

# MATHEMATICS FOUNDATION

## EXAM BOARD: EDEXCEL

- GCSE Paper 1 – Thursday 15<sup>th</sup> May 2025 – 9am (Non-calculator)
- GCSE Paper 2 – Wednesday 4<sup>th</sup> June 2025 – 9am (Calculator)
- GCSE Paper 3 – Wednesday 11<sup>th</sup> June 2025 – 9am (Calculator)

Week	Focus	In School	At Home
06/01/25	Ratio and proportion	<ul style="list-style-type: none"> <li>● Diving ratios</li> <li>● Combining ratios</li> <li>● Problem solving with ratios</li> </ul>	<p>Self-determined revision – go through the <b>QLA</b> (Question by question analysis – given out in class) and revise red and amber topics. Use Mathsgenie, Corbettmaths or Sparxmaths, or first class maths to close gaps in learning.</p> <p><a href="https://www.mathsgenie.co.uk/">https://www.mathsgenie.co.uk/</a>  <a href="https://corbettmaths.com/contents/">https://corbettmaths.com/contents/</a>  <a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
13/01/25	Ratio and proportion	<ul style="list-style-type: none"> <li>● Diving ratios</li> <li>● Combining ratios</li> <li>● Problem solving with ratios</li> </ul>	<p><a href="#">Exam papers Set 3</a>            Complete paper 1 of the exam papers given out in class (Nov 2022). Mark using the mark scheme and complete the corrections in red pen using the worked solutions. Exam papers and answers can be found at <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p><b><a href="#">Revise for Friday Quiz 6 – Graphs and sequences</a></b>            Revision Guide Page 36-39 and 34-35            Watch the following videos on Graphs and sequences (Maths genie) and complete the questions.  <a href="https://www.mathsgenie.co.uk/sequences.php">https://www.mathsgenie.co.uk/sequences.php</a>  <a href="https://www.mathsgenie.co.uk/lineargraphs.php">https://www.mathsgenie.co.uk/lineargraphs.php</a>  <a href="https://www.mathsgenie.co.uk/equation-of-a-line.html">https://www.mathsgenie.co.uk/equation-of-a-line.html</a>  <a href="https://www.mathsgenie.co.uk/quadratic-graphs.html">https://www.mathsgenie.co.uk/quadratic-graphs.html</a>  <a href="https://www.mathsgenie.co.uk/cubic-reciprocal.html">https://www.mathsgenie.co.uk/cubic-reciprocal.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
20/01/25	Number	<ul style="list-style-type: none"> <li>● Fractions</li> <li>● Decimals</li> <li>● Standard form</li> </ul>	<p>Watch the following video and make notes -            All of Probability in 30 Minutes!! Foundation &amp; Higher Grades 4-9 Maths Revision   GCSE Maths Tutor  <a href="https://www.youtube.com/watch?v=h78FV6dRETI">https://www.youtube.com/watch?v=h78FV6dRETI</a></p> <p>Revise using 1<sup>st</sup> class Maths Questions  <a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Watch Maths genie (grade 1 topics) and complete the questions on the video and exam questions worksheet.  <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>

