2023



Scientific disciplines:	Physics	Chemistry	Biology
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Animals including humans		Seasonal changes	Plants	Materials	
	Animals including humans: about me DE: 6 lessons	Animals including humans: about animals DE: 6 lessons	Seasonal changes DE: 6 lessons	Introduction to plants DE: 6 lessons	Uses of everyday materials (1) DE: 6 lessons	Exploring everyday materials (2) DE: 6 lessons
Year 2	Materials	Living things and their habitats		Plants	Animals including humans	
	Everyday materials DE: 6 lessons	Habitats from around the world DE: 7 lessons	Living things and their habitats DE: 6 lessons	Plants: growth and care DE: 6 lessons	Animals including humans: growth DE: 7 lessons	All about diet and health DE: 6 lessons

Key Stage 1 – Working Scientifically: Opportunities for working scientifically should be provided across years 1 and 2 so that the expectations in the programme of study can be met by the end of year 2. Pupils are not expected to cover each aspect for every area of study.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Rocks	Light	Forces and Magnets	Animals, including humans	Plants	Plants
	Rocks DE: 6 lessons	Light DE: 6 lessons	Forces and Magnets DE: 6 lessons	Animals, including humans – what makes us DE: 6 lessons	Exploring the world of plants DE: 6 lessons	Plants - life cycles DE: 6 lessons
Year 4	Electricity	Sound	States of matter	Animals, including humans	Living things and their habitats	
	Electricity DE: 6 lessons	Sound DE: 6 lessons	States of matter DE: 6 lessons	Food and digestion DE: 6 lessons	Classifying living things and their habitats DE: 6 lessons	Nature and the Environment DE: 6 lessons

Year 3 & 4 – Working Scientifically: Opportunities for working scientifically should be provided across years 3 and 4 so that the expectations in the programme of study can be met by the end of year 4. Pupils are not expected to cover each aspect for every area of study.

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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	Living things and their habitats	Forces	Properties and changes of materials		Earth and Space	Animals, including humans
	Studying Living Things DE: 6 lessons	Forces DE: 6 lessons	Properties of materials DE: 6 lessons	Changes of materials DE: 6 lessons	Earth and space DE: 6 lessons	Explore life cycles DE: 6 lessons
Year 6	Evolution and Inheritance	Electricity	Light	Living things and their habitats	Animals, including humans: Blood circulation and staying healthy	
	Evolution and Inheritance DE: 6 lessons	Electricity DE: 6 lessons	Light DE: 6 lessons	Living things and their habitats DE: 6 lessons	Blood and transportation DE: 6 lessons	The heart and health DE: 6 lessons

Year 5 & 6 – Working Scientifically: Opportunities for working scientifically should be provided across years 5 and 6 so that the expectations in the programme of study can be met by the end of year 6. Pupils are not expected to cover each aspect for every area of study.