



Y11 Learning Journey. Subject: GCSE Maths

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

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

Week Beginning	The focus of your learning or revision this week will be mainly on the Grade 3 and Grade 4 topics – help videos and practice can be found here: Maths Genie • Learn GCSE Maths for Free	Key assessment pieces or specific homework tasks (including deadlines of any coursework/NEAs)
05/09/22	Substitution, two-way tables	In your 4 th hour maths lesson (the one with a different teacher), you will be working on
12/09/22	Percentages	Simplifying algebra
19/09/22	Fractions (1)	Transformations
26/09/22	Percentage change, Estimating	Transformations
03/10/22	Fractions (2)	Plans and elevations
10/10/22	Area and Circumference of circles	Primes, factors, multiples
17/10/22	Ratio, error intervals	Assessment: In class tests on the topics covered so far in year 11.
Half Term		
31/10/22	Angles in parallel lines, plans and elevations	Frequency trees
07/11/22	Averages from tables, scatter graphs	Probability
14/11/22	Solving equations	Systematic listing
21/11/22	Area of compound shapes	Revision
28/11/22	Expanding and factorising, compound interest/depreciation	Revision
05/12/22	Exchange rates, proportion	Revision
12/12/22	Assessment Week One	
19/12/22	Exam feedback	
Christmas Break		
09/01/23	Sequences, Venn diagrams	Revision
16/01/23	Pythagoras	4 th hour: Exam paper practice
23/01/23	Angles in polygons, bearings	4 th hour: Exam paper practice
30/01/23	Best buy questions, conversions and units	4 th hour: Exam paper practice
06/02/23	Reverse percentages	4 th hour: Exam paper practice
Half Term		
20/02/23	Drawing graphs, scale drawing	4 th hour: Exam paper practice
27/02/23	Surface area, vectors	4 th hour: Exam paper practice

06/03/23	Assessment Week Two	
13/03/23	Volume of a prism, cylinders	4 th hour: Exam paper practice
20/03/23	Distance time graphs, standard form	4 th hour: Exam paper practice
27/03/23	Forming and solving equations,	4 th hour: Exam paper practice
03/04/23	Inequalities, Loci and construction	4 th hour: Exam paper practice
Easter Break		
24/04/23	Revision	4 th hour: Exam paper practice
01/05/23	Revision	4 th hour: Exam paper practice
08/05/23	Revision	4 th hour: Exam paper practice
15/05/23	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>Use the quizzes used in class to self-test yourself on key skills and prior knowledge.</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>