**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: |
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| 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. | 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) |
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| 05/09/22 | Solving equations (3); simultaneous equations (5); Factors, multiples and primes (1) | In your 4th hour maths lesson (the one with a different teacher), you will be working on |
| 12/09/22 | Error intervals (3); Fractions (3); Equation of a line (5) | 4th hour: Collecting like terms |
| 19/09/22 | Simplifying algebra (2); Estimating (3); Writing and simplifying ratio (3); BIDMAS (1) | 4th hour: Substituting numbers into formulae |
| 26/09/22 | Solving equations (3); forming and solving equations (4); Expanding Quadratics (5) Place Value (1) | 4th hour: Transformations |
| 03/10/22 | Ratio (3); Proportion (3); Averages (2); Time (1) | 4th hour: Plans and Elevations |
| 10/10/22 | Percentages (3); Percentage change (3); Negative Numbers (1); Pictograms (1) | 4th hour: Primes, squares, cubes, roots, factors and multiples |
| 17/10/22 | Exchange rates (3); Conversions and Units (3); Coordinates (1); Using a Calculator (2) | Assessment: In class tests on the topics covered so far in year 11. |
| **Half Term** | | |
| 31/10/22 | Changing the subject (5); Scale Drawings (3); Best Buy Questions (3); Fractions of an Amount (2) | 4th hour: Prime factorisation |
| 07/11/22 | Fractions, Decimals and Percentages (2); Volume of a Prism (4); Substitution (3) | 4th hour: Frequency trees |
| 14/11/22 | Solving Equations (3); Writing an Expression (2); Function Machines (2) | 4th hour: Probability of events and expectation |
| 21/11/22 | Angles (2); Area and Perimeter (2); Probability (2); Drawing Graphs (3); Area and Circumference of Circles (3) | 4th hour: Systematic listing, two-way tables and sample space diagrams |
| 28/11/22 | Transformations (3); Area of Compound Shapes (3); Bar Charts (2); Stem and Leaf (2) | 4th hour: Revision |
| 05/12/22 | Revision | 4th hour: Revision |
| 12/12/22 | **Assessment Week One** | |
| 19/12/22 | **Exam feedback** | |
| **Christmas Break** | | |
| 09/01/23 | Pie Charts (2) Frequency Trees (3); Two-way tables (3); Rounding (1) | 4th hour: Exam paper practice |
| 16/01/23 | Angles (2); angles in parallel lines (4); angles in polygons (4); Powers and Roots (1) | 4th hour: Exam paper practice |
| 23/01/23 | Simplifying algebra (2); expanding and factorising (4); | 4th hour: Exam paper practice |
| 30/01/23 | Revision | 4th hour: Exam paper practice |

| 06/02/23 | Revision | 4th hour: Exam paper practice |
|---|---|---|
| | **Half Term** | |
| 20/02/23 | Transformations (3); | 4th hour: Exam paper practice |
| 27/02/23 | Revision | 4th hour: Exam paper practice |
| 06/03/23 | **Assessment Week Two** | |
| 13/03/23 | Revision | 4th hour: Exam paper practice |
| 20/03/23 | Revision | 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:** | **Revision Materials:** |
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| You can find past papers to help support your revision and develop your exam technique here:<br><br>Maths Genie • Edexcel GCSE Maths Past Papers, Mark Schemes, Model Answers and Video Solutions | We advise that you use the following revision materials:<br><br>Revision guides GCSE Maths \| CGP Books<br>Mainly, revise topics using  Maths Genie • Learn GCSE Maths for Free<br>and exam papers using Maths Genie • Edexcel GCSE Maths Past Papers, Mark Schemes, Model Answers and Video Solutions<br>**You could use Memri or Fix Up 5 on Hegarty Maths** |
| **Glossaries:**<br><br>Vocabulary lists to support your revision can be found here:<br><br>Maths Glossary (studymaths.co.uk) | **Advice and Guidance for Revision**<br><br>Include any other helpful tips, guidance or advice about how to approach revision in your subject here<br><br>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. |