



A level

Physics

**What will I learn?**

You will develop your knowledge and understanding in a range of areas through a context lead approach; applying the course content to real-life situations to aid understanding. The course includes 16 core practical which will enable you to develop your experimental skills in line with university requirements.

**What could this course lead on to?**

1. Engineering and Architecture
2. Solar energy physicist
3. Computer Games Designer
4. Astrophysics
5. Finance

**Entry Requirements:**

Grade 6 in GCSE Physics or Grade 6-6 in GCSE Combined Science. • Grade 6 in GCSE Mathematics

**Key content and assessment**

**Title: A-Level physics content**

**Style of Assessment**

**Year 12 content**

Working as a Physicist, Mechanics, Waves and the Nature of Light, Electric Circuits, Materials

**Year 13 content**

Further Mechanics, Electric and Magnetic Fields, Nuclear and Particle Physics, Thermal Physics, Gravitational Fields, Space Oscillations.

A level Physics is a linear qualification; assessments take place at the end of the two year course. The course not only inspires students to think as a physicist, but also enables them to work as scientists

**Course Details**

**Awarding Body:** Pearson Edexcel

**Website:** <https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/physics-2015.html>

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