

MATHEMATICS HIGHER

EXAM BOARD: EDEXCEL

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

Week	Focus	In School	At Home
06/01/25	Indices and surds	<ul style="list-style-type: none"> ● Negative Indices ● Fractional Indices 	<p>Mock papers – corrections Red pen Mock 1 exams using the worked solutions (given in class)</p> <p>Self-determined revision – go through the QLA and revise red and amber topics. Use Mathsgenie, Corbettmaths or Sparxmaths to close gaps in learning. https://www.mathsgenie.co.uk https://corbettmaths.com/contents/</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
13/01/25	Surds	<ul style="list-style-type: none"> ● Simplifying surds ● Expanding brackets ● Rationalising the denominator 	<p><u>Exam papers Set 3</u> 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 https://www.mathsgenie.co.uk/papers.html</p> <p>Revise for Friday Quiz 6 – Graphs Revision Guide Pages 25-30 and 39-40 Watch the following videos on Graphs (Maths genie) and complete the questions. https://www.mathsgenie.co.uk/equation-of-a-line.html https://www.mathsgenie.co.uk/parallel-and-perpendicular-lines.html https://www.mathsgenie.co.uk/equation-of-tangent.html https://www.mathsgenie.co.uk/quadratic-graphs.html https://www.mathsgenie.co.uk/cubic-reciprocal.html https://www.mathsgenie.co.uk/harder-graphs.html https://www.mathsgenie.co.uk/transforming-graphs.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>

20/01/25	Trigonometry	<ul style="list-style-type: none"> Missing sides and angles in right angled triangles 	<p>Watch the following video and make notes - All of Probability in 30 Minutes!! Foundation & Higher Grades 4-9 Maths Revision GCSE Maths Tutor https://www.youtube.com/watch?v=h78FV6dRETI</p> <p>Revise using 1st class Maths Questions https://www.1stclassmaths.com/edexcelrevision</p> <p>Watch Maths genie (grade 3 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
27/01/25	Trigonometry	<ul style="list-style-type: none"> Sine Rule Cosine Rule 	<p><u>Revise for Friday Quiz 7 – Indices and Surds</u> Revision Guide Pages 2-3, 12 and 49 Watch the following videos on Indices and Surds (Maths genie) and complete the questions. https://www.mathsgenie.co.uk/indices.php https://www.mathsgenie.co.uk/indices2.php https://www.mathsgenie.co.uk/surds.php</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 https://www.mathsgenie.co.uk/papers.html</p> <p>Watch the following video and make notes - All of Number in Less Than 1 Hour!! Foundation & Higher Grades 4-9 Maths Revision GCSE Maths Tutor - YouTube</p> <p>Watch Maths genie (grade 4 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
03/02/25	Vectors	<ul style="list-style-type: none"> Column vectors Vector notation Solving vector problems in shapes 	<p>Watch the following video and make notes - All of Ratio in 30 Minutes!! Foundation & Higher Grades 4-9 Maths Revision GCSE Maths Tutor https://www.youtube.com/watch?v=blzZWMWog8c</p> <p>Revise using 1st class Maths Questions https://www.1stclassmaths.com/edexcelrevision</p> <p>Continue to watch Maths genie (grade 4 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>

10/02/25	Transformati ons	<ul style="list-style-type: none"> • Reflection • Rotation • Translation • Enlargement 	<p>Revise for Friday Quiz 8 – Proportion and Similarity Revision Guide Pages 60-61, 68-70 and 97-98 Watch the following videos on Proportion and similarity (Maths genie) and complete the questions. https://www.mathsgenie.co.uk/recipe-questions.php https://www.mathsgenie.co.uk/proportion.php https://www.mathsgenie.co.uk/similar-shapes-length.php https://www.mathsgenie.co.uk/similar-shapes-area-volume.php</p> <p><u>Exam papers Set 3</u> 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. Exam papers and answers can be found at https://www.mathsgenie.co.uk/papers.html</p> <p>Watch the following video and make notes - All of Algebra in just over 1 Hour!! Foundation & Higher Grade 4-9 Maths Revision GCSE Maths Tutor https://www.youtube.com/watch?v=LPKH04Nw8Zk</p> <p>Watch Maths genie (grade 5 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
17/02/25	<h1>HALF TERM</h1>		<p>Self-determined revision – go through the QLA from Mock 1 and revise red and amber topics. Use Mathsgenie, Corbettmaths or Sparxmaths to close gaps in learning. https://www.mathsgenie.co.uk https://corbettmaths.com/contents/</p> <p>Revise using 1st class Maths Questions https://www.1stclassmaths.com/edexcelrevision</p> <p>Continue to watch Maths genie (grade 5 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>