27/01/25	Number	<ul style="list-style-type: none"> <li>• Fractions</li> <li>• Decimals</li> <li>• Standard form</li> </ul>	<p><b><u>Revise for Friday Quiz 7 – Fractions and percentages</u></b>  Revision Guide Pages Page 13-15 and 55-58  Watch the following videos on fractions and percentages (Maths genie) and complete the questions.  <a href="https://www.mathsgenie.co.uk/writing-fractions.php">https://www.mathsgenie.co.uk/writing-fractions.php</a>  <a href="https://www.mathsgenie.co.uk/fraction-of-amount.php">https://www.mathsgenie.co.uk/fraction-of-amount.php</a>  <a href="https://www.mathsgenie.co.uk/FDP.php">https://www.mathsgenie.co.uk/FDP.php</a>  <a href="https://www.mathsgenie.co.uk/writing-fractions.php">https://www.mathsgenie.co.uk/writing-fractions.php</a>  <a href="https://www.mathsgenie.co.uk/fractions.php">https://www.mathsgenie.co.uk/fractions.php</a>  <a href="https://www.mathsgenie.co.uk/percentages.php">https://www.mathsgenie.co.uk/percentages.php</a>  <a href="https://www.mathsgenie.co.uk/percentage-change.php">https://www.mathsgenie.co.uk/percentage-change.php</a>  <a href="https://www.mathsgenie.co.uk/reverse-percentages.php">https://www.mathsgenie.co.uk/reverse-percentages.php</a></p> <p><u>Exam papers Set 3</u>  Complete paper 2 of the exam papers given out in class (Nov 2022) Mark using the mark scheme and complete the corrections in red pen using the worked solutions.  Exam papers and answers can be found at  <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Watch the following video and make notes -  All of Number in Less Than 1 Hour!! Foundation &amp; Higher Grades 4-9 Maths Revision   GCSE Maths Tutor - YouTube</p> <p>Watch Maths genie (grade 2 topics) and complete the questions on the video and exam questions worksheet.  <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
03/02/25	Triangles	<ul style="list-style-type: none"> <li>• Right-angled triangles</li> <li>• Pythagoras</li> <li>• Trigonometry</li> </ul>	<p>Watch the following video and make notes -  All of Ratio in 30 Minutes!! Foundation &amp; Higher Grades 4-9 Maths Revision   GCSE Maths Tutor  <a href="https://www.youtube.com/watch?v=blzZWMWog8c">https://www.youtube.com/watch?v=blzZWMWog8c</a></p> <p>Revise using 1<sup>st</sup> class Maths Questions  <a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Continue to watch Maths genie (grade 3 topics) and complete the questions on the video and exam questions worksheet. <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>

10/02/25	<p>Constructions</p> <ul style="list-style-type: none"> <li>• Constructions</li> <li>• Loci</li> </ul>	<p><b><u>Revise for Friday Quiz 8 – HCF, LCM and Prime factors</u></b></p> <p>Revision Guide Pages 11-12</p> <p>Watch the following videos on Factors and multiples (Maths genie) and complete the questions.</p> <p><a href="https://www.mathsgenie.co.uk/recipe-questions.php">https://www.mathsgenie.co.uk/recipe-questions.php</a></p> <p><a href="https://www.mathsgenie.co.uk/proportion.php">https://www.mathsgenie.co.uk/proportion.php</a></p> <p><a href="https://www.mathsgenie.co.uk/HCFLCM.php">https://www.mathsgenie.co.uk/HCFLCM.php</a></p> <p><u>Exam papers Set 3</u></p> <p>Complete paper 3 of the exam papers given out in class (Nov 2022) Mark using the mark scheme and complete the corrections in red pen using the worked solutions.</p> <p>Exam papers and answers can be found at <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Watch the following video and make notes - All of Algebra in just over 1 Hour!! Foundation &amp; Higher Grade 4-9 Maths Revision   GCSE Maths Tutor</p> <p><a href="https://www.youtube.com/watch?v=LPKH04Nw8Zk">https://www.youtube.com/watch?v=LPKH04Nw8Zk</a></p> <p>Watch Maths genie (grade 3 topics) and complete the questions on the video and exam questions worksheet.</p> <p><a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
17/02/25	<p style="text-align: center;"><b>HALF TERM</b></p>	<p>Self-determined revision – go through the <b>QLA</b> from Mock 1 and revise red and amber topics. Use Maths genie, Corbettmaths or Sparxmaths to close gaps in learning.</p> <p><a href="https://www.mathsgenie.co.uk">https://www.mathsgenie.co.uk</a></p> <p><a href="https://corbettmaths.com/contents/">https://corbettmaths.com/contents/</a></p> <p>Revise using 1<sup>st</sup> class Maths Questions</p> <p><a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Continue to watch Maths genie (grade 4 topics) and complete the questions on the video and exam questions worksheet.</p> <p><a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>

