



## PHYSICS A LEVEL

### Why should I study this course?

Physics helps you to understand the world around you. If you would like to know how the Moon influences our world, what happens to objects when they travel near the speed of light and how a ball point pen can become a deadly weapon, then you should study physics. Studying physics will give you skills that are in demand in any job under the Sun — communication skills, data analysis, numeracy etc. So come join us and make your future interesting with us.

### What does this course include?

The course has 6 modules:

Module 1: Physics practical skills

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

### What can this course lead to?

The opportunities are endless. With the strong analytical and problem-solving skills you will develop if you are successful in this course, you could choose any career you like. Some of the popular ones for A-level Physics students are Engineering, Architecture, Maths, Economics, Business, Accounting, Finance, Medical Physics and Meteorologist.

### Course Entry Requirements:

**Grade 7 in Physics or 77 in Combined Science**

**Grade 6 in English and Grade 6 in Maths**

**Board: OCR**

### Teachers:

Mrs Bhamra, Ms Roche

*"A-Level Physics is an exciting and interesting subject with plenty of real world applications in fields as varied as sustainable energy and fashion designing. I loved studying physics and would recommend it as an A-level subject to anyone who wants to understand the world around them.*

**Laura Previous Yr13**



**A student scooting around the room on Mr Jones' hoverboard.**