

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 7	Welcome to Science Particles and their behaviour Forces	Cells Elements, atoms and compounds Sound	Structure and function of body systems Chemical reactions	Light Reproduction	Catch-up Revision and assessment preparation	Investigational skills
Year 8	Health and lifestyle The Periodic table	Electricity and magnetism Ecosystem processes	Separation techniques Energy	Adaptation and inheritance The Earth	Re-teach : QWC questions Revision and assessment preparation	Motion and pressure Metals and acids
Year 9	Biomimicry	Biomimicry End of Key Stage 3 assessment	GCSE work begins: Ecology Atomic structure Conservation of energy	Ecology Atomic structure Energy	Cells Transport across cells Atomic structure Energy transfer	Organisation Chemical analysis Energy resources
Year 10						
Year 11						
Year 12 Biology	Basic components of living things Biological molecules	Enzymes Plasma membranes	Transport in animals Transport in plants	Biodiversity	Communicable diseases	Neuronal communication



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		Cell division Exchange surfaces and breathing	Classification and evolution			
Year 12 Chemistry	Atoms, ions and compounds Electrons and bonding Shapes of molecules and intermolecular forces	Amount of substance Acids and redox Basic compounds of organic chemistry	Periodicity Alkanes, Alkenes	Reactivity trends Alcohols Haloalkanes	Enthalpy Organic synthesis	Reaction rates and equilibrium Spectroscopy
Year 12 Physics	Measurements and their errors Electricity	Particles and Radiation	Waves	Mechanics	Energy	Further Mechanics Fields
Year 13 Biology	Reaction rates and equilibrium Aromatic chemistry	Acids, bases and pH Buffers and neutralisation Carbonyls and carboxylic acids	Enthalpy and entropy Redox and electrode potentials Amines, amino acids and proteins	Transition elements Organic synthesis Chromatography and spectroscopy	Revision	Revision
Year 13 Chemistry	Neuronal communication Hormonal communication	Plant responses Photosynthesis Respiration	Genetics of living things Patterns of inheritance and variation	Cloning and biotechnology Ecosystems	Revision	Revision



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	Homeostasis		Manipulating genomes	Populations and sustainability		
Year 13 Physics	Further Mechanics Fields	Thermal physics	Nuclear physics	Astrophysics	Revision	Revision