

Maths GCSE - Key Stage 4

The Mathematics department prides itself on offering a rich, balanced and progressive curriculum. We actively promote our pupils to develop their reasoning, problem solving and numerical fluency. The Mathematics department uses STEAM links and projects to promote industry and cross curricular links.

Key Stage 4 pupils have the opportunity to gain qualifications in:

- GCSE Maths
- Functional Skills Level 1 and 2
- Entry Level 1-3

Ensuring pupils are entered for the correct qualification is done through close monitoring and assessment. The assessment flight paths are monitored closely and interventions provided where needed.

GCSE Mathematics has a Foundation tier (grades 1 – 5) and a Higher tier (grades 4 – 9). Students must take three question papers at the same tier. All question papers must be taken in the same series.

Paper	What is assessed	How it is assessed	Questions
Paper 1 - Non Calculator	Content from any part of the specification may be assessed	<ul style="list-style-type: none">• written exam: 1 hour 30 minutes• 80 marks• non-calculator• 33⅓% of the GCSE	A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper.

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		Mathematics assessment	
Paper 2 - calculator	Content from any part of the specification may be assessed	<ul style="list-style-type: none">• written exam: 1 hour 30 minutes• 80 marks• calculator allowed• 33⅓% of the GCSE Mathematics assessment	A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper.
Paper 3 - Calculator	Content from any part of the specification may be assessed	<ul style="list-style-type: none">• written exam: 1 hour 30 minutes• 80 marks• calculator allowed• 33⅓% of the GCSE Mathematics assessment	A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper.

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	Autumn	Spring	Summer
Year 10	<ul style="list-style-type: none">• 1 Number• 2 Algebra• 3 Ratio, proportion and rates of change• 4 Geometry and measures• 5 Probability• 6 Statistics	<ul style="list-style-type: none">• 1 Number• 2 Algebra• 3 Ratio, proportion and rates of change• 4 Geometry and measures• 5 Probability6 Statistics	<ul style="list-style-type: none">• 1 Number• 2 Algebra• 3 Ratio, proportion and rates of change• 4 Geometry and measures• 5 Probability6 Statistics
Year 11			