

Year 11 Long Term Scheme of Learning 2025-26

Subject: Combined Science (Higher tier)

Date (w/b)	Exams	Biology	Chemistry	Physics (2025 / 2026)
01/09/2025		B6 Inheritance, Variation and Evolution - B6.1 Meiosis - B6.1 Sexual vs Asexual reproduction - B6.1 Inheritance (Genetic crosses) - B6.1 DNA - B6.2 Genetic Engineering	C6 'Rate & Extent of Chemical Reactions' Equilibria- Key ideas: - Reversible reactions & equilibrium - Effect of changing reaction conditions eg temperature, pressure and concentration C7 'Organic Chemistry' -Key ideas: - Fractional distillation of crude oil - Alkanes	P8 & 9 – Y10 Forces Recap P10 – Force & Motion - P10.1 – Force & acceleration - P10.1 – Required practical - P10.2 – Weight & Terminal velocity - P10.3 – Forces & braking - P10.4 – Momentum - P10.5 – Forces & elasticity
08/09/2025				
15/09/2025				
22/09/2025				
29/09/2025				
06/10/2025				
13/10/2025				
20/10/2025				
03/11/2025		B6 Inheritance, Variation and Evolution - B6.2 Variation - B6.2 Selective Breeding - B6.3 Evolution - B6.3 Fossils - B6.3 Classification and Extinction B7 Ecology - B7.1 Communities and Abiotic/Biotic factors - B7.1 Distribution of Organisms	PPE 1 GCSE Chemistry Paper 1 Units C1, C2, C3, C4, C5 only 70 marks C7 'Organic Chemistry' -Key ideas: - Alkenes (Cracking) - Combustion of fuels C8 Chemical Analysis - Key ideas: - Pure substances & mixtures - Formulations - Required Practical 12 – Chromatography - Gas Tests C9 Atmosphere - Key ideas: - Evolution of Earth's atmosphere	PPE 1: GCSE Physics Paper 1 (P1 – P7) P12 – Wave Properties - P12.1 – Nature of waves - P12.2 – Properties of waves - P12.4 – More about waves - P12.4 – Required practical P13 – Electromagnetism - P13.1 – The EM Spectrum - P13.2 – Light, IR, Micro & Radiowave
10/11/2025				
17/11/2025				
24/11/2025				
01/12/2025				
08/12/2025				
15/12/2025				
05/01/2026		B7 Ecology - B7.1 Adaptations - B7.2 Trophic levels	C9 Atmosphere - Key ideas: - Greenhouse gasses & climate change - Carbon footprints - Atmospheric pollutants	P13 – Electromagnetism - P13.3 – Communications - P13.4 – UV, X-ray & Gamma ray P4 – Y9 Electricity Recap
12/01/2026				
19/01/2026				

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26/01/2026		- B7.2 Required Practical recap– Sampling – Completed in Summer - B7.3 Waste management - B7.3 Global warming and biodiversity Revision for PPE	PPE 2 GCSE Chemistry Paper 2 Units C6, C7, C8, C9, (aspects of C1,C2&C3) 70 marks	P15 – Electromagnetism - P15.1 – Magnetic fields - P15.2 – Magnetic fields of electric currents - P15.4 – The motor effect (HT) - P15.5 – The motor effect Part 2 (HT) PPE 2: GCSE Physics Paper 2 (P8 – P15) <i>(No P11 or 14 on combined science)</i>
02/02/2026				
09/02/2026				
23/02/2026		Revision & Exam Preparation - Revision & review by unit - Working Scientifically Skills - Maths Skills - Required Practicals - Examination skills - Past paper questions	C10 Sustainable development Key ideas: - Potable water and water treatment Required Practical 13– Purification of water - Life cycle assessment and reducing the use of resources	Revision & Exam Preparation - Revision & review by unit - Working Scientifically Skills - Maths Skills - Required Practicals - Examination skills - Past paper questions
02/03/2026				
09/03/2026				
16/03/2026				
23/03/2026				
30/03/2026				
20/04/2026		Revision & Exam Preparation - Revision & review by unit - Working Scientifically Skills - Maths Skills - Required Practicals - Examination skills - Past paper questions	Revision & Exam Preparation	
27/04/2026				
04/05/2026				
11/05/2026				
18/05/2026				
01/06/2026				
08/06/2026				
15/06/2026				
22/06/2026				
29/06/2026				
06/07/2026				

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13/07/2026				
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