

Physics

What is the exam board and route?

A Level Physics AQA 7408

Subject Entry Requirements: Grade 7 in GCSE Physics and GCSE Mathematics advised

Subject outline

This qualification is a linear course that covers the following topics:

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity
- Further mechanics and thermal physics
- Fields and their consequences
- Nuclear physics

We also teach the Engineering physics option.

How is the course assessed?

There are three papers of 90, 90 and 120 minutes.

Why study this subject?

The study of Physics at A Level develops many valuable skills: at LGS you will learn how to observe and describe situations and events precisely, collect reliable data, construct models to explain the observations, draw logical conclusions and make sound recommendations based upon the evidence. These transferable skills will be vital in your subsequent career, whatever the field.

Complementary subjects

STEM (Maths, Further Maths, Biology, Chemistry, DT, Computer Science)

Possible careers

STEM

Subject enrichment available

- AS and A2 Olympiad and AS Astronomy Olympiad
- Revision / Booster Classes
- Oxbridge Preparation Classes
- External Lectures
- Trip to Diamond Light Source
- Headstart Courses
- Physics Review Magazine for Sixth Form
- Careers trip to Space Centre