24/02/25	Transformations	<ul style="list-style-type: none"> <li>• Reflection</li> <li>• Translation</li> <li>• Rotation</li> <li>• Enlargement</li> <li>• Vectors</li> </ul>	<p><u><a href="#">Exam papers Set 4</a></u>  Complete Paper 1 of the exam papers given out in class (May/June 2023). Mark using the mark scheme and complete the corrections in red pen using the worked solutions. Exam papers and answers can be found at <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Watch the following video and make notes  All of Statistics in 30 Minutes!! Foundation &amp; Higher Grades 4-9 Maths Revision   GCSE Maths Tutor  <a href="https://www.youtube.com/watch?v=UK3vRw1MKps">https://www.youtube.com/watch?v=UK3vRw1MKps</a></p> <p>Revise using 1<sup>st</sup> class Maths Questions  <a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Watch Maths genie (grade 4 topics) and complete the questions on the video and exam questions worksheet.  <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
03/03/25	Angles	<ul style="list-style-type: none"> <li>• Angles in triangles</li> <li>• Angles in quadrilaterals</li> <li>• Angles in parallel lines</li> <li>• Bearings</li> </ul>	<p><b><u><a href="#">Revise for Friday Quiz 9 – Expanding and inequalities</a></u></b>  Revision guide Page 32-33, 28, 43  Watch the following videos on Inequalities and expanding brackets (Maths genie) and complete the questions.  <a href="https://www.mathsgenie.co.uk/inequalities.html">https://www.mathsgenie.co.uk/inequalities.html</a>  <a href="https://www.mathsgenie.co.uk/expanding-and-factorising.html">https://www.mathsgenie.co.uk/expanding-and-factorising.html</a>  <a href="https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html">https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html</a></p> <p>Watch the following video and make notes  All of Geometry in 1 hour!! Foundation &amp; Higher Grades 4-9 Maths Revision   GCSE Maths Tutor  <a href="https://www.youtube.com/watch?v=RMJCOI6qtUA">https://www.youtube.com/watch?v=RMJCOI6qtUA</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
10/03/25	Angles	<ul style="list-style-type: none"> <li>• Angles in triangles</li> <li>• Angles in quadrilaterals</li> <li>• Angles in parallel lines</li> <li>• Bearings</li> </ul>	<p><u><a href="#">Exam papers Set 4</a></u>  Complete Paper 2 of the exam papers given out in class (May/June 2023). Mark using the mark scheme and complete the corrections in red pen using the worked solutions. Exam papers and answers can be found at <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Revise using 1<sup>st</sup> class Maths Questions  <a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Watch Maths genie (grade 5 topics) and complete the questions on the video and exam questions worksheet.  <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>

17/03/25	Statistics and probability	<ul style="list-style-type: none"> <li>• Data collection</li> <li>• Averages and range</li> <li>• Probability</li> </ul>	<p><b><u>Revise for Friday Quiz 10 – Angles</u></b>  <b>Revision Guide Pages 72-76</b>  Watch the following videos on Substitution and Solving equations (Maths genie) and complete the questions.  <a href="https://www.mathsgenie.co.uk/angles.html">https://www.mathsgenie.co.uk/angles.html</a>  <a href="https://www.mathsgenie.co.uk/angles-parallel.html">https://www.mathsgenie.co.uk/angles-parallel.html</a>  <a href="https://www.mathsgenie.co.uk/angles-polygons.html">https://www.mathsgenie.co.uk/angles-polygons.html</a></p> <p>Catch up on Maths genie (grade 1-5 topics) and complete the questions on the video and exam questions worksheet.  <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Watch the following videos and make notes  Everything You Need to Pass Your GCSE Maths Exam! In 2 hours! Higher &amp; Foundation Revision   Edexcel  <a href="https://www.youtube.com/watch?v=8A3crqKb13I">https://www.youtube.com/watch?v=8A3crqKb13I</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
24/03/25 (Assessment Weeks x 2)	Independent revision	<b>Mock Exams</b> <b>Paper 1– Non-calculator</b> <b>Paper 2 – Calculator</b> <b>Paper 3 – Calculator</b>	<p><u>Exam papers Set 4</u>  Complete Paper 3 of the exam papers given out in class (May/June 2023). Mark using the mark scheme and complete the corrections in red pen using the worked solutions. Exam papers and answers can be found at <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Use the multiple resources given this year</p> <ul style="list-style-type: none"> <li>• Revise using Maths genie – videos, worksheets and solutions  <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></li> </ul> <p><u>The Ultimate GCSE Maths Revision Video   GCSE Maths Exam 2024   Resit Exams 2023   Crossover (youtube.com)</u></p> <p>Revisit the exam papers given out in class (Sets 1-4) Mark using the mark scheme and complete the corrections in red pen using the worked solutions. (Mathsgenie)  <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Revise using 1<sup>st</sup> class Maths Questions  <a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>

