

# GCSE MATHEMATICS

(8300)

Paper 1: non-calculator	+	Paper 2: calculator	+	Paper 3: calculator
<p><b>What's assessed</b></p> <p>Content from any part of the specification may be assessed</p>		<p><b>What's assessed</b></p> <p>Content from any part of the specification may be assessed</p>		<p><b>What's assessed</b></p> <p>Content from any part of the specification may be assessed</p>
<p><b>How it's assessed</b></p> <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>		<p><b>How it's assessed</b></p> <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>		<p><b>How it's assessed</b></p> <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>
<p><b>Questions</b></p> <p>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.</p>		<p><b>Questions</b></p> <p>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.</p>		<p><b>Questions</b></p> <p>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.</p>

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

The first Maths pre-public exam (PPE) will begin on the week of 23 June. This will be a non-calculator GCSE style paper. It will be 1 hour 30 minutes long.

Students will spend up to 2 weeks of class and homework time revising for the PPE exam.

Please encourage them to start revising from Easter.



## Year 10 Maths – Supporting your Child's Progress

- ✓ **Make achievement everyone's responsibility by...**
  - Talking about learning regularly. You can see a record of the lesson materials in the maths classroom on google classroom.
  - Get your child to teach you what they have learned. You don't need to be a maths expert. It will keep them engaged and reinforce their learning.
  - Keeping track of upcoming assessments. Find out how they have performed and set realistic expectations together.
  - Creating the space to focus free from distractions
  
- ✓ **Home learning**
  - Use classcharts to check what home learning has been set for your child.
  - Check that home learning is completed on time and to a good standard  
A comment will be recorded on classcharts when home learning is done well or has not been completed.
  - Have a plan and help them stick to it.
  - Use websites such as mymaths, mathsgenie and corbett maths to get extra help on a piece of work. Your child has a school and personal login for mymaths. The site includes interactive lessons and videos as well as homework tasks. Corbett maths has short videos covering the GCSE syllabus. It is easy to search for what you need. There are a selection of questions and worked answers available for practise.





### ✓ **Revisit and Recall**

- For topic tests, your child will have a revision list. They will have completed a knowledge quiz to help them revise and make sure they know key knowledge. You can help them to learn this. Copies of the topic lists and other helpful information are on the google classroom.
- They should do practise questions from tasks set by their teacher, topics on mymaths or corbett maths or from another revision resource such as a workbook and revision guide. A revision workbook is available to buy at a reduced price from scopay.

### ✓ **GCSE and PPE revision**

- Help your child to put together a revision plan. Make timings realistic and include breaks.
- If you can provide a quiet place to work away from distractions, such as phones, that will help. Working in a part of the house where they still feel part of the family will help you to know how they are coping, and enable you to support them in keeping focussed.
- Your child's maths teacher will provide revision materials (including past papers) and guidance on topics to focus on. You will be able to see this on google classroom.