

Physics Timeline



YEAR 13

Mastery, Synoptic Understanding & Successful Progression

HT1: Topic 6 - Further mechanics; Topic 10 - Space; Topic 12 - Gravitational Fields
HT2: Topic 9 - Thermodynamics; Topic 12 - Gravitational Fields
HT3: Topic 7 - Electric and magnetic fields; Topic 8 - Nuclear and Particle Physics; Topic 11 - Nuclear Radiation
HT4: Topic 7 - Electric and magnetic fields; Topic 11 - Nuclear Radiation; Topic 13 - Oscillations
HT5: Revision
HT6: Examinations



YEAR 12

Advanced Study & Academic Transition

HT1: Topic 2 - Mechanics; Topic 5 - Waves & the particle nature of light
HT2: Topic 2 - Mechanics; Topic 5 - Waves & the particle nature of light
HT3: Topic 3 - Materials; Topic 2 - Mechanics; Topic 5 - Waves & the particle nature of light
HT4: Topic 4 - Electric circuits; Topic 5 - Waves & the particle nature of light
HT5: Revision; Core Practical
HT6: Revision; Topic 10 - Space



YEAR 11

Securing Outcomes & Progression Readiness

HT1: P16 Space; P8 Forces and motion; P9 Motion
HT2: P10 Forces and motion; P11 Force and pressure
HT3: P12 Wave properties
HT4: P13 Electromagnetic waves; P14 Light
HT5: P15 Electromagnetism; Revision
HT6: Revision



YEAR 10

GCSE/ KS4 Preparation

HT1: P1 Conservation & dissipation of energy; P2 Energy transfer by heating
HT2: P2 Energy transfer by heating; P3 Energy resources
HT3: P4 Electric circuits; P5 Electricity in the home
HT4: P6 Molecules and matter; P7 Radioactivity
HT5: P7 Radioactivity; P8 Forces in balance
HT6: P9 Motion



YEAR 9

Foundation Stage III

HT1: 9.1 Forces & mechanical systems; 9.2 Matter; 9.3 Magnets & electromagnets
HT2: 9.3 Magnets & electromagnets; 9.4 Forces in motion; 9.5 Waves
HT3: 9.5 Waves
HT4: Energy
HT5: Energy; Electricity
HT6: Electricity



STRONG FOUNDATION BASE

Secure knowledge, literacy, numeracy and learning habits



YEAR 8

Foundation Stage II

HT1: 8.1 Heating & Cooling
HT2: 8.1 Heating & Cooling; 8.2 Forces & Motion; 8.3 Electricity
HT3: 8.3 Electricity; 8.4 Forces & Work
HT4: 8.4 Forces & Work; 8.5 Space
HT5: 8.5 Space
HT6: STEM Project



YEAR 7

Foundation Stage I - Strong Start

HT1: 7.1 Fundamentals of Physics
HT2: 7.1 Fundamentals of Physics; 7.2 Sound
HT3: 7.2 Sound
HT4: 7.3 Waves
HT5: 7.4 Light
HT6: STEM Project



STRONG FOUNDATIONS

We build core knowledge, habits and character early so every student can succeed.



AMBITION FOR ALL

We have the highest expectations of every student and believe in their potential.



PEDAGOGY FOR PROGRESS

We use expert teaching, retrieval and feedback to secure progress for all students.



TEACH TO THE TOP

We teach the most ambitious curriculum and scaffold expertly so all students reach the highest levels.