

## Science Curriculum Map 2024-25

	Yr	Sept-Nov	Dec-Feb	Mar-July
KS 4	11	Adaptations, Interdependence & Competition (B15) Rates & Equilibrium (C8) Motion & Acceleration (P9&10)	Genetics, Evolution & Classification (B13-14) Organic Chemistry & Chemical Analysis (C9&10) Electromagnetic Waves & Electromagnetism (P12&13)	Ecosystems and Biodiversity (B16-17) <b>GCSEs</b>
	10	Bioenergetics (B8&9) Structure & Bonding (C3) Particles & Heating (P2&6)	Organisation: Digestion (B3) Quantitative Chemistry, Reactivity & Reactions of Acids (C4&5) Energy & Appliances (P1&5)	Cell Division (B2) Electrolysis (C6) Radioactivity (P7) <b>Mock Exams – Paper 1</b> Biological Responses and Reproduction (B10,B11&B12) The Atmosphere & Resources (C11&12)
KS 3	9	Cell Structure & Transport (B1) Atomic Structure (C1) Forces & Interactions (P8) Organisation in Animals & Plants (B4)	Non-Communicable Diseases (B7) Energy Changes (C7) Longitudinal & Transverse Waves (P11)	Infection & Drugs (B5&B6) The Periodic Table (C2) Energy Resources & Circuits (P3&P4) Adaptations, Interdependence & Competition (B15)
	8	Working Scientifically 2 Diversity of Life (B10.1, B10.3, B10.4) Pure Substances (C5.3&C5.4) Movement (P1.1.3-4)	Tissues & Organs (B8.3&B8.4) Reactants & Products (C6.2&C6.3) Electricity & Magnetism (new P2.1 or P3.4) Respiration & Photosynthesis (B9.3&B9.4)	Earth Systems (C7.1,C7.3&C7.4) Light (P4.2, P4.3.2 & P4.4) Forces & Motion (new P3.1) The Solar System (C7.2) Ecosystems & Adaptations (new B2.3)
	7	Working Scientifically 1 Cells (B1.1) Particles (C1.1) Forces (P1.1)	Elements & Compounds (C1.2) Sound (P1.2) Body Systems (B1.2) Reproduction (B1.3) Reactions (C1.3)	Light and Space (P1.3&4) Health & Lifestyle (B2.1) Acids & Alkalis (C1.4) The Periodic Table(C2.1) Electricity & Magnetism (P2.1)
		<b>P1 Mocks</b>	<b>P2 Mocks</b>	<b>Summative Assessment Point 1</b>
				<b>Summative Assessment Point 2</b> British Science Week (7 <sup>th</sup> -16 <sup>th</sup> March)
				<b>Summative Assessment Point 3: End-of-Year Exams</b>

Years 7 & 9 are using new Activate Smart resources.

Year 8 is using AQA Activate and Years 10 & 11 are using AQA GCSE Science (9-1).