

A level Physics

We are studying the course H556: OCR Physics A

The specification can be found by accessing the link below:

<http://www.ocr.org.uk/qualifications/as-a-level-gce-physics-a-h156-h556-from-2015/>

Content Overview	Assessment Overview	
Content is split into six teaching modules: <ul style="list-style-type: none"> Module 1 – Development of practical skills in physics Module 2 – Foundations of physics Module 3 – Forces and motion Module 4 – Electrons, waves and photons Module 5 – Newtonian world and astrophysics Module 6 – Particles and medical physics Component 01 assesses content from modules 1, 2, 3 and 5. Component 02 assesses content from modules 1, 2, 4 and 6. Component 03 assesses content from all modules (1 to 6).	Modelling physics (01) 100 marks 2 hours 15 minutes written paper	37% of total A level
	Exploring physics (02) 100 marks 2 hours 15 minutes written paper	37% of total A level
	Unified physics (03) 70 marks 1 hour 30 minutes written paper	26% of total A level
	Practical Endorsement in physics (04) (non exam assessment)	Reported separately (see Section 5g)

All components include synoptic assessment.

Topic Overview

In year one the course covers the AS content as well as the practical skills, and some content required for A2.

In year two we concentrate on the A2 content

	Year One		Year Two	
	Induction			
Autumn	Motion	Charge and Current	Thermal Physics	Capacitors
			Circular motion	Electric fields
Half term				
Term	Motion	Energy power and Resistance	Oscillations	Electro-magnetism
	Forces		Gravitational fields	
Holiday				
	Exam week		Exam Week	
Spring	Forces	Electrical circuits	Gravitational fields	Nuclear and Particle
	Work energy and power	Waves	Astrophysics and cosmology	
Half term				
Term	Materials	Waves	Astrophysics and cosmology	Nuclear and Particle
Holiday				
Summer	Newton's Laws	Quantum Physics	Examining Practical Skills	
			Exam Revision	
			A level Exams	
Half term				
Term	Thermal Physics	Capacitors	A level Exams	