

Implementation – Content



Article 13: Your right to have information.

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Nursery	What do I like in my environment?	How did we do that? What are senses? (Cause and effect / Exploring natural materials)		How can things help us? (Properties of materials)	How can we look after plants? How can we care for animals? (Planting and growing cycles / life cycle of caterpillars)	
Reception	What can happen in different seasons? (Observational changes and norms)		What makes the Earth special? (Observational changes of seasons/space/oceans)		How do plants and animals grow and change? (Life cycles)	What are healthy choices?
Year 1	What are plants? What happens when seasons change?		What materials are objects made from?		What are animals?	
Year 2	How do plants grow?	How are plants and animals suited to their habitats?	What can different materials be used for?		What do animals need to survive?	
Year 3	How are rocks the same and different?		What are forces?	What effect does light have on its surroundings?	How do plants function?	What enables animals to move? How do animals get nutrients from food?
Year 4	How do states of matter change?		What does vibration have to do with sound?	How does an electrical circuit work?	What is a food chain? How do environmental changes impact living things?	
Year 5	Can changes of state be reversed?		What effect do forces have on an object?	How does the Earth move through space?	How do plants and animals reproduce?	How do human bodies change with age?
Year 6	How does light travel?	How do components of an electrical circuit function?	Why are animals classified into groups?	How have plants and animals evolved over time?	What is happening inside the human body?	
Year 7	Introduction to Science, Cells	Particle Theory, Forces	Body Systems, Elements, Compounds and Mixtures (start)	Elements, Compounds and Mixtures (finish), Chemical Reactions	Sound Reproduction	Reproduction
Year 8	The Periodic Table	Health and Lifestyle, Chemical Reactions	Electricity and Magnetism	Adaptation and Inheritance, Metals, Acids and Alkalis	Energy	Light
Year 9	KS3- Separation Techniques	KS3- Ecosystems and Natural Processes	KS3- Earth and Space	GCSE- C1 Atomic Structure and Periodic Table	GCSE- B1 Cell Biology	GCSE- P1 Energy
Year 10	Biology: Cell Structure Chemistry: Atomic structure and the periodic table Physics: Energy	Biology: Organisation Chemistry: Bonding, structure and the properties of matter Physics: Electricity	Biology: Infection and Response Chemistry: Quantitative chemistry Physics: Particle model of matter	Biology B4- Bioenergetics Chemistry C4- Chemical changes Physics- P4 Atomic structure	Chemistry- C5- Energy changes	
Year 11	Biology B5- Homeostasis and Response Chemistry C6- The rate and extent of chemical change Physics P5- Forces	Biology- B6- Inheritance, variation and evolution Chemistry C7- Organic chemistry Physics P6- Waves	Biology- B7- Ecology Chemistry C8- Chemical analysis Physics P7- Magnetism and electromagnetism	Chemistry: Chemistry of the atmosphere Physics: Space	Chemistry: Using resources	
Year 12 Biology	Foundations in biology		Exchange and transport		Biodiversity, evolution and disease	
Year 13 Biology	Communication, homeostasis and energy			Genetics, evolution and ecosystems		
Year 12 Chemistry	Physical Chemistry			Inorganic Chemistry		
Year 13 Chemistry	Inorganic Chemistry			Organic Chemistry		
Year 12 Physics	Measurements and their errors	Particles and Radiation	Waves	Mechanics and Materials	Electricity	
Year 13 Physics	Further mechanisms and thermal physics		Fields and their consequences	Nuclear Physics	Turning points in Physics	