



Long term planning (LTP)

Science

Key Stage	Pathway Class Group	Cycle Rotation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Stage 2 Oak		A	Animals and Teeth	Sound	Lifecycles	Scientists and Inventors	Electricity	Gases, Liquids and Solids
Key Stage 2 Oak		B	Animals and Healthy Eating	Rocks	Scientists and Inventors – Caxton and Bell	Materials	Electricity	Plants
Key Stage 2 Willow		A	Animals and Nutrition	Rocks	Light	Forces	Scientists and Inventors	Plants
Key Stage 2 Willow		B	Animals and Teeth	Electricity	Scientists and Inventors – Mary Anning	Plants	Magnets	Minibeast Microdiversity
Key Stage 2 Rowan		A	Being Healthy	Everyday Materials	Plants	Scientists and Inventors	Environment	Habitats
Key Stage 2 Rowan		B	Materials	Lifecycles	Scientists and Inventors – Louis Braille	Senses	Weather and environment	Plants
Key Stage 2 Maple		A	Animals and Humans	Habitats	Everyday Materials	Plants	Scientists and Inventors	Seasonal Changes
Key Stage 2 Maple		B	Plants	Materials	Scientists and Inventors – Florence Nightingale	All about animals	Habitats	Minibeast biodiversity



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Key Stage 3	Year 7/8 Mixed	B	Science method and safety review	Properties of materials	Earth and space	Light and sound	Electricity and magnetism	Ecology and environment
Key Stage 3	Year 7/8 Mixed	A	Introduction to health and safety	Introduction to forces	The human body	Chemical changes	Energy and resources	Living things
Key Stage 3	Year 9		Safety in science	Materials investigation	Forces and motion	Plants and living things	The human body	Light and sound investigations
Key Stage 4	E1-3 WJC Year 10/11 B	B	Science and the universe	Making useful compounds	Human body	Working with electrical circuits	Variation and adaptation Missed unit catch up.	
Key Stage 4	E1-3 WJC Year 10/11 A	A	Health and safety	Intro to animal care	The science of light and sound	Chemical products in the home	Energy in the home and workplace	Science and the plant world
Key Stage 4	Year 10/11 B	B	First half term: Showing an awareness of light and shadows (WTE1) Second half term: Plant identification: introduction (E1)		First half term: Recognising different textures (E1) Second half term: Energy in the home and workplace (E1) ASDAN		First half term: Space and the solar system (WTE1) Second half term: Soil identification and planting (WTE1) ASDAN	



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			ASDAN Lifeskills unit Challenge ref: 1678 and Challenge ref: 3227 Assessment method of witness statements and student work		Lifeskills unit Challenge ref 4797 and 5474 Assessment method of witness statements and student work		Lifeskills unit Challenge ref 4203 and 3200 Assessment method of witness statements and student work	
Key Stage 4	Year 10/11 A	A	<p><u>First half term:</u> Push Pull and twist (WTE1)</p> <p><u>Second half term:</u> Introduction to solid, Liquid and gas (E1)</p> <p>ASDAN Lifeskills unit Challenge ref 4967 and 5023</p> <p>Assessment method of witness statements and student work</p>		<p><u>First half term:</u> Exploring forces - a sensory approach (WTE1)</p> <p><u>Second half term:</u> Science and the Human body (E1) ASDAN Lifeskills unit Challenge ref 4968 and 5551</p> <p>Assessment method of witness statements and student work</p>		<p>First half term: Using electrical objects safely (WTE1) Second half term: Making a bug hotel and minibeasts (WTE1) ASDAN Lifeskills unit Challenge ref 5521 and 4626 Assessment method of witness statements and student work</p>	