



Queen Elizabeth Grammar School
Wakefield

Technical Information

A-level

A-level Course Title	Unit Code	Awarding Body
Physics	7408	AQA

A-level Examinations:

Name	Method of Assessment	Marks
Paper 1 Sections 1-5 and 6.1 (periodic motion)	Written exam 2 hours	60 marks long and short answer. 25 marks multiple choice
Paper 2 Sections 6.2 (thermal physics), 7 and 8	Written exam 2 hours	60 marks long and short answer. 25 marks multiple choice
Paper 3 Practical skills and data analysis and section 12 (turning points in physics)	Written exam 2 hours	45 marks short and long answer on practical skills. 35 marks short and long answer section 12

QEGS Senior School

(Boys 11-18 years)
154 Northgate
Wakefield WF1 3QX
Telephone: 01924 373 943
Email: office@qegsss.org.uk
Twitter: @QEGSYorkshire

www.wgsf.org.uk

Course Guide

A-level Physics

Physics

Background Knowledge and Qualifications

The qualification builds on the knowledge, understanding and process skills inherent in GCSE. You should have achieved a high grade at GCSE in Physics or Double Award Science. A major difference between GCSE and A-level Physics is the mathematical content. You should have at least GCSE grade 6 in Mathematics and, whilst not compulsory, it is advantageous to study Mathematics at A-level. Clearly another essential requirement is a genuine interest in and enjoyment of Physics!

Course Description

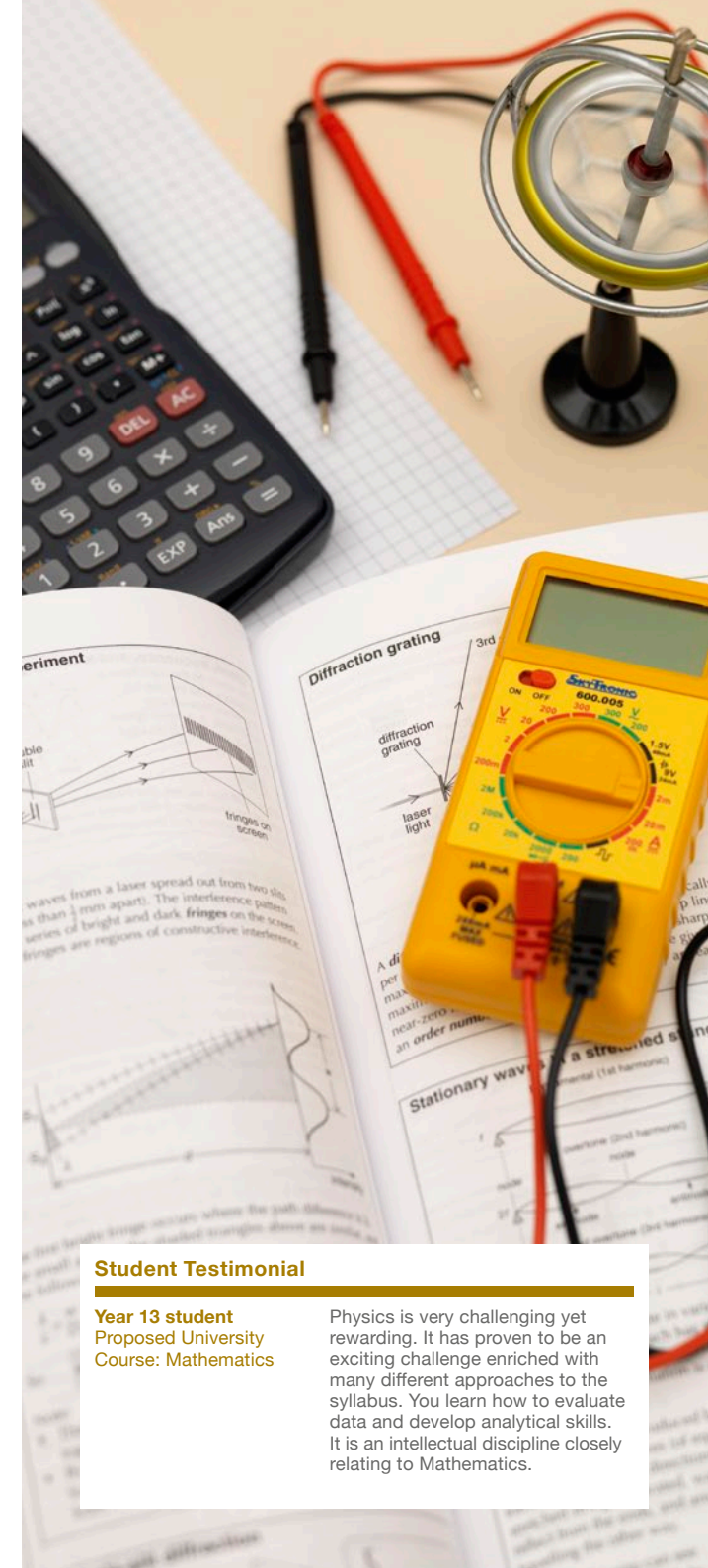
This A-level is a reformed A-level. For your A-level you will be studying the following areas:

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
9. Turning points in physics

Use of Course and Qualification

The course provides a satisfying experience for the student who chooses to take Physics as part of a broad post 16 curriculum. At the end of the course they will know more of what Physics is about and its place in the world.

The Advanced GCE qualification will enable students to go on to degree level studies at University, particularly Physics, Engineering and other Physics related courses; at the same time it provides an interesting and stimulating experience for the student who does not pursue the subject further.



Student Testimonial

Year 13 student
Proposed University
Course: Mathematics

Physics is very challenging yet rewarding. It has proven to be an exciting challenge enriched with many different approaches to the syllabus. You learn how to evaluate data and develop analytical skills. It is an intellectual discipline closely relating to Mathematics.