

# GCSE Science

CORE

Science is a core subject and is compulsory for all students at Key Stage 4. Students will study GCSE Science Trilogy Science which is equivalent to 2 GCSEs, following the AQA specifications.

This course builds on:

- The programme of study from Key Stage 3 and it is designed to engage and challenge all students to reach their scientific potential

The course aims to:

- Encourage students to consider how science is relevant to their everyday lives
- Develop students' practical skills through the use of core practicals
- Consider the benefits and drawbacks of scientific developments, such as IVF and cloning
- Develop students' literacy and mathematical skills

Examination:

- 6 written papers of 1 hour 15 minutes - each paper will be worth one sixth of the final grade

Progression Pathways to further and higher education:

- Entry requirement for A level courses in Biology, Chemistry and Physics
- Good grounding for Level 3 Sport and Health & Social Care courses
- A pass in GCSE Science is a requirement for some degree courses

Career Opportunities:

- Medicine, nursing, pharmacy etc
- Veterinary science, veterinary nursing, animal care and horticulture
- Careers in the Food industry
- Teaching