

This course encourages students to develop their understanding of mathematics and mathematical procedures in a way that promotes confidence and extends their range of mathematical skills and techniques for use in more difficult, unstructured and functional problems. GCSE Mathematics follows the Edexcel course and is equivalent to 1 GCSEs.

This course builds on:

- National curriculum mathematics programme
- Skills and knowledge gained at KS3
- An introduction to functional maths

The course aims to:

- Provide exciting opportunities for all students to access the new grading criteria. Foundation tier will have grades 1 to 5 and Higher tier will have grades 4 to 9
- Enable those students who achieve a high level of competency in the higher tier to access AS and A levels, to develop a strong mathematical background
- Establish a good level of basic competency in the everyday mathematics required in the workplace and at home

Coursework:

- There is no coursework

Examination:

- Students currently follow a linear course
- Three terminal exams, two calculator and one non-calculator are taken at the end of Year 11.
- The assessment will cover six strands:
 - Number and Algebra (70% of the exam paper)
 - Ratio/Proportion, Geometry/Measures, Probability and Statistics (30% of the exam paper)
- Examinations are offered at Foundation and Higher level

Progression Pathways to further and higher education:

- AS or A level Mathematics
- Helps to open the doors of universities
- A good maths grade will help you in the world of work or in further education

Career Opportunities:

- Accountancy
- Engineering
- Teaching
- Banking
- Science related careers