

GCSE Science

**Technical Pathway:
T Level Science**

Faculty Lead – Mr D Twist

GCSE Science counts for two GCSEs. Students will study content from Biology, Chemistry and Physics across their two years of GCSE.

Alongside this content, students will complete a variety of mandatory practical investigations that they will be assessed on as part of their final exam.

Students will study topics such as:

Biology

Cell Biology
Infection and Response
Bioenergetics

Chemistry

Atomic Structure and the Periodic Table
Organic Chemistry
Chemical Analysis

Physics

Forces
Particle Model of Matter
Energy

Assessments:

Paper 1 – Biology, Chemistry & Physics (50%)

Paper 2 – Biology, Chemistry & Physics (50%)

Co – Curricular Opportunities:

- Termly visits to University Partner science labs
- Annual science Employer Insight Day
- Science specific virtual and in-person work experience opportunities
- STEM aqua and hydroponics club

Employer Links:

- Manchester Metropolitan University
- Victrex
- NHS
- Jacobs

Careers linked to this subject:

- Biomedical Scientist
- Marine Scientist
- Forensic Analyst
- Pathologist
- Pharmaceutical Scientist
- Meteorologist
- Biomedical engineering
- Laboratory Scientist