



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 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)
1	Substitution, two-way tables	In your 4 th hour maths lesson (the one with a different teacher), you will be working on
2	Percentages	Simplifying algebra
3	Fractions (1)	Transformations
4	Percentage change, Estimating	Transformations
5	Fractions (2)	Plans and elevations
6	Area and Circumference of circles	Primes, factors, multiples
7	Ratio, error intervals	Assessment
8	Angles in parallel lines, plans and elevations	Frequency trees
Half Term		
9	Averages from tables, scatter graphs	Probability
10	Solving equations	Systematic listing
11	Area of compound shapes	Revision
12	Assessment Week One	
13	Exam feedback	
14	Work on topics from exam	
15	Exchange rates, proportion	
Christmas Break		
16	Sequences, Venn diagrams	Revision
17	Pythagoras	4 th hour: Exam paper practice
18	Angles in polygons, bearings	4 th hour: Exam paper practice
19	Best buy questions, conversions and units	4 th hour: Exam paper practice
20	Reverse percentages	4 th hour: Exam paper practice

21	Drawing graphs, scale drawing	
Half Term		
22	Surface area, vectors	4 th hour: Exam paper practice
23	Assessment Week Two	
24	Volume of a prism, cylinders	4 th hour: Exam paper practice
25	Distance time graphs, standard form	4 th hour: Exam paper practice
26	Forming and solving equations,	4 th hour: Exam paper practice
27	Inequalities, Loci and construction	4 th hour: Exam paper practice
Easter Break		
28	Revision	4 th hour: Exam paper practice
29	Revision	4 th hour: Exam paper practice
30	Revision	4 th hour: Exam paper practice
31	Provisional start to the GCSE Exams	

Exam Practice:

You can find past papers to help support your revision and develop your exam technique here:

[Maths Genie • Edexcel GCSE Maths Past Papers, Mark Schemes, Model Answers and Video Solutions](#)

Revision Materials:

We advise that you use the following revision materials:

Use the **quizzes used in class** to self-test yourself on key skills and prior knowledge.

Revision guides [GCSE Maths | CGP Books](#)

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](#)

Glossaries:

Vocabulary lists to support your revision can be found here:

[Maths Glossary \(studymaths.co.uk\)](#)

Advice and Guidance for Revision

Include any other helpful tips, guidance or advice about how to approach revision in your subject here

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.