



Y11 Learning Journey. Subject: Maths

Exam Requirements: Your GCSE in Maths is structured, and examined, in the following way:

Paper One:	Paper Two:	Paper Three:
Non-Calculator, 1.5 hours. Some topics are more likely to come up on non-calculator, but there is not list of topics specific to this paper.	Calculator, 1.5 hours. This is no specific list of topics for this paper; it could be anything that was not on paper 1	Calculator, 1.5 hours. This is no specific list of topics for this paper; it could be anything that was not on paper 1 or paper 2. After paper 2, we will make a list of likely topics for paper 3.

Overview of the Year:

Week Beginning	The focus of your learning or revision this week: (the number in brackets is the grade level of the topic and helps you find it on Maths Genie • Learn GCSE Maths for Free)	Key assessment pieces or specific homework tasks (including deadlines of any coursework/NEAs)
08.09.2025	Venn diagrams (5)	In your 4 th hour maths lesson (the one with a different teacher), you will be working on indices (4)
15.09.2025	Linear simultaneous equations	4 th hour: Indices (4)
22.09.2025	Probability trees (5)	4 th hour: Expand triple brackets (6)
29.09.2025		4 th hour: Sequences (nth term) (4)
06.10.2025		4 th hour: The nth term of a quadratic sequence (8/9)
13.10.2025	Simplifying algebra (2); expanding and factorising (4); expanding and factorising quadratics (5); factorising harder quadratics (7)	4 th hour: Iteration (7)
20.10.2025	changing the subject of a formula (5); quadratic formula (7)	Assessment: In class tests on the topics covered so far in year 11.
Half Term		
03.11.2025	Percentages (3); Percentage change (3); compound interest and depreciation (4); reverse percentages (5); repeated percentage change (6)	4 th hour: <u>Inverse and composite functions (7)</u>
10.11.2025	Drawing graphs (3); drawing quadratic graphs (5); drawing other graphs cubic/reciprocal (5); solving simultaneous equations graphically (5);	4 th hour: <u>Inverse and composite functions (7)</u>
17.11.2025	Simultaneous equations (5);	4 th hour: <u>Plans and elevations (4)</u>
24.11.2025	gradient of a line (5); equation of a line (5); parallel and perpendicular lines (6); inequalities on graphs (6); trigonometric and exponential graphs (7)	4 th hour: <u>Prime factors, HCF and LCM (4)</u>
01.12.2025	Probability trees (5); Venn diagrams (5);	4 th hour: <u>Negative and fractional indices (6)</u>
08.12.2025	Revision	4 th hour: <u>Recurring decimals to fractions (6)</u>
15.12.2025	Assessment Week One	
Christmas Break		
05.01.2026	Similar shapes (lengths) (5); similar shapes (area and volume) (6)	4 th hour: Histograms (7)
12.01.2026	Volume of a prism (4); surface area (4); cylinders (4); spheres and cones (5);	4 th hour: Exam paper practice

19.01.2026	cumulative frequency (6), box plots (6); histograms (7)	4 th hour: Exam paper practice
26.01.2026	Angles (2); angles in parallel lines (4); angles in polygons (4);	4 th hour: Exam paper practice
02.02.2026	Circle theorems (6);	4 th hour: Exam paper practice
09.02.2026		
Half Term		
23.02.2026	Transformations (3); enlarging with negative scale factors (6)	4 th hour: Exam paper practice
02.03.2026	Direct and inverse proportion (6)	4 th hour: Exam paper practice
09.03.2026	Assessment Week Two	
16.03.2026	Speed and density (5)	4 th hour: Exam paper practice
23.03.2026	Standard form (5)	4 th hour: Exam paper practice
30.03.2026	Bounds (7)	4 th hour: Exam paper practice
Easter Break		
20.04.2026	Revision	4 th hour: Exam paper practice
27.04.2026	Revision	4 th hour: Exam paper practice
04.05.2026	Revision	4 th hour: Exam paper practice
11.05.2026	Provisional start to the GCSE Exams	

<p>Exam Practice:</p> <p>You can find past papers to help support your revision and develop your exam technique here:</p> <p>Maths Genie • Edexcel GCSE Maths Past Papers, Mark Schemes, Model Answers and Video Solutions</p>	<p>Revision Materials:</p> <p>We advise that you use the following revision materials:</p> <p>Revision guides GCSE Maths CGP Books</p> <p>Mainly, revise topics using Maths Genie • Learn GCSE Maths for Free and exam papers using Maths Genie • Edexcel GCSE Maths Past Papers, Mark Schemes, Model Answers and Video Solutions</p>
<p>Glossaries:</p> <p>Vocabulary lists to support your revision can be found here:</p> <p>Maths Glossary (studymaths.co.uk)</p>	<p>Advice and Guidance for Revision</p> <p>Include any other helpful tips, guidance or advice about how to approach revision in your subject here</p> <p>In maths, you must do questions. And the best questions are found in past papers. Don't do too much note taking or highlighting; this gives you a feeling of understanding but you might struggle to do the questions on your own.</p>

Direct and inverse proportion (5); Solving equations (3); Forming and solving (4)

Direct and inverse proportion (7);

Surds (7);

Trigonometry (5); The sine rule (7);

the cosine rule (7), Finding the area of any triangle (7); 3d Pythagoras and trigonometry (7)