

Thinking About Physics

PHYSICS

Exam Board: AQA

A-level Physics is a demanding subject which requires the application of scientific knowledge and skills, competency across 12 practical tasks and maths skills (GCSE B and above on higher tier maths).

It opens a range of doors to degrees and careers in engineering, science, mechanics, and maths. It is a requirement for many engineering based degrees. Students will learn about a range of areas of physics which includes a demanding level of mathematical skill and the ability to apply it in unfamiliar scenarios.

The course is taught over two years with the final grade being made up from three two hour exams. Students will also need to complete 12 assessed practical tasks over the two years receiving a “pass” or “fail” alongside their final grade. The practicals are assessed with questions on practical skills in the terminal exams making up part of their final grade.

All students will also complete the AS Physics course, the content mirrors the first year of A-level, and sit two exams for the AS at the end of the first year. This is to give students a rigorous indication of their progress and provide hard evidence for their university applications at the beginning of year 12.

Course details:

We teach the AQA Physics course (7408) and will be provided with a CGP text book for a £10 deposit that will form the basic expectations of independent work outside of class.

Requirements:

To enrol on the course students need to obtain at least a B grade in Additional Science (higher paper) and a B or above in Maths (higher paper).

While not required it is strongly recommended students sit further additional science (triple science) in year 11 to help with the transition to A-level.