

Science Whole School Overview

		Autumn		Spring		Summer	
Rec	Unit	All About Me Senses – Environment - Seasons	Colourful Celebrations Seasons – changing states of matter	Wonderful Woodlands Seasons – changing states of matter – different materials – natural processes	Tremendous Travel – Seasons – natural processes - environments	Glorious Growing – parts of a plant – growing – changing states of matter – Life cycle of animals	Plant Protectors – environmental – seasons – changing states of matter
	Prior		Autumn 1 Seasons	Autumn 2 Seasons Changing States of Matter	Spring 1 Seasons Natural Process	Spring 1 Changing states of Matter	Spring 2 Seasons Summer 1 Changing States of Matter
	Future	Seasonal Changes KS1 cycle B	Seasonal Changes KS1 cycle B <i>States of matter</i> (4) LKS2 Cycle A	Everyday Materials KS1 cycle A	Seasonal Changes KS1 cycle B <i>States of matter</i> (4) LKS2 Cycle A	Seasonal Changes KS1 cycle B <i>States of matter</i> (4) LKS2 Cycle A	Working Scientifically – the environment KS1 Cycle A
KS1 Cycle A	Unit	Plants (1)	Everyday Materials (1)	Working Scientifically – the environment	Everyday Materials (2)	Plants (2)	Scientists & Inventors
	Prior	Reception Summer 1 Parts of a Plant Growing	Reception Spring 1 Different Materials	Reception Exploring the natural world.	KS1 Cycle A Everyday Materials	KS1 Autumn 1 Plants	Building on prior learning from the year. Linking scientists and inventors to the curriculum taught.
	Future	KS1 Cycle A Plants (2)	LKS2 Cycle A States of Matter	LKS2 cycle B Plants How water moves in a plant <b>Also see road map</b>	LKS2 Cycle A States of Matter	LKS3 Cycle B Plants (3)	LKS2 Summer 2 Scientists and Inventors
KS1 Cycle B	Unit	Animals including humans (1)	Seasonal Changes (Autumn/Winter) (1)	Animals including humans (2)	Seasonal Changes (Spring/Summer) (1)	Living Things and their Habitats (2)	Scientists and Inventors
	Prior	Reception Summer 1 and 2 Life cycle of animals Name different species/creatures that live under the sea.	Reception – Seasons	KS1 Cycle B Animals including humans (1)	KS1 Cycle B Seasonal changes (1)	Reception Summer 1 Life Cycle of Animals	Building on prior learning from the year. Linking scientists and inventors to the curriculum taught.
	Future	KS1 Cycle B Animals including Humans (2)	KS1 Cycle B Seasonal changes (Spring/Summer (1)	LKS2 Cycle A Living Things and their Habitats (3)	<b>Scientist and Inventors – Measuring the Weather</b>	LKS2 Cycle B Living Things and their Habitats	LKS2 Summer 2 Scientists and Inventors
LKS2 Cycle A	Unit	States of matter (4)	Forces and Magnets (3)	Animals including humans (3)	Sound (4)	Animals including humans (4)	Scientists and Inventors
	Prior	KS1 Cycle A Everyday Materials	Reception Observe and interact with natural processes	KS1 Cycle B Animals Including Humans	Reception Senses	LKS2 Cycle A Animals Including Humans (3)	Building on prior learning from the year. Linking scientists and inventors to the curriculum taught.

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	Future	UKS2 Cycle A Properties and Changes of Matter	UKS2 Cycle B Earth and Space	LKS2 Cycle A Animals Including Humans (4)	Scientists and Inventors (4) Alexander Graham Bell	UKS2 Cycle A Animals Including Humans (5)	UKS2 Summer 2 Scientists and Inventors
LKS2 Cycle B	Unit	Electricity (4)	Rocks (3)	Light (3)	Plants (3)	Living Things and their Habitats (4)	Scientists and Inventors
	Prior	KS1 Scientists and Inventors - Wind power and renewable energy		Reception/ KS1 Seasons Reception Senses	LKS2 Cycle B Living Things and their Habitats	KS1 Cycle A Plants	Building on prior learning from the year. Linking scientists and inventors to the curriculum taught.
	Future	UKS2 Cycle B Electricity	UKS2 Cycle B Scientists and Inventors Fossils	UKS2 Cycle B Light	UKS2 Cycle B Living things and their habitats	UKS2 Cycle A Living things and their habitats	UKS2 Summer 2 Scientists and Inventors
UKS2 Cycle A	Unit	Animals including Humans (5)	Living things and their habitats (5)	Animals including humans (6)	Living things and their habitats (6)	Scientists & Inventors	Evolution (6)
	Prior	LKS2 Cycle A Animals including humans	LKS2 Cycle B Living things and their habitats	UKS2 Cycle A Animals including Humans (5)	UKS2 Cycle A Living things and their Habitats	Building on prior learning from the year. Linking scientists and inventors to the curriculum taught.	Animals including Humans (5/6) Living Things and Their Habitats (5/6)
	Future	UKS2 Cycle A Animals including Humans (6)	Scientists and Inventors	UKS2 Cycle A Living things and their Habitats (6)	UKS2 Cycle A Living things and their Habitats	UKS2 Cycle A Evolution	
UKS2 Cycle B	Unit	Forces (5)	Earth and Space (5)	Properties and changes of matter Working scientifically – data analysis (5)	Light (6)	Scientists & Inventors	Electricity (6)
	Prior	LKS2 Cycle A Forces and Magnets	Forces and gravity	LKS2 Cycle A States of Matter	LKS2 Cycle B Light	Building on prior learning from the year. Linking scientists and inventors to the curriculum taught.	LKS2 Cycle B Electricity
	Future	UKS2 Cycle B Earth and Space (Gravity)	Scientists and Inventors	UKS2 Cycle B Electricity	UKS2 Summer 1 Scientists and Inventors		