

<Science> KS3 and KS4 Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 1
Year 7 National Curriculum	Mixing, Dissolving & Separating. Cells & Reproduction Forces & Their Effects <i>(Topics to be taught in rotation)</i>		Eating, Drinking & Breathing Elements, Compounds & Reactions <i>(Topics to be taught in rotation)</i>		Energy transfers & Sound Revision for exam Start Y8 content: Looking at plants and eco systems <i>(Topics to be taught in rotation)</i>	
Year 8 National Curriculum	Getting the energy your body needs Explaining physical changes Exploring contact & non-contact forces <i>(Topics to be taught in rotation)</i>		Explaining chemical changes Magnetism & electricity <i>(Topics to be taught in rotation)</i>		Start Y9 Using our Earth sustainably Revise Motion on Earth and in Space <i>(Topics to be taught in rotation)</i>	
Year 9 National Curriculum	Variation for survival Obtaining useful materials Waves and energy transfer <i>(Topics to be taught in rotation)</i>		Our health and the effect of drugs Revise Exam		Start GCSE Cell biology Atomic structure and the periodic table Energy <i>(Topics to be taught in rotation)</i>	

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Year 10 Separate Science GCSE AQA	Photosynthesis Moving & changing materials Structure, bonding and the properties of matter Chemical quantities and calculations Electricity Particle model of matter Atomic structure <i>(Topics to be taught in rotation)</i>		Health Matters Coordination and control Chemical changes Forces <i>(Topics to be taught in rotation)</i>		Variation and Evolution Genetics Energy Changes The rate and extent of chemical change Hydrocarbons Waves <i>(Topics to be taught in rotation)</i>	
Year 11 Separate Science GCSE AQA	Ecology in Action Chemical Analysis The atmosphere Magnetism and Electromagnetism <i>(Topics to be taught in rotation)</i>		Sustainable development Space Physics <i>(Topics to be taught in rotation)</i>		Revision of exam techniques and practice Final Exam	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 1
Year 10 TRILOGY – Combined Science GCSE AQA	Photosynthesis Moving & changing materials Structure, bonding and the properties of matter Electricity <i>(Topics to be taught in rotation)</i>		Health Matters Coordination and control Chemical quantities and calculations Particle model of matter Atomic structure <i>(Topics to be taught in rotation)</i>		Variation and Evolution Chemical changes Energy Changes Forces <i>(Topics to be taught in rotation)</i>	
Year 11 TRILOGY – Combined Science GCSE AQA	Ecology in Action The rate and extent of chemical change Hydrocarbons Waves <i>(Topics to be taught in rotation)</i>		Genetics Chemical Analysis The atmosphere Sustainable development Magnetism and Electromagnetism <i>(Topics to be taught in rotation)</i>		Revision of exam techniques and practice Final Exam	