

## GCSE Revision Map – Mathematics - Foundation

Topic/Paper	Identify	Relearn	Practice
<b>Number:</b> <ol style="list-style-type: none"> <li>Types of number and BODMAS</li> <li>Negative Numbers</li> <li>Four Operations with Decimals</li> <li>Multiples, Factors and Prime factors</li> <li>LCM and HCF</li> <li>Fractions</li> <li>Fractions, Decimals, and percentages</li> <li>Rounding numbers</li> <li>Estimating</li> <li>Powers and Roots</li> <li>Standard Form</li> </ol>	Checklist Foundation: <a href="#">Link</a>	PMT: Detailed Notes, Worksheets and Solutions: <a href="#">Link</a> BBC Bitesize: Videos, Notes, tests and Quick-Fire Quizzes: <a href="#">Link</a> Corbett Maths: Videos, Worksheets, Exam-style questions and solutions: <a href="#">Link</a> MathsWatch: <a href="#">Link</a>	Mathsgenie Questions: <a href="#">Link</a> Corbett Maths Practice Papers: <a href="#">Link</a> PMT Topic Questions: <a href="#">Link</a> BBC Bitesize Exam Practice: <a href="#">Link</a> BBC Bitesize Quick-Fire Quizzes: <a href="#">Link</a> Mathsgenie: Pastpapers, video solutions, Mark Schemes: <a href="#">Link</a>
<b>Algebra</b> <ol style="list-style-type: none"> <li>Algebra basics</li> <li>Multiplying Out Brackets</li> <li>Factorising</li> <li>Solving equations</li> <li>Rearranging formulas</li> <li>Factorising quadratics</li> <li>Sequences</li> <li>Inequalities</li> <li>Simultaneous Equations</li> <li>Quadratic Equations</li> </ol>	Checklist Foundation: <a href="#">Link</a>	PMT: Detailed Notes, Worksheets and Solutions: <a href="#">Link</a> BBC Bitesize: Videos, Notes, tests and Quick-Fire Quizzes: <a href="#">Link</a> Corbett Maths: Videos, Worksheets, Exam-style questions and solutions: <a href="#">Link</a> MathsWatch: <a href="#">Link</a>	Mathsgenie Questions: <a href="#">Link</a> Corbett Maths Practice Papers: <a href="#">Link</a> PMT Topic Questions: <a href="#">Link</a> BBC Bitesize Exam Practice: <a href="#">Link</a> BBC Bitesize Quick-Fire Quizzes: <a href="#">Link</a> Mathsgenie: Pastpapers, video solutions, Mark Schemes: <a href="#">Link</a>
<b>Graphs</b> <ol style="list-style-type: none"> <li>Straight Lines and Gradients</li> <li>Drawing straight-line graphs</li> <li>Coordinates and ratios</li> <li>Quadratic graphs</li> <li>Harder graphs</li> <li>Real-Life Graphs</li> <li>Distance-Time Graphs</li> </ol>	Checklist Foundation: <a href="#">Link</a>	PMT: Detailed Notes, Worksheets and Solutions: <a href="#">Link</a> BBC Bitesize: Videos, Notes, tests and Quick-Fire Quizzes: <a href="#">Link</a> Corbett Maths: Videos, Worksheets, Exam-style questions and solutions: <a href="#">Link</a> MathsWatch: <a href="#">Link</a>	Mathsgenie Questions: <a href="#">Link</a> Corbett Maths Practice Papers: <a href="#">Link</a> PMT Topic Questions: <a href="#">Link</a> BBC Bitesize Exam Practice: <a href="#">Link</a> BBC Bitesize Quick-Fire Quizzes: <a href="#">Link</a> Mathsgenie: Pastpapers, video solutions, Mark Schemes: <a href="#">Link</a>
<b>Ratio, Proportion and Rates of Change</b> <ol style="list-style-type: none"> <li>Ratio</li> <li>Direct and Inverse Proportion</li> <li>Percentages</li> <li>Compound Growth and Decay</li> <li>Unit Conversions</li> <li>Speed, Density and Pressure</li> </ol>	Checklist Foundation: <a href="#">Link</a>	PMT: Detailed Notes, Worksheets and Solutions: <a href="#">Link</a> BBC Bitesize: Videos, Notes, tests and Quick-Fire Quizzes: <a href="#">Link</a> Corbett Maths: Videos, Worksheets, Exam-style questions and solutions: <a href="#">Link</a> MathsWatch: <a href="#">Link</a>	Mathsgenie Questions: <a href="#">Link</a> Corbett Maths Practice Papers: <a href="#">Link</a> PMT Topic Questions: <a href="#">Link</a> BBC Bitesize Exam Practice: <a href="#">Link</a> BBC Bitesize Quick-Fire Quizzes: <a href="#">Link</a> Mathsgenie: Pastpapers, video solutions, Mark Schemes: <a href="#">Link</a>

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<b>Geometry and Measures</b> <ol style="list-style-type: none"> <li>1. Angles in Polygons</li> <li>2. Triangles and Quadrilaterals</li> <li>3. Circle Theorems</li> <li>4. Congruent and Similar Shapes</li> <li>5. Transformations</li> <li>6. Area and Circumference</li> <li>7. Surface Area and Volume</li> <li>8. Constructions</li> <li>9. Bearings</li> <li>10. Pythagoras' Theorem</li> <li>11. Trigonometry and Exact Trigonometry – Sin, Cos, Tan</li> <li>12. Basic Vectors</li> <li>13. Maps and Scale</li> </ol>	Checklist Foundation: <a href="#">Link</a>	PMT: Detailed Notes, Worksheets and Solutions: <a href="#">Link</a> BBC Bitesize: Videos, Notes, tests and Quick-Fire Quizzes: <a href="#">Link</a> Corbett Maths: Videos, Worksheets, Exam-style questions and solutions: <a href="#">Link</a> MathsWatch: <a href="#">Link</a>	Mathsgenie Questions: <a href="#">Link</a> Corbett Maths Practice Papers: <a href="#">Link</a> PMT Topic Questions: <a href="#">Link</a> BBC Bitesize Exam Practice: <a href="#">Link</a> BBC Bitesize Quick-Fire Quizzes: <a href="#">Link</a> Mathsgenie: Pastpapers, video solutions, Mark Schemes: <a href="#">Link</a>
<b>Probability and Statistics</b> <ol style="list-style-type: none"> <li>1. Probability</li> <li>2. The AND/OR Rules</li> <li>3. Tree Diagrams</li> <li>4. Sets and Venn Diagrams</li> <li>5. Sampling and Data Collection</li> <li>6. Averages and Range</li> <li>7. Frequency Tables</li> <li>8. Scatter Graphs</li> </ol>	Checklist Foundation: <a href="#">Link</a>	PMT: Detailed Notes, Worksheets and Solutions: <a href="#">Probability, Statistics</a> BBC Bitesize: Videos, Notes, tests and Quick-Fire Quizzes: <a href="#">Link</a> Corbett Maths: Videos, Worksheets, Exam-style questions and solutions: <a href="#">Link</a> MathsWatch: <a href="#">Link</a>	Mathsgenie Questions: <a href="#">Link</a> Corbett Maths Practice Papers: <a href="#">Link</a> PMT Topic Questions: <a href="#">Probability, Statistics</a> BBC Bitesize Exam Practice: <a href="#">Link</a> BBC Bitesize Quick-Fire Quizzes: <a href="#">Link</a> Mathsgenie: Pastpapers, video solutions, Mark Schemes: <a href="#">Link</a>