



A Level Physics

Exam Board - AQA

Course Summary

Physics: A Greek word, φυσική, meaning nature. One does not need to look far into any science before we see the influence of Physics. From a plausible explanation of photosynthesis, to an understanding of chemical bonding: from climate change to stellar evolution: from geological change to the fate of the Universe, it is all captured by Physics. An understanding of Physics means we have a little more understanding of our Universe than we did before we studied it, which is what all Science is about.

Modules

Year 1

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

Year 2

- Further mechanics and thermal physics
- Fields and their consequences
- Nuclear physics
- Turning points in physics

Assessment

Paper 1 (2 hours) A1 topics + SHM

Paper 2 (2 hours) Thermal, Fields, & Nuclear

Paper 3 (2 hours) Practical + Data analysis

Career Opportunities

Further study, beyond A Level, renders a Physics Graduate suitable for many professions. These include: Schools, Government funded labs, Medical physics facilities, High tech industries, Finance, Research, Engineering, NASA, ESA, and CERN, just to name a few! Finally..., We could list the famous people with an interest in Physics, just as we could tell you about dark matter, or string theory, or celestial mechanics, or..., however, it is more fun to find out for yourself, with a bit of guidance..., just like Physics

Complementing subjects; Maths, Biology, Chemistry.

