

Your GCSE mock will consist of two papers. You will sit one in the examination hall and one in class.

To help you start with revision we highly recommend that you begin with the following topics.

This list IS **NOT EXHAUSTIVE** and not all topics will necessarily be tested.

This list is intended as a starting point for revision only.

HIGHER TIER

- **Simple Interest**
- **Compound Interest**
- **Transformations (Usually TWO questions)**
- **Proportion & inverse proportion**
- **Pythagoras theorem**
- **Trigonometry – including exact trigonometric values.**
- **Scatter graphs & histograms.**
- **Indices (including fractional and negative)**
- **Constructions & loci**
- **Quadratics – factorising, using the formula, solving, completing the square, sketching.**

There will be optional questions. Should you wish to study these topics, they are

Similar Triangles (MathsWatch Clip 144)

Velocity- time graphs (MathsWatch Clip 216a)

FOUNDATION TIER

- **Rounding/Significant figures**
- **Subtracting and multiplying fractions.**
- **Simplifying expressions**
- **Substitution**
- **Scattergraphs**
- **Solving linear equations.**
- **Percentage of amounts**
- **Coordinates (including midpoints)**
- **Highest Common Factors (HCF) & Lowest Common Multiples (LCM)**
- **Angles in parallel lines**

There will be optional questions. Should you wish to study these topics, they are

Trigonometry – finding missing angles (MathsWatch clip 168)

Similar triangles (MathsWatch clip 144)

Venn Diagrams (probability) (MathsWatch clip 186)

Simultaneous Equations (Mathswatch clip 162)

If you need further advice, please speak to your teacher.