24/02/25	Angles	<ul style="list-style-type: none"> • Angles in triangles • Angles in quadrilaterals • Angles in parallel lines • Bearings 	<p><u>Exam papers Set 4</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 https://www.mathsgenie.co.uk/papers.html</p> <p>Watch the following video and make notes All of Statistics in 30 Minutes!! Foundation & Higher Grades 4-9 Maths Revision GCSE Maths Tutor https://www.youtube.com/watch?v=UK3vRw1MKps</p> <p>Revise using 1st class Maths Questions https://www.1stclassmaths.com/edexcelrevision</p> <p>Watch Maths genie (grade 6 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
03/03/25	Angles	<ul style="list-style-type: none"> • Circle theorems 	<p><u>Revise for Friday Quiz 9 – Pythagoras and Trigonometry</u> Revision Guide Pages 76-79 and 99-100 Watch the following videos on Pythagoras and trigonometry (Maths genie) and complete the questions. https://www.mathsgenie.co.uk/pythagoras.html https://www.mathsgenie.co.uk/3d-pythagoras.html https://www.mathsgenie.co.uk/sine-rule.html https://www.mathsgenie.co.uk/cosine-rule.html</p> <p>Watch the following video and make notes All of Geometry in 1 hour!! Foundation & Higher Grades 4-9 Maths Revision GCSE Maths Tutor https://www.youtube.com/watch?v=RMJCOI6qtUA</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
10/03/25	Data	<ul style="list-style-type: none"> • Histograms • Product rule • Stratified Sampling 	<p><u>Exam papers Set 4</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 https://www.mathsgenie.co.uk/papers.html</p> <p>Revise using 1st class Maths Questions https://www.1stclassmaths.com/edexcelrevision</p> <p>Watch Maths genie (grade 7 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>

17/03/25	Geometry	<ul style="list-style-type: none"> • Geometric sequences • Congruence • Constructions 	<p><u>Revise for Friday Quiz 10 – Angles</u> Revision Guide Page 73-75, 91 Watch the following videos on Substitution and Solving equations (Maths genie) and complete the questions. https://www.mathsgenie.co.uk/angles.html https://www.mathsgenie.co.uk/angles-parallel.html https://www.mathsgenie.co.uk/angles-polygons.html</p> <p>Catch up on Maths genie (grade 3-7 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Watch the following videos and make notes Everything You Need to Pass Your GCSE Maths Exam! In 2 hours! Higher & Foundation Revision Edexcel https://www.youtube.com/watch?v=8A3crqKb13I</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
24/03/25 (Assessment Weeks x 2)	Independent revision	Mock Exams Paper 1– Non-calculator Paper 2 – Calculator Paper 3 – Calculator	<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 https://www.mathsgenie.co.uk/papers.html</p> <p>Use the multiple resources given this year</p> <ul style="list-style-type: none"> • Revise using Maths genie – videos, worksheets and solutions https://www.mathsgenie.co.uk/gcse.html <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) https://www.mathsgenie.co.uk/papers.html</p> <p>Revise using 1st class Maths Questions https://www.1stclassmaths.com/edexcelrevision</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>

07/04/25	EASTER		<p>Exam papers Set 5 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 https://www.mathsgenie.co.uk/papers.html</p> <p>Paper 2 Crossover https://www.bing.com/videos/riverview/relatedvideo?&q=maths+paper+2+foundation+paper&&mid=77D6E233E276638B2E7277D6E233E276638B2E72&&FORM=VRDGAR</p> <p>Paper 2 Higher https://www.bing.com/videos/riverview/relatedvideo?&q=maths+paper+2+higher+paper&&mid=EF525960AFDBFC27139CE525960AFDBFC27139C&&FORM=VRDGAR</p> <p>Revise using 1st class Maths Questions https://www.1stclassmaths.com/edexcelrevision</p> <p>Watch Maths genie (grade 8/9 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
21/04/25	Revision/ Predicted papers	<ul style="list-style-type: none"> • Revision/ Predicted papers 	<p>Self-determined revision – go through the <u>QLA</u> and revise red and amber topics. Use Mathsgenie, Corbettmaths or Sparxmaths to close gaps in learning. https://www.mathsgenie.co.uk https://corbettmaths.com/contents/</p> <p>Predicted papers from Mathsgenie, 1st class maths and Maths tutor.</p> <p>Revise using 1st class Maths Questions https://www.1stclassmaths.com/edexcelrevision</p> <p>Continue to watch Maths genie (grade 8/9 topics) and complete the questions on the video and exam questions worksheet. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>

28/04/25	Geometry	<ul style="list-style-type: none"> • Geometric sequences • Congruence • Constructions 	<p><u>Exam papers Set 6</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 https://www.mathsgenie.co.uk/papers.html</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. https://www.mathsgenie.co.uk/gcse.html</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>
05/05/25	EXAMS START		<p>Use the multiple resources given this year</p> <ul style="list-style-type: none"> • Revise using Maths genie – videos, worksheets and solutions https://www.mathsgenie.co.uk/gcse.html <p>Watch the following video and make notes – Paper 1 – Crossover Bing Videos</p> <p>Watch the following video and make notes - Paper 1 revision – Higher Bing Videos</p> <ul style="list-style-type: none"> • Revisit the exam papers given out in class (Sets 1-6) and check your work using the online solutions on Maths genie https://www.mathsgenie.co.uk/papers.html <p>Complete a Predicted paper on OnMaths - https://www.onmaths.com/mock_exams/?archiveType=predictions</p> <p>Use Sparxmaths to complete homework and independent revision https://www.sparxmaths.uk/</p>