

# MATHEMATICS FOUNDATION (SETS 2b, 3a & 3b)

## EXAM BOARD: EDEXCEL

- GCSE Paper 1 – Friday 19<sup>th</sup> May 2023 – 9am (Non-calculator)
- GCSE Paper 2 – Wednesday 7<sup>th</sup> June 2023 – 9am (Calculator)
- GCSE Paper 3 – Wednesday 14<sup>th</sup> June 2023 – 9am (Calculator)

Week	Focus	In School	At Home
30/01/23	Trigonometry /Number	<ul style="list-style-type: none"> <li>• Missing sides and angles in right angled triangles</li> <li>• Standard form</li> </ul>	<p><u><a href="#">Exam papers Set 1</a></u> Continue the exam papers given out in class (June 2018) 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 - <u><a href="#">All of Number in Less Than 1 Hour!! Foundation &amp; Higher Grades 4-9 Maths Revision   GCSE Maths Tutor - YouTube</a></u></p> <p>Complete a Mini Mock exam on OnMaths - <a href="https://www.onmaths.com/mock_exams/?archiveType=minimocks">https://www.onmaths.com/mock_exams/?archiveType=minimocks</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 independent revision <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
06/02/23	Number	<ul style="list-style-type: none"> <li>• Estimation</li> <li>• Error Intervals</li> <li>• Bounds</li> </ul>	<p><b><u><a href="#">Revise for Friday Quiz 8 – Sequences and Graphs</a></u></b> <b>Revision Guide Pages 34-40, 44-45 &amp; 48</b> <b>Watch the following videos on sequences and graphs (Maths genie) and complete the questions.</b> <a href="https://www.mathsgenie.co.uk/sequences.html">https://www.mathsgenie.co.uk/sequences.html</a> <a href="https://www.mathsgenie.co.uk/lineargraphs.html">https://www.mathsgenie.co.uk/lineargraphs.html</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><u><a href="#">Exam papers Set 2</a></u> Complete the exam papers given out in class (Nov 2018) 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 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>

13/02/23	<h1>HALF TERM</h1>		<p><u><a href="#">Exam papers Set 2</a></u> Continue the exam papers given out in class (Nov 2018) 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 <a href="https://www.youtube.com/watch?v=LPKH04Nw8Zk">https://www.youtube.com/watch?v=LPKH04Nw8Zk</a></p> <p>Complete a Mini Mock exam on OnMaths - <a href="https://www.onmaths.com/mock_exams/?archiveType=minimocks">https://www.onmaths.com/mock_exams/?archiveType=minimocks</a></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>
20/02/23	<p>Vectors</p> <ul style="list-style-type: none"> <li>• Drawing column Vectors</li> <li>• Resultant Vectors</li> </ul>	<ul style="list-style-type: none"> <li>• Drawing column Vectors</li> <li>• Resultant Vectors</li> </ul>	<p><b><u><a href="#">Revise for Friday Quiz 9 – Volume and Surface Area</a></u></b> <b>Revision Guide Pages 80-85</b> Watch the following videos on Volume and Surface area (Maths genie) and complete the questions. <a href="https://www.mathsgenie.co.uk/area-perimeter.html">https://www.mathsgenie.co.uk/area-perimeter.html</a> <a href="https://www.mathsgenie.co.uk/surfacearea.html">https://www.mathsgenie.co.uk/surfacearea.html</a> <a href="https://www.mathsgenie.co.uk/volume.html">https://www.mathsgenie.co.uk/volume.html</a> <a href="https://www.mathsgenie.co.uk/cylinders.html">https://www.mathsgenie.co.uk/cylinders.html</a></p> <p><u><a href="#">Exam papers Set 3</a></u> Complete the exam papers given out in class (June 2019) 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 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>
27/02/23	<p>Number</p> <ul style="list-style-type: none"> <li>• Fractions</li> <li>• Percentages</li> </ul>	<ul style="list-style-type: none"> <li>• Fractions</li> <li>• Percentages</li> </ul>	<p><u><a href="#">Exam papers Set 3</a></u> Continue the exam papers given out in class (June 2019) 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>Complete a Mini Mock exam on OnMaths - <a href="https://www.onmaths.com/mock_exams/?archiveType=minimocks">https://www.onmaths.com/mock_exams/?archiveType=minimocks</a></p> <p>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>

