

PHYSICS

COURSE OUTLINE:

Exam Board: AQA (7408)

A-level Physics allows students to appreciate how fundamental Science works and to study optional topics that particularly interest them – including Astrophysics, Medical Physics and Applied Physics. In Year 1 you will study Particles and Quantum Phenomena, Mechanics, Materials and Waves. In Year 2, you will study Fields and Further mechanics, Nuclear and Thermal Physics as well as investigative practical work throughout the two years.

A level Physics: Paper 1: 2 hours (35%) Paper 2: 2 hours (35%) Paper 3: 2 hours (30%) + Practical Endorsement.

SKILLS REQUIRED:

Students need to achieve a least a Grade 6 in Combined Science or Separate Science Physics to gain entry to the course as well as a Grade 6 in Maths. Students should also have the necessary skills to enable them to: Collect data and evaluate it. Investigate facts and use deduction. Put over their point of view effectively. Take responsibility for their own learning.

FUTURE OPPORTUNITIES:

Physics is an exciting, challenging subject and the topics offered in Physics provide an ideal training for your future. The ideas and techniques developed during your study of Physics will be invaluable in a wide variety of degrees, including medicine and engineering. Physics is considered a good 'thinking' subject and is well respected as an entry qualification for many careers.