07/04/25	EASTER		<p><a href="#">Exam papers Set 5</a> Complete all papers given out in class (Nov 2021) and ask a parent/guardian to check your answers online and mark your work. Exam papers and answers can be found at <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Paper 2 Crossover <a href="https://www.bing.com/videos/riverview/relatedvideo?&amp;q=maths+paper+2+foundation+paper&amp;&amp;mid=77D6E233E276638B2E7277D6E233E276638B2E72&amp;&amp;FORM=VRDGAR">https://www.bing.com/videos/riverview/relatedvideo?&amp;q=maths+paper+2+foundation+paper&amp;&amp;mid=77D6E233E276638B2E7277D6E233E276638B2E72&amp;&amp;FORM=VRDGAR</a></p> <p>Paper 2 Higher <a href="https://www.bing.com/videos/riverview/relatedvideo?&amp;q=maths+paper+2+higher+paper&amp;&amp;mid=EF525960AFDBFC27139CE525960AFDBFC27139C&amp;&amp;FORM=VRDGAR">https://www.bing.com/videos/riverview/relatedvideo?&amp;q=maths+paper+2+higher+paper&amp;&amp;mid=EF525960AFDBFC27139CE525960AFDBFC27139C&amp;&amp;FORM=VRDGAR</a></p> <p>Revise using 1<sup>st</sup> class Maths Questions <a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Watch Maths genie (grade 8/9 topics) and complete the questions on the video and exam questions worksheet. <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
21/04/25	Revision/ Predicted papers	Revision/ Predicted papers	<p>Self-determined revision – go through the <b>QLA</b> and revise red and amber topics. Use Mathsgenie, Corbettmaths or Sparxmaths to close gaps in learning. <a href="https://www.mathsgenie.co.uk">https://www.mathsgenie.co.uk</a> <a href="https://corbettmaths.com/contents/">https://corbettmaths.com/contents/</a></p> <p>Predicted papers from Mathsgenie, 1<sup>st</sup> class maths and Maths tutor.</p> <p>Revise using 1<sup>st</sup> class Maths Questions <a href="https://www.1stclassmaths.com/edexcelrevision">https://www.1stclassmaths.com/edexcelrevision</a></p> <p>Continue to watch Maths genie (grade 8/9 topics) and complete the questions on the video and exam questions worksheet. <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>

28/04/25	Revision	<ul style="list-style-type: none"> <li>Revision</li> </ul>	<p><u><a href="#">Exam papers Set 6</a></u>          Complete paper 1-3 of the exam papers given out in class (May/June 2024) and ask a parent/guardian to check your answers online and mark your work. Exam papers and answers can be found at <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Watch Maths genie (grade 3-9 topics) on any questions you have struggled with. Complete the questions on the video and exam questions worksheet.  <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
05/05/25	<h2>EXAMS START</h2>		<p>Use the multiple resources given this year</p> <ul style="list-style-type: none"> <li>Revise using Maths genie – videos, worksheets and solutions  <a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></li> </ul> <p>Watch the following video and make notes – Paper 1 – Crossover <a href="#">Bing Videos</a></p> <ul style="list-style-type: none"> <li>Revisit the exam papers given out in class (Sets 1-6) and check your work using the online solutions on Maths genie  <a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></li> </ul> <p>Complete a Predicted paper on OnMaths - <a href="https://www.onmaths.com/mock_exams/?archiveType=predictions">https://www.onmaths.com/mock_exams/?archiveType=predictions</a></p> <p>Use Sparxmaths to complete homework and independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>