

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	B1.1 Cells C1.1 Particles	P1.1 Contact Forces B1.2 Reproduction	C1.2 Elements, Atoms and Compounds P1.2 Gravity	B1.3 Interdependence	P1.3 Energy Transfers C1.3 Mixtures	P1.4 Electric Circuits: Current and Voltage
Year 8	B2.1 Tissues and Organs C2.1 Acids and Alkalis	P2.1 Movement and Pressure B2.2 Respiration and Photosynthesis	C2.2 Changing Substances P2.2 Magnetism	B2.3 Life Diversity C2.3 Earth Systems	P2.3 Electric Circuits: Resistance B2.4 Nutrition	P2.4 Light
Year 9	B3.1 Growth and Differentiation C3.1 The Periodic Table	P3.1 Acceleration	B3.2 Human Interaction C3.2 Introduction to Quantitative Chemistry	P3.2 Heating B3.3 Genetics	P3.3 Sound and Waves C3.3 Using Resources	P3.4 Home Electricity
Year 10	<ul style="list-style-type: none"> Organ Systems Structure and Bonding 	<ul style="list-style-type: none"> Movement Plant and Material Cycling 	<ul style="list-style-type: none"> Extraction of metals Energy Conservation 	<ul style="list-style-type: none"> Chemical Analysis Electric circuits and energy 	<ul style="list-style-type: none"> Health and disease Radioactivity 	<ul style="list-style-type: none"> Carbon Chemistry Evolution
Year 11	<ul style="list-style-type: none"> Feedback and Control Quantitative Chemistry E. M. Radiation 	<ul style="list-style-type: none"> Controlling Reproduction Controlling Reactions Force Fields 	<ul style="list-style-type: none"> Controlling Nature Our Atmosphere 			
Year 12*	See Below					
Year 13*						

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 12 Physics	<ul style="list-style-type: none"> Mechanics and materials 	<ul style="list-style-type: none"> Electricity 	<ul style="list-style-type: none"> Waves 	<ul style="list-style-type: none"> Measurements and their errors 	<ul style="list-style-type: none"> Particles and radiation 	<ul style="list-style-type: none"> Revision and review
Year 13 Physics	<ul style="list-style-type: none"> Further mechanics and thermal physics 	<ul style="list-style-type: none"> Fields and their consequences 	<ul style="list-style-type: none"> Nuclear physics 	<ul style="list-style-type: none"> Revision and review 	<ul style="list-style-type: none"> Revision and review 	<ul style="list-style-type: none"> A Level Exams
Year 12 Chemistry	<ul style="list-style-type: none"> Periodicity Atomic structure Amount of substance Bonding 	<ul style="list-style-type: none"> Oxidation reduction and redox equations Group 2, the alkaline earth metals Group 7 	<ul style="list-style-type: none"> Organic chemistry Alkanes Halogenoalkanes 	<ul style="list-style-type: none"> Alkenes Energetics Kinetics 	<ul style="list-style-type: none"> Alcohols Organic analysis Chemical equilibria and le Chatlier's principle 	<ul style="list-style-type: none"> Thermodynamics Rate equations Equilibrium constant
Year 13 Chemistry	<ul style="list-style-type: none"> Acids and bases Optical isomerism Aldehydes and ketones Carboxylic acids and derivatives 	<ul style="list-style-type: none"> Aromatic chemistry Amines Polymers Amino acids proteins and DNA Electrode potentials 	<ul style="list-style-type: none"> Transition metals Reactions of ions Properties of period 3 Nuclear magnetic resonance 	<ul style="list-style-type: none"> Chromatography Organic synthesis Revision and review 	<ul style="list-style-type: none"> Revision and review 	<ul style="list-style-type: none"> A Level Exams
Year 12 Biology	<ul style="list-style-type: none"> Biological molecules Nucleic acids 	<ul style="list-style-type: none"> Cells Transport across cell membranes 	<ul style="list-style-type: none"> Cell recognition and the 	<ul style="list-style-type: none"> Genetic information variation and relationships 	<ul style="list-style-type: none"> Biodiversity Energy transfers in 	<ul style="list-style-type: none"> Revision and review

			immune system <ul style="list-style-type: none"> Organisms exchange substances with their environment 	between organisms <ul style="list-style-type: none"> 	and between organisms <ul style="list-style-type: none"> 	
Year 13 Biology	<ul style="list-style-type: none"> Organisms respond to changes in their internal and external environments 	<ul style="list-style-type: none"> Genetics populations, evolution and ecosystems 	<ul style="list-style-type: none"> The control of gene expression 	<ul style="list-style-type: none"> Revision and review 	<ul style="list-style-type: none"> Revision and review 	<ul style="list-style-type: none"> A Level Exams
Year 13 Biology	<ul style="list-style-type: none"> Organisms respond to changes in their internal and external environments 	<ul style="list-style-type: none"> Genetics populations, evolution and ecosystems 	<ul style="list-style-type: none"> The control of gene expression 	<ul style="list-style-type: none"> Revision and review 	<ul style="list-style-type: none"> A Level Exams 	