

PHYSICS A LEVEL

Course Content	
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
Teaching and Learning	
Students will develop a range of skills including problem solving, planning, communication, data acquisition and analysis.	
The course aims to give students a wide overview of modern physics and its relevance to society. There is an emphasis on practical skills and 'How Science Works'.	
Practical skills will be assessed in the written examinations. There is also has an internally assessed Practical Endorsement which is reported separately.	
Assessment	
The A Level course is for students who wish to study physics to a greater depth. At the end of the course, students take 3 examinations.	
Component 1 assesses modules 1, 2, 3 and 5	
Component 2 assesses modules 1, 2, 4 and 6	
Component 3 assesses all 6 modules.	
Progression	
A qualification in A Level physics allows students to pursue many career opportunities:	
Engineering, Medicine, Astrophysics, Nuclear Industry, Computer Science, Research Scientist, Teaching, Telecommunication, Medical Physics, Geophysics, Environmental Science, Technicians and many non-scientific areas e.g. Law, Accountancy, Architecture and Philosophy.	
Entry Requirements	
Grade 6 in Higher Papers in Core and Additional Science , Further Additional Science or Physics GCSE and Grade 5 Maths GCSE	
Examination Board	
OCR	
Further Details	
Mrs K Finch	