

The Core Curriculum

All students will follow these courses throughout KS4.

GCSE Mathematics

Faculty Lead – Mrs S Rice

Students will study either the Foundation or Higher level Programme. Across both programmes, students will be required develop confidence in using and applying the skills necessary to work mathematically, building on the content covered in KS3. Students will need to show they can think through more complex problems and break them into smaller tasks. Topics study include:

- Number
- Algebra
- Ratio, Proportion and Rates of Change
- Geometry and Measure
- Statistics
- Probability

Assessments:

- Paper 1 – Non Calculator (80 marks)
- Paper 2 – Calculator (80 marks)
- Paper 3 – Calculator (80 marks)

Employer Links:

- HSBC
- Sellafeld Ltd

Careers linked to this subject:

- Chartered Accountant
- Financial management
- Engineer
- Teacher
- Cyber security officer
- Statistician
- Systems developer
- Software Engineer