Science Curriculum 2024 2025

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Stepping up 1	Organisms 2	Stepping up 3	Stepping up 4	Forces 2	Matter 4
	Earth and Space	Stepping up 2	Organisms 4	Forces 1	Stepping up 5	Waves 1
	1	Matter 1	Energy 1	Matter 2	Matter 3	
	Earth and Space	Organisms 3	Stepping Up 4	Forces 2		
	2					
	Organisms 1					
Year 8	Reactions 1	Reactions 2	Waves 2	Ecosystems 2	Genes 4	Reactions 4
	Stepping up 6	Stepping up 7	Genes 2	Reactions 3	Energy 1	Earth and Space 3
	Electricity 1	Ecosystems 1	Genes 3	Genes 4	Reactions 4	Earth and Space 4
	Genes 1	Waves 2				Forces 3
						Organisms 5
Year 9	Biology Unit	Biology Unit	Organisms 6 – Cell	Organisms 6 – Cell	Organisms 9 – The	Organisms 9 – The
Biology		Organisms 6 – Cell	Structure	Structure	Circulatory System	Circulatory System
		Structure	Organisms 7 –	Organisms 7 –	Organisms 8 – Tissues	Organisms 8 –
		Organisms 7 – Movement	Movement of	Movement of	and Organs	Tissues and Organs
		of Substances	Substances	Substances		
				Organisms 8 –		
				Tissues and Organs		
				Organisms 9 – The		
				Circulatory System		
Year 9	Chemistry Unit	Chemistry Unit Group 3	Matter 5 – Atomic	Matter 5 – Atomic	Matter 7 – Structure	Matter 7 –
Chemistry	Group 1& 2	Matter 5 – Atomic	Structure	Structure	and Bonding	Structure and
,		Structure				Bonding

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Year 9 Physics	Physics Unit PO Group 1 & 2	Matter 6 – Development of the Periodic Table Pyhsics Unit PO Group 3 P1a Electricity	Matter 6 – Development of the Periodic Table Pla Electricity	Matter 6 – Development of the Periodic Table Matter 7 – Structure and Bonding P1a Electricity P1b Particle Model	P1b Particle Model and Atoms	P1b Particle Model and Atoms
,	'	. 20 2.000,		and Atoms		
Year 10 Biology	Organisms 10 Respiration and Photosynthesis Organisms 11 Disease	Organisms 10 Respiration and Photosynthesis Organisms 11 Disease Organisms 12 Response Genes 6 Reproduction	Genes 6 Reproduction Organsims 12 Response	Genes 6 Reproduction Organsims 12 Response	Ecosystems 3 Interdependance	Ecosystems 3 Interdependance Mock Exams
Year 10 Chemistry	Reactions 5 – Chemical Calculations Reactions 6 – Chemical Changes Reactions 7 – Energy Changes Earth and Space 5 – Metal Extraction	Reactions 5 – Chemical Calculations Reactions 6 – Chemical Changes Earth and Space 5 – Metal Extraction Reactions 7 – Energy Changes Reactions 8 – Rates and Equilibrium Earth and Space 6 – Crude Oil and Fuels	Matter 8 – Chemical Analysis Reactions 8 – Rates and Equilibrium Earth and Space 6 – Crude Oil and Fuels	Matter 8 – Chemical Analysis Reactions 8 – Rates and Equilibrium Earth and Space 6 – Crude Oil and Fuels	Earth and Space 7 – The Earths Atmosphere	Earth and Space 7 – The Earths Atmosphere Mock Exams
Year 10 Physics	P1c Energy	P1c Energy P2a Forces	P2a Forces	P2a Forces	P2b Waves and Magnetism	P2b Waves and Magetism



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						Mock Exams
Year	Ecosystems 4	Mock Exams	Adaptive Curriculum	Mock Exams	Adaptive Curriculum	Exams
11	Cycles			Adaptive	Exams	
Biology				Curriculum		
Year 11	Earth and Space	Adaptive Curriculum	Adaptive Curriculum	Mock Exams	Adaptive Curriculum	Exams
Chemistry	7 – The Earths	Mock exams		Adaptive	Exams	
•	Atmosphere			Curriculum		
	Earth and Space					
	8 - Water					
Year 11	P2b Waves and	Adaptive Curriculum	Adaptive Curriculum	Mock Exams	Adaptive Curriculum	Exams
Physics	Magnetism	Mock exams		Adaptive	Exams	
•				Curriculum		

^{*}Full and detailed curriculum maps used by the Academy are available on request