



Science Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Plants Animals, including humans Living things and their habitats Seasons Materials Light Space					
Year 1	Seasonal Changes	Everyday Materials	Sensitive Bodies	Comparing Animals	Introduction to Plants	Investigating Science Through Stories
Year 2	Habitats	Micro-habitats	Use of Everyday Materials	Life Cycles and Health	Plant Growth	Plant-based Materials
Year 3	Movement and Nutrition	Forces and Magnets	Rocks and Soils	Light and Shadows	Plant Reproduction	Does Hand Span Effect Grip Strength?
Year 4	Digestion and Food	Electricity and Circuits	States of Matter	Sound and Vibrations	Classifications and Changing Habitats	How Does the Flow of Liquids Compare?
Year 5	Mixtures and Separation	Properties and Changes	Earth and Space	Life Cycles and Reproduction	Unbalanced Forces	Human Timeline
						Does the Size of an Asteroid Affect its Impact Strength?
Year 6	Classifying Big and Small	Light and Reflection	Evolution and Inheritance	Circuits, Batteries and Switches	Circulation and Health	Are Some Sunglasses Safer than Others?
Year 7	Lab Safety & How Science Works Matter: The Particle Model Organisms: Cells	Forces: Speed Matter: Separating mixtures Organisms: Movement	Waves: Light Waves: Sound Earth: Universe	Genes: Variation and Classification Reactions: Acids and Alkalis Energy: Energy Costs	Energy: Energy transfers Genes and variation: Human reproduction	Earth: The Earth's structure Ecosystems: Plant reproduction

Year 8		Organisms: Digestion Matter: The periodic table Forces: Gravity	Reactions: Metals and non-metals Ecosystems: Photosynthesis Matter: Elements	Energy: Heating and cooling Reactions: Type of chemical reactions	Organisms: Breathing and respiration Earth: Climate	Ecosystems: Interdependence Electromagnets: Voltage, resistance and current Electromagnets: Electricity in the Home			Earth: Earths resources Waves: Properties and effects		
Year 9		Waves: Property of waves Reactions: Chemical energy	Organisms: Microbes, disease, and the immune system Forces: Contact forces Energy: Work	Forces: Pressure Genes: Evolution and inheritance	Electromagnets: Magnets and electromagnets Maths in Science	Biology: Cell Biology Chemistry: Atomic structure and the periodic table Physics: Energy					
Year 10	B	Organisation	Infection and response	Bioenergetics	Ecology	Ecology			Homeostasis and response		
	C	Bonding, structure, and properties of matter	Chemical changes	Chemical and energy changes	Energy changes	Quantitative Chemistry			The rate and extent of chemical change		
	P	Particle model of matter	Atomic structure	Electricity	Electricity	Forces			Forces		
Year 11	B	Homeostasis and response	Inheritance, variation, and evolution	Inheritance, variation, and evolution	Revision for GCSE examinations						
	C	The rate and extent of chemical change	Organic chemistry and chemical analysis	Chemistry of the atmosphere and using resources	Revision for GCSE examinations						
	P	Motion	Waves	Magnetism and electromagnetism <i>Space (Separate Science only)</i>	Revision for GCSE examinations						