



## Physics

Engage

Endeavour

Excel



### Entry Requirements:

GCSE Physics Grade 7+ or Combined Sciences 6, 7+.

**Additional:** Mathematics Grade 6+

**Pass Rate:** 100%

**Exam Board:** AQA

### Trips & Events:

- Manchester University Visit

**Student Voice:** "We get great starter questions that help us check our learning." Shahzaib

**Student Voice:** "I enjoy the practical demonstrations that our teachers set up." Kasim

**Student Voice:** "Success is like a transverse wave." Michael



# A Level Physics

## AQA Specification

### Year 12 (Learning/Objectives)

#### Content:

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity

### Year 13 (Learning/Objectives)

#### Content:

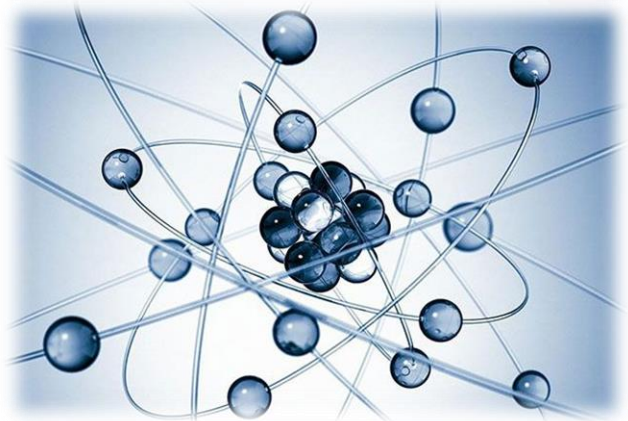
- Further mechanics and thermal physics
- Fields and their consequences
- Nuclear physics
- Astrophysics

### A-Level Assessment

**Paper 1:** all Y12 content plus periodic motion

**Paper 2:** further mechanics, fields, and nuclear

**Paper 3:** Practical skills and data analysis, astrophysics



### Beyond A Levels: Future Career Aspirations

- Physicist
- Engineer
- Computer scientist
- Medical physicist
- Game designer
- Accountant
- Lawyer
- Analyst
- Geophysicist/field seismologist
- Healthcare scientist, medical physics
- Higher education lecturer
- Radiation protection practitioner
- Research scientist (physical sciences)
- Scientific laboratory technician
- Secondary school teacher
- Meteorologist
- Structural engineer
- Acoustic engineer
- Product/process development scientist
- Systems developer

