



## Y11 Learning Journey. Subject: Maths GCSE

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 <a href="#">Maths Genie</a> • <a href="#">Learn GCSE Maths for Free</a> )	Key assessment pieces or specific homework tasks (including deadlines of any coursework/NEAs)
05/09/22	Simultaneous equations (5) <a href="https://www.mathsgenie.co.uk/simultaneous.html">https://www.mathsgenie.co.uk/simultaneous.html</a>	In your 4th hour maths lesson (the one with a different teacher), you will be working on: Collect like terms
12/09/22	Simultaneous equations continued	4th hour: Substitute numbers into formulae
19/09/22	Simultaneous equations continued	4th hour: Describe and construct the 4 transformations
26/09/22	Finding the equation of a line (5) <a href="https://www.mathsgenie.co.uk/gradient-of-a-line.html">https://www.mathsgenie.co.uk/gradient-of-a-line.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>	4th hour: Plans and Elevations
03/10/22	Finding the equation of a line continued	4th hour: Use primes, squares, cubes, roots, factors and multiples
10/10/22	Solving quadratic equations by factorising (5) <a href="https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html">https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html</a>	4th hour: Prime factorisation
17/10/22	Solving quadratic equations by factorising continued	4th hour: Frequency trees
<b>Half Term</b>		
31/10/22	Averages (2) <a href="https://www.mathsgenie.co.uk/averages.html">https://www.mathsgenie.co.uk/averages.html</a>	4th hour: Probability of events and expected outcomes
07/11/22	Averages from frequency tables (4) <a href="https://www.mathsgenie.co.uk/mean-tables.html">https://www.mathsgenie.co.uk/mean-tables.html</a>	4th hour: Systematic listing, two-way tables, sample space diagrams
14/11/22	Changing the subject (5) <a href="https://www.mathsgenie.co.uk/changing-the-subject1.html">https://www.mathsgenie.co.uk/changing-the-subject1.html</a>	4 <sup>th</sup> hour: Revision
21/11/22	Area and Volume : Prisms (5), pyramids and spheres (5) <a href="https://www.mathsgenie.co.uk/spheresandcones.html">https://www.mathsgenie.co.uk/spheresandcones.html</a> <a href="https://www.mathsgenie.co.uk/volume.html">https://www.mathsgenie.co.uk/volume.html</a>	4 <sup>th</sup> hour: Revision
28/11/22	Area and volume continued	4 <sup>th</sup> hour: Revision
05/12/22	Revision	4 <sup>th</sup> hour: Revision
12/12/22	<b>Assessment Week One</b>	
19/12/22	Revision	

Christmas Break		
09/01/23	Scatter graphs (4) <a href="https://www.mathsgenie.co.uk/scatter-graphs.html">https://www.mathsgenie.co.uk/scatter-graphs.html</a>	4 <sup>th</sup> hour: Exam paper practice
16/01/23	Vectors (5) <a href="https://www.mathsgenie.co.uk/column-vectors.html">https://www.mathsgenie.co.uk/column-vectors.html</a>	4 <sup>th</sup> hour: Exam paper practice
23/01/23	Vectors continued	4 <sup>th</sup> hour: Exam paper practice
30/01/23	Constructions and loci continued <a href="https://www.mathsgenie.co.uk/loci-and-construction.html">https://www.mathsgenie.co.uk/loci-and-construction.html</a>	4 <sup>th</sup> hour: Exam paper practice
06/02/23	Constructions and loci continued	4 <sup>th</sup> hour: Exam paper practice
Half Term		
20/02/23	All Topics will have been covered so from this point we will be revising everything since year 9	4 <sup>th</sup> hour: Exam paper practice
27/02/23	Revision	4 <sup>th</sup> hour: Exam paper practice
Assessment Week Two		
06/03/23		
13/03/23	Revision	4 <sup>th</sup> hour: Exam paper practice
20/03/23	Revision	4 <sup>th</sup> hour: Exam paper practice
27/03/23	Revision	4 <sup>th</sup> hour: Exam paper practice
03/04/23	Revision	4 <sup>th</sup> hour: Exam paper practice
Easter Break		
24/04/23	Revision	4 <sup>th</sup> hour: Exam paper practice
01/05/23	Revision	4 <sup>th</sup> hour: Exam paper practice
08/05/23	Revision	4 <sup>th</sup> hour: Exam paper practice
15/05/23		
Provisional start to the GCSE Exams		

<p><b>Exam Practice:</b></p> <p>You can find past papers to help support your revision and develop your exam technique here:</p> <p><a href="#">Maths Genie • Edexcel GCSE Maths Past Papers, Mark Schemes, Model Answers and Video Solutions</a></p>	<p><b>Revision Materials:</b></p> <p>We advise that you use the following revision materials:</p> <p>Include links to revision guides, revision checklists, knowledge organisers, skills check etc.</p> <p>Revision guides <a href="#">GCSE Maths   CGP Books</a></p> <p>Mainly, revise topics using <a href="#">Maths Genie • Learn GCSE Maths for Free</a> and exam papers using <a href="#">Maths Genie • Edexcel GCSE Maths Past Papers, Mark Schemes, Model Answers and Video Solutions</a></p>
<p><b>Glossaries:</b></p> <p>Vocabulary lists to support your revision can be found here:</p> <p><a href="#">Maths Glossary (studymaths.co.uk)</a></p>	<p><b>Advice and Guidance for Revision</b></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>