Course Title: A Level PHYSICS
Awarding Body: AQA
Further information available from: MR TRICKETT

Course requirements: Grade 6 or higher in GCSE Combined Science or a minimum grade 6 in each of the GCSE Single Sciences, plus GCSE Maths grade 6 or higher.

Following the AQA Physics syllabus, topics 1-5 will be taught in Year 12 and topics 6-8 will be covered in Year 13 plus an optional topic as outlined below:

1. Measurements and their errors
2. Particles and radiation
3. Waves
4. Mechanics and materials
5. Electricity
6. Further mechanics and thermal physics
7. Fields and their consequences
8. Nuclear physics

   Option: Engineering physics

The course is assessed by three written papers covering both course content and practical techniques. There are 12 assessed required practicals and pupils are given a pass/fail status.

Assessments

Paper 1	Paper 2	Paper 3
What's assessed Sections 1 – 5 and 6.1 (Periodic motion)	**What's assessed** Sections 6.2 (Thermal Physics), 7 and 8 Assumed knowledge from 1 to 6.1	**What's assessed** Section A: Compulsory section: Practical skills and data analysis Section B: Engineering Physics
Assessed • written exam: 2 hours • 85 marks • 34% of A-level	**Assessed** • written exam: 2 hours • 85 marks • 34% of A-level	**Assessed** • written exam: 2 hours • 80 marks • 32% of A-level
Questions 60 marks of short and long answer questions and 25 multiple choice questions on content.	**Questions** 60 marks of short and long answer questions and 25 multiple choice questions on content.	**Questions** 45 marks of short and long answer questions on practical experiments and data analysis. 35 marks of short and long answer questions on optional topic.

Physics is a challenging, but rewarding course that opens up a multitude of different

career pathways. Anyone thinking of doing Physics should also think about studying A Level Maths alongside as the two reinforce each other so well. The study of A Level Chemistry also complements a lot of the work we do.