



# Physics- Curriculum Overview

## Year 12: Physics

Half Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics:	Paper 1: 1.2 Measurements and errors 3.1 Progressive Waves 4.1 Force, energy and momentum	Paper 1: 1.1 Measurements and errors 3.2 Refraction, diffraction and interference 4.1 Force, energy and momentum	Paper 1: 1.3 Measurements and errors 2.1 Particle physics 4.2 Materials and their properties 5.1 Current Electricity	Paper 1: 2.2 Quantum Phenomenon 5.1 Current Electricity	Paper 1: Revision of Paper 1 topics for Mocks	Paper 2: 7.1 and 7.2 Gravitational fields 7.3 Electric fields 6.1 Periodic motion
Assessment & End Points:	Required Practical 1 & Required Practical 3 STAR marking. Mini Topic assessments	Required Practical 2 STAR marking Mini Topic assessments	Required Practical 4 and Required Practical 5 STAR marking Mini Topic assessments	Required practical 6 STAR marking Mini Topic assessments	Paper 1 AS P1 & P2 MOCKS in Class	Mini Topic assessments

## Year 13

Half Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics:	Paper 2: 6.1 Simple Harmonic motion. 6.2 Thermal Physics 7.3 Electric fields 7.4 Capacitance	Paper 2: 6.2 Thermal Physics 7.4 Capacitance 7.5 Magnetic Fields 8.1 Radioactivity	Paper 2&3: 7.5 Magnetic Fields 8.1 Radioactivity 9.1 Telescopes	Paper 3 9.2 Classification of Stars 9.3 Cosmology Practical skills	Revision of all topics for Summer exams	
Assessment & End Points:	Required Practical 7 & Required Practical 9 STAR marking. Mini Topic assessments Paper 1 full A-level mock	Required Practical 8 & Required Practical 10 STAR marking. Mini Topic assessments	Required Practical 11 & Required Practical 12 STAR marking. Mini Topic assessments Paper 2 mock	Paper 3 mock	Summer external examinations	