

Contact Details of Key Staff

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Subject Guides



A-level Physics





A Level Physics

Introduction

Students studying GCSE Combined Science need to have achieved a minimum Grade 6. Students studying GCSE separate Sciences need at least two Grade 6s and a level 5 (with one of the 6s being in Physics). Students also need to have achieved a Grade 6 in Maths.

What You Will Learn

This course aims to:

- Develop essential knowledge and understanding in Physics
- Develop practical skills and practice data-handling skills
- Use their imagination and be rewarded for initiative and interest
- Place Physics in a social or historical context
- Increase their understanding of the part Maths plays in Physics
- Study how scientific models develop
- See how Physics is applied to modern medicine
- Study the following topics: Particle Physics, electronics, the wave and particle nature of light, projectile motion, quantum effects, Nuclear Physics and the option to do Medical Physics, Astrophysics, Turning Points in Physics, Engineering Physics or Electronics.

Where It Can Lead To

Physics leads on to a wide range of course and careers. You could go on to use Physics to support other qualifications or progress onto further studies or employment.