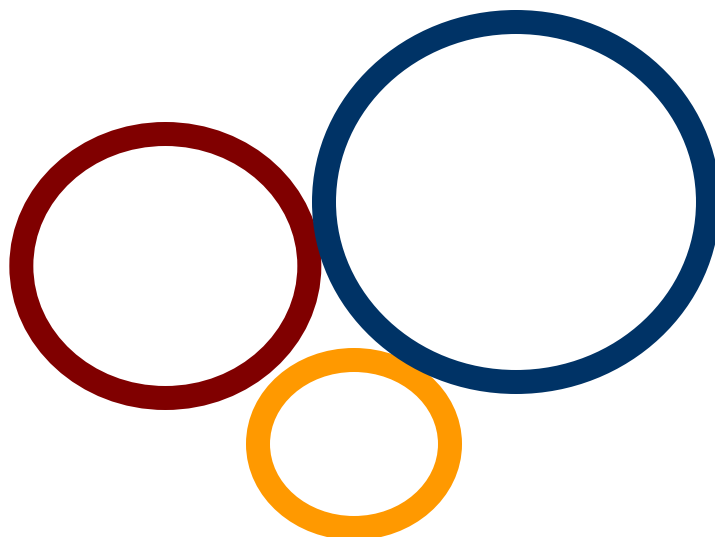


**Physics
AS/A level**



**Awarding Body
Edexcel (8PH0/9PH0)**

Who is the course for?

Physics is for anyone interested in the subject, not just those who wish to continue with a physics or engineering related degree.

What can it lead to?

A2 physics can open up a range of careers and higher education courses in engineering, architecture, information technology, mathematics, actuarial science, physics and astrophysics. It will also prove very useful if you want to pursue a career in medicine. A2 can also help gain direct entry into employment, especially into scientific and related sectors.

What are the entry requirements?

6 GCSE grades 6 or higher including English Language and Maths, with a minimum of 6/6 in Combined Science or a minimum of 6/6 in GCSE Physics. It is very strongly advised that you study A Level Maths alongside Physics; if you do not higher Grades at GCSE might be expected.

What will I Study?

In year 12 you will study mechanics, materials, electricity and waves.

In year 13 you will study further mechanics, particle physics, astrophysics and energy.

How will I be taught?

There are five lessons of physics a week. The theory is supported by a large element of practical work to show the many applications of physics.

How will I be assessed?

There will be two exams in year 12 for those who are not sure they want to continue to the full A level. The results of these exams will not count towards the full A level. There will be three exams in year 13 for the full A level.

Practical endorsement

(only applies to A level Physics, not AS) This is reported separately from the A level grade (as Pass/Fail). Teacher assessed with common assessment criteria. Requires a minimum of twelve practical activities to be carried out over the two- year A Level course covering a common core list of apparatus and technique usage

What equipment or materials will I need?

Textbooks (plus revision guides if you wish) and a scientific calculator. A Lab Book will be provided.