



Science KS3 and KS4 Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 1
Year 7 National Curriculum	Lab Skills Separating Mixtures Cells Energy Resources Digestion Particle Model <i>(Topics to be taught in rotation)</i>		Atoms, Elements and Compounds Electricity Magnetism Acids and Alkalis <i>(Topics to be taught in rotation)</i>		Forces Space Ecosystems Reproduction Revision for exam Gap bridging from exam <i>(Topics to be taught in rotation)</i>	
Year 8 National Curriculum	Chemical Reactions Energy Transfers Breathing and Respiration The Periodic Table Motion Rocks <i>(Topics to be taught in rotation)</i>		The Atmosphere Sound Photosynthesis <i>(Topics to be taught in rotation)</i>		Useful Materials Light Genetics and Variation Drugs Revision for exam Gap bridging from exam GCSE bridging units <i>(Topics to be taught in rotation)</i>	
Year 9 Separate Science & Combined Trilogy GCSE AQA	Start GCSE Cell biology Atomic structure and the periodic table Energy <i>(Topics to be taught in rotation)</i>		Structure, bonding and the properties of matter Electricity <i>(Topics to be taught in rotation)</i>		Photosynthesis Chemical quantities and calculations <i>(Topics to be taught in rotation)</i>	

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Year 10 Separate Science GCSE AQA	Moving & changing materials Health Matters Chemical changes Particle model of matter Atomic structure <i>(Topics to be taught in rotation)</i>		Coordination and control Energy Changes Forces <i>(Topics to be taught in rotation)</i>		Ecology in Action The rate and extent of chemical change Waves <i>(Topics to be taught in rotation)</i>	
Year 11 Separate Science GCSE AQA	Genetics Variation and Evolution Hydrocarbons 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	



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Year 11 TRILOGY – Combined Science GCSE AQA	Genetics Variation and Evolution Hydrocarbons Magnetism and Electromagnetism <i>(Topics to be taught in rotation)</i>		Chemical Analysis The atmosphere Sustainable development <i>(Topics to be taught in rotation)</i>		Revision of exam techniques and practice Final Exam	

King Edward VI High