

Description

Physics is an important science which can be applied in every area of human activity, including:

- Development of sustainable forms of energy production.
- Treating cancer, through radiotherapy, and diagnosing illness through various types of imaging, all based on physics.
- Developing computer games.
- Design and manufacture of sports equipment.
- Understanding and predicting earthquakes.

...in fact, pretty much every sector you can think of needs people with physics knowledge!

Physics Skills

As well as studying physics concepts, students will develop lots of useful skills including:

- Investigative and experimental skills.
- The use of different practical techniques and equipment.
- Handling information and problem solving.
- Analytical thinking skills.
- Scientific literacy – being able to make informed choices in everyday life.

Topics covered in S3:

- Waves
- Radiation
- Investigation Unit

Progression

Pupils should be able to move onto National 5 Physics, then on to Higher Physics or Advanced Higher Physics.