

## GCSE MATHEMATICS

## COURSE OVERVIEW

## Assessments

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.

The information in the table below is the same for both Foundation and Higher tiers.

The Subject content section shows the content that is assessed in each tier.

Paper 1: non-calculator	+	Paper 2: calculator	+	Paper 3: calculator
<b>What's assessed</b> Content from any part of the specification may be assessed		<b>What's assessed</b> Content from any part of the specification may be assessed		<b>What's assessed</b> Content from any part of the specification may be assessed
<b>How it's assessed</b> <ul style="list-style-type: none"> <li>written exam: 1 hour 30 minutes</li> <li>80 marks</li> <li>non-calculator</li> <li>33⅓% of the GCSE Mathematics assessment</li> </ul>		<b>How it's assessed</b> <ul style="list-style-type: none"> <li>written exam: 1 hour 30 minutes</li> <li>80 marks</li> <li>calculator allowed</li> <li>33⅓% of the GCSE Mathematics assessment</li> </ul>		<b>How it's assessed</b> <ul style="list-style-type: none"> <li>written exam: 1 hour 30 minutes</li> <li>80 marks</li> <li>calculator allowed</li> <li>33⅓% of the GCSE Mathematics assessment</li> </ul>
<b>Questions</b> 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.		<b>Questions</b> 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.		<b>Questions</b> 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.

The weighting of the topic areas has been prescribed by Ofqual and is common to all exam boards. The table below shows the approximate weightings of the topic areas for the overall tier of assessment, **not** for each individual question paper.

Topic Area	Foundation Tier (%)	Higher Tier (%)
Number	25	15
Algebra	20	30
Ratio	25	20
Geometry	15	20
Probability and statistics (combined)	15	15

**GCSE MATHEMATICS****COURSE OVERVIEW****RECOMMENDED RESOURCES**

<b>Revision Guides</b>	We recommend the CGP revision guides for the GCSE course, we will offer the chance to purchase these at reduced cost at the start of Year 10. You will need the AQA 8300 version for the correct tier of study.
<b>Websites</b>	<b>CorbettMaths:</b> Excellent site to support independent study, includes short five minute video tutorials on all course content along with lots of practice questions and answers. <a href="#">MathsGenie</a> : Contains past exam questions for most of the GCSE content with mark schemes

**MARKING & FEEDBACK**

- ✓ Learning cycle assessments will be marked by your teacher and then feedback will be given.
- ✓ Your teacher will mark homework and give feedback, sometimes this will be individual and at other times teachers will give whole-class feedback for common misconceptions/ errors

**ORGANISATION OF WORK**

- ✓ Learning journeys for each topic need to be in your folders, which should also contain your notes and examples organised in an easy to navigate format.
- ✓ Corrections and response to feedback should be done in purple pen..