

		Biology		Chemistry		Physics	
		Year 12	Year 13	Year 12	Year 13	Year 12	Year 13
Autumn	<p>Module 1 - Practical skills</p> <p>Module 2 Cell structure Biological molecules Nucleic acids Enzymes Biological membranes Cell division, diversity and differentiation</p>	<p>Module 1 - Practical skills</p> <p>Module 5 Communication and homeostasis Excretion Neural communication Hormonal communication Plant and animal responses Photosynthesis Respiration</p>	<p>Module 1 - Practical skills</p> <p>Module 2 Atoms and reactions Electrons, Bonding and Structure</p>	<p>Module 1 - Practical skills</p> <p>Module 6 Aromatic compounds, Carbonyls and acids Nitrogen compounds, Polymers and Synthesis Analysis</p>	<p>Module 1 - Practical skills</p> <p>Module 2 Physical quantities, units and measurements Nature of quantities</p> <p>Module 3 Motion Forces in motion Work, energy and power</p>	<p>Module 1 - Practical skills</p> <p>Module 5 Thermal physics Circular motion Oscillations Gravitational fields Astrophysics and cosmology</p>	
	<p>Module 1 - Practical skills</p> <p>Module 3 Exchange surfaces and breathing Transport in animals Transport in plants</p> <p>Module 4 Communicable disease Biodiversity Classification and evolution</p>	<p>Module 1 - Scientific skills</p> <p>Module 6 Cellular control Patterns of inheritance Manipulating genomes Cloning & biotechnology Ecosystems Populations and sustainability</p>	<p>Module 1 - Practical skills</p> <p>Module 3 The Periodic table Physical chemistry</p>	<p>Module 1 - Practical skills</p> <p>Module 5 Rates, Equilibrium and pH Energy</p>	<p>Module 1 - Practical skills</p> <p>Module 3 (continued) Materials Newton's laws of motion</p> <p>Module 4 Electricity: charge and current Electricity: energy, power and resistance Electricity: electrical current</p>	<p>Module 1 - Practical skills</p> <p>Module 6 Capacitors Electrical Fields Electromagnetism Nuclear and particle physics Medical Imaging</p>	
	<p>Module 1 - Practical skills</p> <p>Module 4 (continued) Communicable disease Biodiversity Classification and evolution</p>	<p>Module 1 - Practical skills</p> <p>Module 6 (continued) Cellular control Patterns of inheritance Manipulating genomes Cloning & biotechnology Ecosystems Populations and sustainability</p> <p>Final revision and Preparation</p>	<p>Module 1 - Practical skills</p> <p>Module 4 Basic concepts and hydrocarbons Alcohols, Haloalkanes and Analysis</p>	<p>Module 1 - Practical skills</p> <p>Module 5 (continued) Transition metals</p> <p>Final revision and preparation</p>	<p>Module 1 - Practical skills</p> <p>Module 4 (continued) Electricity: charge and current Electricity: energy, power and resistance Electricity: electrical current</p>	<p>Module 1 - Practical skills</p> <p>Final revision and preparation</p>	
Summer							