

Five Year Overview



[Science 5 year overview 2026 onwards- Year 7-11]

	Grouping/Rotation	Autumn		Spring		Summer	
		1 (7 weeks)	2 (7 weeks)	3 (6.5 weeks)	4 (5 weeks)	5 (6 weeks)	6 (7 weeks)
Year 7		Introduction to science					
	1	Cells and organisation		Reproduction- human and plants		Interdependence, cycling materials, human impact on environment	
	2	Particle model / changes of state		Elements, compounds, mixture and separation			
	3			Forces		Climate and earth's resources	
Year 8	1	Digestion, health and disease				Respiration / Plants and photosynthesis	
	2	Periodic table / chemical reactions		Acids and alkali		Light	
	3	Energy and electricity		Sound and properties of waves		Earth and universe	
Year 9	1	Inheritance and evolution	Big ideas in science	B1 Cells (Cell structure)	B1 Cells (Transport & cell division)	B2 Organisation (Animals)	B2 Organisation (Plants)
	2	Forces and their effects- speed / gravity / pressure		C1 Fundamentals	C1 Atomic structure & Periodic table	C2 Bonding	
	3	Magnets and electromagnets		P1 Energy		P2 Electricity (Part 1)	
Year 10	1	B3 Infection and response	B4 Bioenergetics (Respiration)	B4 Bioenergetics (Photosynthesis)	B5 Homeostasis (Nervous System)	B5 Homeostasis (Hormones)	B6 Inheritance
	2	C2 Structure and Properties	C3 Quantitative Chemistry	C4 Chemical Changes	C4 Electrolysis	C5 Energy Changes	C6 Rates of Reactions
	3	P2 Electricity (Part 2)	P3 Particle Model	P4 Atomic Structure	P5 Forces	P5 Forces and Motion	
Year 11	1	B6 Variation and Evolution	B7 Ecology (Ecosystems)	B7 Ecology (Biodiversity)	Biology revision		
	2	C7 Organic Chemistry	C8 Chemical analysis	C9 Chemistry of the Atmosphere C10 Using Resources	Chemistry revision		
	3	P6 Waves and Properties	P6 Electromagnetic Waves	P7 Magnets and Electromagnets P8 Space (Physics Only)	Physics revision		

[2026 onwards]

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[Science 5 year overview 2026 onwards– Year 10 into11]

	Grouping/Rotation	Autumn		Spring		Summer	
		1 (7 weeks)	2 (7 weeks)	3 (6.5 weeks)	4 (5 weeks)	5 (6 weeks)	6 (7 weeks)
Year 10	1	B3 Infection and response B4 Bioenergetics (Respiration)	B4 Bioenergetics (Photosynthesis)	B5 Homeostasis (Nervous System)	B5 Homeostasis (Hormones)	B6 Inheritance	B6 Variation and Evolution
	2	C2 Structure and Properties	C3 Quantitative Chemistry	C4 Chemical Changes	C4 Electrolysis	C5 Energy Changes	
	3	P2 Electricity (Part 2)	P3 Particle Model	P4 Atomic Structure	P5 Forces	P5 Forces and Motion	P6 Waves and Properties
Year 11	1	B7 Ecology (Ecosystems)	B7 Ecology (Biodiversity)	Biology revision			
	2	C6 Rates of Reactions	C7 Organic Chemistry	C8 Chemical analysis	C9 Chemistry of the Atmosphere C10 Using Resources		
	3	P6 Waves and Properties	P6 Electromagnetic Waves	P7 Magnets and Electromagnets	Physics revision P8 Space (Physics Only)		