

Science Long-Term Sequence

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Substantive Concepts: <ul style="list-style-type: none"> ○ Biology ○ Physics ○ Chemistry 	Thinking as a Scientist - Disciplinary Knowledge KS1: <ul style="list-style-type: none"> • Asking simple questions • Observing closely, using simple equipment • Performing simple tests • Identifying and classifying • Using their observations and ideas to suggest answers to questions • Gathering and recording data to help in answering questions 		Disciplinary Knowledge KS2: <ul style="list-style-type: none"> • Ask relevant questions • Set up enquiries, comparative and fair tests • Make accurate measurements using a range of equipment • Gather, record, classify and present data in a variety of ways • Record findings • Report on findings • Use results to draw simple conclusions • Identify differences, similarities or changes
	Autumn	Spring	Summer
Year 1	Seasonal changes and daily weather Introduce Plants including trees Introduce Animals, including Humans	Introduce Everyday materials Animals, including humans: Classification	Plants
Year 2	Introduce Living things and their habitats Animals, including humans: Characteristics	Uses of everyday materials	Plants: Characteristics Introduce Living things and their habitats
Year 3	Introduce Rocks Animals, including humans: Nutrition and skeletons	Forces and magnets Plants: Functions of parts	Light
Year 4	Living things and their habitats: Classification States of matter	Animals, including humans: Digestive system and Food chains	Electricity Sound