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** Maths Genie • Learn GCSE Maths for Free)	**Key assessment pieces or specific homework tasks (including deadlines of any coursework/NEAs)**
05/09/22	Linear inequalities (solving and on number line)(4) graphing (6)	In your 4th hour maths lesson (the one with a different teacher), you will be working on
12/09/22	Factorising linear expressions and quadratics a=1 (4)	4th hour: Collect like terms
19/09/22	Angles in polygons (4)	4th hour: Substitute numbers into formulae
26/09/22	Percentages recap (4-6)	4th hour: Describe and construct the 4 transformations
03/10/22	Simultaneous equations (5)	4th hour: Plans and Elevations
10/10/22	Averages from a table (4)	4th hour: Use primes, squares, cubes, roots, factors and multiples
17/10/22	Test and recap	Assessment: In class tests on the topics covered so far in year 11.
Half Term		
31/10/22	Trigonometry (5)	4th hour: Prime factorisation
07/11/22	Box plots(6)	4th hour: Frequency trees
14/11/22	Linear graphs (5) equation of a line, gradient of a line, y-intercept, drawing graphs	4th hour: Probability of events and expected outcomes
21/11/22	Graphing inequalities(6)	4th hour: Systematic listing, two-way tables, sample space diagrams
28/11/22	Fractional and negative indices (6)	4th hour:
05/12/22	Revision	4th hour:
12/12/22	**Assessment Week One**	
19/12/22	Exam feedback	
Christmas Break		
09/01/23	Factorising and solving quadratics (5)	4th hour:
16/01/23	Reverse percentages and percentage multipliers (5)	4th hour: Exam paper practice
23/01/23	Standard form (5)	4th hour: Exam paper practice
30/01/23	Forming and solving equations (4)	4th hour: Exam paper practice
06/02/23	Ratio recap (3)	4th hour: Exam paper practice
Half Term		

20/02/23	Area and volume, surface area (4)	4th hour: Exam paper practice
27/02/23	Expanding brackets, multiple single. Double, triple (3 – 6)	4th hour: Exam paper practice
06/03/23	**Assessment Week Two**	
13/03/23	Direct and inverse proportion (4&5)	4th hour: Exam paper practice
20/03/23	Circles, sector area, arc length (5)	4th hour: Exam paper practice
27/03/23	Revision	4th hour: Exam paper practice
03/04/23	Revision	4th hour: Exam paper practice
Easter Break		
24/04/23	Revision	4th hour: Exam paper practice
01/05/23	Revision	4th hour: Exam paper practice
08/05/23	Revision	4th hour: Exam paper practice
15/05/23	**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: Include links to revision guides, revision checklists, knowledge organisers, skills check etc. 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.