



# Cotswold Edge Sixth Form



<b>Subject</b>	PHYSICS A-LEVEL	<b>Exam board</b>	AQA-A
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## Course outline

The course covers the following topics: electricity, mechanics, particles, light, quantum theory, wave properties, radioactivity, gravitational and electrical fields. The course will involve students doing practical work and there are practical assessments during the year. There is an optional unit in the second year of the course. This may be on astrophysics, medical physics, applied physics or turning points in physics. The course is taught through practical sessions, discussions, demonstrations, group work, presentations, calculations and background reading.



## Course assessment

A-level	Paper 1 (34%) Year 1 A-level Content Paper 2 (34%) Year 2 A-level Content Paper 3 (32%) Practical Skills Questions on option module.
Practical Endorsement	12 Set Practicals to be completed over the 2 years (and recorded in a lab-book). Completion of these practicals will result in the 'A-level Practical endorsement' in addition to your overall grade.

## Course progression

Physics is a fantastic choice at A-level as it is a challenging subject, meaning universities look favourably on candidates with this qualification. Direct paths into computer science, astrophysics, astronomy, natural science, geophysics, medicine, engineering and other related fields are obvious. The practical, mathematical and analytical skills used are also relevant to a wide range of other fields where you can make use of these skills.