Year 13 Physics

Year 13 Physics Curriculum Information

	Key Question:	Specification:	Skill Focus:
Term 1:	What is a field and how does it allow the modelling of forces?	• Circular Motion • Simple Harmonic Motion • Thermal Physics • Kinetic Theory • Gravitational Fields • Electric Fields • Capacitors	AO1: Demonstrate knowledge and understanding of scientific ideas. AO2: Apply knowledge and understanding of scientific ideas. AO3: Analyse information and draw conclusions to improve experimental procedures.
Term 2:	How is electricity generated and how does this link to magnetism?	• Magnetic Fields • Electromagnetic Induction • Astrophysics • Radioactivity • Nuclear Physics	AO1: Demonstrate knowledge and understanding of scientific ideas. AO2: Apply knowledge and understanding of scientific ideas. AO3: Analyse information and draw conclusions to improve experimental procedures.
Term 3:		• AS Revision • A2 Revision	AO1: Demonstrate knowledge and understanding of scientific ideas. AO2: Apply knowledge and understanding of scientific ideas. AO3: Analyse information and draw conclusions to improve experimental procedures.

Year 13 Subject Assessment Information

Assessment	Time/Venue	What will be assessed?
Assessment 1	• Assessment held in-class • 50 minutes • Teacher assessed	Knowledge recall and application Data handling and numeracy skills Problem solving Describing graphical data
Assessment 2 (mock exam)	• Assessment held in the Exam Hall • 2 x 2 hr papers • Teacher assessed	All AS content and A2 content to date recall and application Data handling and numeracy skills Problem solving Describing graphical data
Assessment 3	• Assessment held in-class • 50 minutes • Teacher assessed	Knowledge recall and application Data handling and numeracy skills Problem solving Describing graphical data