



# Physics

## AQA



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### Why study this at A Level?

The subject content within the Physics A Level is relevant to real world experiences and is interesting to learn.

*The course will nurture a passion for physics and lay the groundwork for further study in science or engineering.*

### Skills obtained

- Intellectual skills
- Communication skills
- Organisational and interpersonal skills
- Research skills
- Numeracy
- Computing skills

Our students have gone on to pursue a number of related university courses including Physics, Aerospace Engineering, Civil Engineering, Aviation Studies and Automotive Engineering

### Course Content and Assessment

#### Year 12

*Particles and Radiation, Waves, Mechanics and Materials, Electricity*

#### Year 13

*Further Mechanics and Thermal Physics, Fields and their Consequences, Nuclear Physics, Astrophysics - Option*

#### Assessment

*The full A level is taught over two years with three exams of 2 hours each at the end of the course.*