

### What will I learn?

In **Year 12** there are five main topics covered:

- **Measurements and their errors**
- **Particles and radiation**
- **Waves**
- **Mechanics and energy**
- **Electricity**

**Year 13** covers:

- **Further Mechanics and Thermal Physics**
- **Fields**
- **Nuclear Physics**
- **plus an optional topic** taken from Astrophysics, Medical physics or Turning

### Highlights

Physics is a very well respected A Level course which will help you develop the skills, understanding and knowledge that many employers across a range of industries are looking for. Students develop scientific knowledge, problem solving skills, analytical thinking and meticulous practical skills.

You could take this course to complement other Advanced Level courses such as Chemistry or Biology. These all could lead to progression onto Higher education in a science related subject or more general higher education courses.

### Assessment

Exams

### Course requirements

A minimum of six grade 4-9 GCSE passes, including a grade 6 in Maths and Physics.