06/03/23	Ratio	<ul style="list-style-type: none"> <li>• Ratio revision</li> <li>• Currency conversion</li> <li>• Best buy</li> <li>• Worded Inverse proportion</li> </ul>	<p><b><u>Revise for Friday Quiz 10 – Substitution and Solving Equations</u></b></p> <p>Revision Guide Pages 25-27 and 30-31</p> <p>Watch the following videos on Substitution and Solving equations (Maths genie) and complete the questions.</p> <p><a href="https://www.mathsgenie.co.uk/substitution.html">https://www.mathsgenie.co.uk/substitution.html</a></p> <p><a href="https://www.mathsgenie.co.uk/function-machines.html">https://www.mathsgenie.co.uk/function-machines.html</a></p> <p><a href="https://www.mathsgenie.co.uk/solving-equations.html">https://www.mathsgenie.co.uk/solving-equations.html</a></p> <p><a href="https://www.mathsgenie.co.uk/forming-and-solving-equations.html">https://www.mathsgenie.co.uk/forming-and-solving-equations.html</a></p> <p><u>Exam papers Set 4</u></p> <p>Complete the exam papers given out in class (Nov 2019) 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 the following video and make notes</p> <p>All of Geometry in 1 hour!! Foundation &amp; Higher Grades 4-9 Maths Revision   GCSE Maths Tutor</p> <p><a href="https://www.youtube.com/watch?v=RMJCOI6qtUA">https://www.youtube.com/watch?v=RMJCOI6qtUA</a></p>
13/03/23 (Assessment Week)	Independent revision	<p><b>Mock Exams</b></p> <p><b>Paper 1– Non-calculator</b></p> <p><b>Paper 2 – Calculator</b></p> <p><b>Paper 3 – Calculator</b></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</li> </ul> <p><a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a></p> <ul style="list-style-type: none"> <li>• Revisit the exam papers given out in class (Sets 1-4) and check your work using the online solutions on Maths genie</li> </ul> <p><a href="https://www.mathsgenie.co.uk/papers.html">https://www.mathsgenie.co.uk/papers.html</a></p> <p>Watch the following videos and make notes</p> <p>Everything You Need to Pass Your GCSE Maths Exam! In 2 hours! Higher &amp; Foundation Revision   Edexcel</p> <p><a href="https://www.youtube.com/watch?v=8A3crqKb13I">https://www.youtube.com/watch?v=8A3crqKb13I</a></p> <p>Use Sparxmaths to complete independent revision</p> <p><a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p>
20/03/23	Geometry	<ul style="list-style-type: none"> <li>• Transformations</li> <li>• Similarity</li> <li>• Construction and Loci</li> </ul>	<p><u>Exam papers Set 5</u></p> <p>Complete the exam papers given out in class (June 2020) 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>Complete a Mini Mock exam on OnMaths - <a href="https://www.onmaths.com/mock_exams/?archiveType=minimocks">https://www.onmaths.com/mock_exams/?archiveType=minimocks</a></p> <p>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>

27/03/23	Revision	<ul style="list-style-type: none"> <li>Revision based on Mock exams/ Quizzes/ CPL tasks</li> </ul>	<p>Self-determined revision – go through the <u>QLA</u> 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>  <a href="https://corbettmaths.com/contents/">https://corbettmaths.com/contents/</a>  <a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a></p> <p><u>Exam papers Set 5</u>  Continue the exam papers given out in class (June 2020)  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 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>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>
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