

PHYSICS

Exam board	OCR	
Entry requirements	Grade B (Sciences: Physics especially) Grade B Maths (minimum)	
Units of study and topics covered	<p><u>AS Physics:</u></p> <ul style="list-style-type: none"> • Module 1: Development of practical skills. • Module 2: Foundations of physics. • Module 3: Forces and motion. • Module 4: Electrons, waves, and photons. <p><u>A Physics:</u> All above modules, as well as:</p> <ul style="list-style-type: none"> • Module 5: Newtonian world and astrophysics. • Module 6: Particles and medical physics. <p>Unit titles and brief outline of topics covered in these</p>	<p>2 papers: 1hr 30mins each. Paper 1: section A- Multiple choice Section B: structured. 50% of marks for each paper.</p> <p>3 papers: 2hr 15 min each (p1&p2) 37% each 1hr 30min for p3. 26%</p> <p>Practical Endorsement: Reported separately. (non-exam assessment)</p>
Forms of assessment used	Style, weighting and timings. Be specific about exam/coursework balance	
Key skills for success	Literacy, numeracy, independent research/reading, report/essay writing problem solving skills, etc	
Expectations	Curiosity to find out why the natural world is the way it is, determination, hard working, able to do a lot of independent work.	
Good subject combinations	Physics is a good combination with Chemistry, Maths, IT, English.	
Potential pathways post sixth form:	HE/FE – All universities. Physics is in high demand for careers in: e.g. astronomy, communication, computing, education, electronics, energy, engineering, environment and climate, law and finance, medicine, music and television, research, sport and games, and transport.	
Where students can find out more	Dr. A. Kirk, Dr. M. Jahangir, Ms. D. Barnes, Mr. D. Matkin, Mr. D. Gardener. http://www.ocr.org.uk/qualifications/as-a-level-gce-physics-a-h156-h556-from-2015/	