

Exam board: Edexcel Combined Science			
	Year 9	Year 10	Year 11
Autumn term	<p>Biology (paper one)</p> <ul style="list-style-type: none"> Topics: cells, enzymes and transporting substances. Mitosis and growth. Inheritance and natural selection. Health, lifestyle and disease 	<p>Chemistry and Biology paper two</p> <ul style="list-style-type: none"> Chemistry topics: groups on the periodic table, rates of reaction, combustion and the Earth's atmosphere. Biology Topics: Plant processes, hormones, exchange and transport systems in humans. 	<p>Chemistry, Biology and Physics paper one topics</p> <ul style="list-style-type: none"> Chemistry: Atoms and bonding, Electrolysis and reactivity of metals, states of matter and separation techniques Biology: Cells, enzymes and transport of substances. Inheritance and evolution, lifestyle and disease Physics: Newton's laws, speed and forces, energy stores, waves and radiation
Spring term	<p>Chemistry & Physics Paper one</p> <ul style="list-style-type: none"> Chemistry topics: Periodic table, bonding and molecules, balancing equations. Physics Topics: Newtons laws, speed and forces. 	<p>Biology and Physics paper two</p> <ul style="list-style-type: none"> Biology: Ecosystems and abiotic systems. Physics: Electricity, magnetism, the particle model, heat and temperature. 	<p>Physics, Biology and chemistry paper two</p> <ul style="list-style-type: none"> Chemistry: groups on the periodic table, rates of reaction, combustion and the Earth's atmosphere. Biology, transport and exchange in animals and plants, hormones, ecosystems and abiotic cycles. Physics: Electricity, magnetism, the particle model, heat and temperature.
Summer term	<p>Physics and chemistry paper one</p> <ul style="list-style-type: none"> Physics topics: Energy stores, waves and radiation Chemistry topics: states of matter and separation techniques 	<p>Preparation for end of year assessment and consolidation of work to date.</p>	<p>Preparation for GCSE exams</p>
Assessment	<ul style="list-style-type: none"> Class based topic assessments each half term. End of year assessment based upon combined science paper ones. 	<ul style="list-style-type: none"> Class based topic assessments each half term. End of year assessment: Chemistry, Biology and Physics paper two Mock GCSE exams. 	<ul style="list-style-type: none"> Internal mock exams and class based assessments across the year. Six GCSE combined science exams sat in May/June and externally examined.