

Curriculum Long Term Planning Overview	Key Stage 4	Subject Area: Combined Science	Academic Year: 2018-19
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Year	Study Modules	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Year 9	Study Modules	Biology Key concepts in biology Chemistry States of matter Physics Motion	Biology Key concepts in biology Chemistry States of matter Atomic structure Physics Forces and motion	Biology Key concepts in biology Chemistry Atomic structure The Periodic Table Physics Forces and motion	Biology Cells and control Chemistry Bonding Physics Conservation of energy	Biology Cells and control Chemistry Bonding Physics Conservation of energy	Revision
	Assessment	Progress tests	Progress tests In class assessment	Progress tests	Progress tests In class assessment	Progress tests	End of year exams

Year	Study Modules	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Year 10	Study Modules	<p>Chemistry Atomic structure The Periodic Table Ionic bonding</p> <p>Physics Forces and motion</p>	<p>Biology Genetics Cells and control Natural selection and modification</p> <p>Chemistry Acids and alkalis</p>	<p>Biology Natural selection and genetic modification</p> <p>Chemistry Acids and alkalis</p> <p>Physics Waves Light and the electromagnetic spectrum</p>	<p>Biology Health, disease and the development of medicines</p> <p>Chemistry Calculations involving masses Electrolytic processes</p> <p>Physics Radioactivity</p>	<p>Chemistry Obtaining and using metals Reversible reactions and equilibria</p> <p>Physics Energy – forces doing work Forces and their effects</p>	<p>Biology Plant structures and their functions Animal co-ordination, control and homeostasis</p> <p>Physics Electricity and circuits</p>
	Assessment	Progress tests	Progress tests In class assessment	Progress tests	Progress tests In class assessment	PPE exams	Progress tests

Year	Study Modules	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Year 11	Study Modules	<p>Biology Animal co-ordination, control and homeostasis</p> <p>Chemistry Groups in the periodic table Rates of reaction Heat energy changes in chemical reactions</p> <p>Physics Magnetism and the motor effect Electromagnetic induction</p>	<p>Biology Animal co-ordination, control and homeostasis Ecosystems and material cycles</p> <p>Physics The particle model Forces and matter</p>	<p>Biology Exchange and transport in animals</p> <p>Chemistry Fuels Earth and atmospheric science</p>	<p>Biology Revision</p> <p>Chemistry Revision</p> <p>Physics Revision</p>	<p>Biology Revision</p> <p>Chemistry Revision</p> <p>Physics Revision</p>	Exams
	Assessment	Progress tests	Progress tests PPE exams	Progress tests	Progress tests PPE exams	Final exams	Final exams