

Year 12 Physics



Year 12 Physics Curriculum Information

	Key Question:	Specification:	Skill Focus:
Term 1:	What is matter made up of and how do forces affect the world around us?	<ul style="list-style-type: none">• Errors and uncertainties• Radiation & Matter• Particle Physics• Quantum Physics• Motion• Forces & Motion	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:	What is the fundamental property of charge and how does it interact?	<ul style="list-style-type: none">• Electricity• Force & Momentum• Work, Energy & Power• Materials and their properties	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:	What is light and how does it behave?	<ul style="list-style-type: none">• Waves• Optics	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 12 Subject Assessment Information

Assessment	Time/Venue	What will be assessed?
Physics Base line	<ul style="list-style-type: none">• Assessment held in-class• 50 minutes• Teacher assessed	Prior physics knowledge recall and application Data handling and numeracy skills Problem solving Describing graphical data
Assessment 2	<ul style="list-style-type: none">• Assessment held in-class• 50 minutes• Teacher assessed	Physics knowledge to date - recall and application Data handling and numeracy skills Problem solving Describing graphical data
Assessment 3 (mock exam)	<ul style="list-style-type: none">• Assessment held in the Exam Hall• 2 x 2 hr papers• Teacher assessed	All AS content Knowledge recall and application Data handling and numeracy skills Problem solving Describing graphical data

