

## Maths – KS4 (Years 9, 10 & 11)

### Context

Pupils will study a range of topics in:

- Number
- Algebra
- Ratio, proportion and rates of change
- Geometry and measures
- Probability
- Statistics

This qualification in Mathematics encourages students to develop confidence in, and a positive attitude towards, mathematics and to recognise the importance of mathematics in their own lives and to society.

### Syllabus Details

Edexcel GCSE in Mathematics (1MA1)

### Assessment

#### Overview

- Foundation and Higher tier
- Three equally-weighted written examination papers
- Paper 1 – Non calculator
- Paper 2 – Calculator allowed
- Paper 3 – calculator allowed
- Each paper is 1 hour 30 minutes
- Each paper has 80 marks
- The qualification will be graded on a nine-grade scale from 9 to 1 using the total mark across all three papers where 9 is the highest grade
- Foundation tier: grades 1 to 5
- Higher tier: grades 4 to 9
- Final exam in Year 11 in June

### Homework

One piece per week:

- Written piece of work
- Online homework
- Revision for an assessment

### Recommended Resources

Pupils will be given a standard textbook to use in school. Access to the Internet is vital for online homework and home learning. A scientific calculator is essential.

### Recommended Revision Book

GCSE Mathematics The Revision Guide (CGP) or any other standard KS4 revision guide.

### Recommended Websites

There are numerous sites available but these are some of the best: -

- [www.mymaths.co.uk](http://www.mymaths.co.uk) – excellent interactive website for home learning and online homework
- [www.methodmaths.co.uk](http://www.methodmaths.co.uk) – pupils will have access to a range of worksheet and past papers
- [www.mathswatch.co.uk](http://www.mathswatch.co.uk) – pupils have access to video clips and worksheets

### Other Information

The Mathematics department is striving to encourage Independent Learning Skills, giving students the opportunity to take responsibility for their own learning. Students who take this idea on board can make dramatic progress!