



A Level: Physics

Science



Course Facts & Figures at a glance...

Subject Leader

Mrs Bruce

Course Title

A-Level Physics

QAN Code

A Level: 601/4747/7

Awarding Body

AQA

Assessment:

There are three exams at the end of the two years for A-level, all of which are two hours long.

Paper 1 - 35%

Paper 2 - 35%

Paper 3 - 30%

Physics offers an infinite number of amazing career opportunities including:

Geophysicist/field seismologist, Healthcare scientist, medical physics, Higher education lecturer, Radiation protection practitioner, Research scientist, Scientific laboratory technician, Secondary school teacher, Meteorologist, Operational researcher, Patent attorney, Product/process development scientist, Systems developer and much more!

Physicists explore the fundamental nature of almost everything we know of. They probe the furthest reaches of the earth to study the smallest pieces of matter. Join them to enter a world deep beneath the surface of normal human experience.

practicals will be assessed.

Topics covered in this course include the following:

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

- Further mechanics and thermal physics
- Fields
- Nuclear physics

Plus one option from the following - ask your teacher which we can offer for this year:

- Astrophysics
- Medical physics
- Engineering physics
- Turning points in physics
- Electronics

There is no coursework on this course, however, your performance during