



MARICOURT SIXTH FORM CENTRE

PHYSICS

What is it?

Are you interested in understanding the nature of the Universe and are curious to explain the things you see around you? You enjoyed studying: forces and energy, electricity, radioactivity and atoms, heat, light and sound waves in your GCSE course and would like to find out more. Can you think logically? Are you good at mathematics, especially algebra? Do you wish to keep your career options open?



REQUIREMENTS

GCSE Combined
Science—Grade 6
GCSE Maths—Grade 6

ASSESSMENT

3 exams at the end of Yr13
Paper 1: topics 1-6, 34% of final grade
Paper 2: Topics 6-8, 34% of final grade
Paper 3: Practical skills and Topic 9, 32% of final grade
A certificate of practical competency: completed throughout the year.

CONTENT

You will be studying the new Physics course from AQA. The modules studied are as follows:-

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