



A-Level Physics (AQA)

Topics/Units studied:

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity
- Further mechanics and thermal physics
- Fields and their consequences
- Nuclear physics
- Option unit - Turning points in physics

Key dates & deadlines:

Year	Deadline / Date	Unit assessed
12	May/ June (PPEs)	Paper 1
12	May/June (PPEs)	Paper 2
13	May / June	Paper 1
13	May/June	Paper 2
13	May/June	Paper 3

Career Pathways:

Physics is a seriously useful subject for the majority of STEM (Science, Technology, Engineering and Maths) careers and you will find physicists everywhere, in industry, transport, government, universities, the armed forces, the secret service, games companies, research labs and more.

Success

Students achieved grades placing Holderness Academy in the top 10% Nationally for A level physics results in June 2018.

Alumni (2019)

Emily C	Now studying Biomedical science - University of Hull
Matthew D	Now studying Dental Surgery MChD/BChD; Oral Science BSc – University of Leeds
Megan B	Now studying at Hull University Medicine
Henry H	Now studying Physical Sciences at the University of Liverpool
Finn R	Now studying at the University of Hull – Biomedical Engineering

Progression

Physics A-Level is usually required for degree courses in engineering (general, aeronautical, civil, electrical, mechanical, sometimes chemical) and physics. It is often recommended or useful for biochemistry, biology, chemistry, medicine, dentistry, nursing and other practice-based medicine courses, architecture, computer science, geography, earth and environmental sciences, maths, materials science, pharmacy, sports science, surveying, psychology, teaching.

