

PHYSICS CURRICULUM MAP | 2026/27

Two live lessons each teaching week · Direct teaching, worked modelling and recorded explanations

PROGRAMME	AUTUMN TERM				SPRING TERM			SUMMER EXAM PREPARATION		
	SEPTEMBER 8 LESSONS	OCTOBER 6 LESSONS	NOVEMBER 6 LESSONS	DECEMBER 4 LESSONS	JANUARY 8 LESSONS	FEBRUARY 4 LESSONS	MARCH 6 LESSONS	APRIL 4 LESSONS	MAY 8 LESSONS	JUNE 6 LESSONS
PEARSON EDEXCEL GCSE / IGCSE PHYSICS Edexcel-focused curriculum	Forces and motion Free-body diagrams, Newton's laws, momentum	Energy stores and transfers Electricity foundations	Electric circuits Power, domestic electricity and static	Particle model Density, heating and changes of state	Atomic structure and radioactivity Waves foundations	Waves and EM spectrum Light, sound and applications	Magnetism and electromagnetism Space Physics	Full-course recap Paper 1 and Paper 2 question modelling	Paper 1 targeted preparation	Paper 2 targeted preparation
PEARSON EDEXCEL A LEVEL PHYSICS 9PH0 · Y12 Year 1 / AS content	Working as a Physicist Units, uncertainties, practical skills and data analysis	Mechanics Motion, forces, Newton's laws and momentum	Electric Circuits Current, potential difference, resistance and circuit analysis	Materials Density, deformation, stress, strain and Young modulus	Waves Progressive waves, superposition, stationary waves and refraction	Particle Nature of Light Photons, photoelectric effect and wave particle duality	Further Waves and Mechanics Interference, diffraction and projectile motion	Y12 consolidation Core practicals, calculations and exam technique	Mock preparation Past paper practice and targeted intervention	Y12 final consolidation Feedback and preparation for Y13
PEARSON EDEXCEL A LEVEL PHYSICS 9PH0 · Y13 Full A Level content	Further Mechanics Circular motion, gravitational fields and simple harmonic motion	Electric Fields Electric fields, potential, capacitance and energy	Magnetic Fields Magnetic fields, forces and charged particles	Thermodynamics Temperature, ideal gases and internal energy	Nuclear and Particle Physics Radioactivity, particles, interactions, mass energy equivalence and fission/fusion	Oscillations SHM, energy, damping and resonance	Space Physics Orbits, stars, cosmology and astrophysics	Full A Level revision Paper 1, Paper 2 and Paper 3 preparation	Final examination preparation Calculations, practical skills and synoptic questions	Final consolidation Exam technique and Paper 3 preparation

OUR LIVE-LESSON MODEL: Break it down → Explain and model → Show how Physics becomes marks → Students practise independently

Specification teaching is completed by Easter. Summer lessons prioritise recap, calculations, practical skills and exam technique around the papers students are about to sit.

2027 PEARSON EDEXCEL GCSE / IGCSE PHYSICS EXAM DATES · Paper 1: Tuesday 25 May · Paper 2: Friday 18 June

2027 PEARSON EDEXCEL A LEVEL PHYSICS (9PH0) EXAM DATES · Paper 1: Friday 21 May · Paper 2: Thursday 27 May · Paper 3: Tuesday 8 June