



## Maths

### Year 7

| Autumn Term  | Spring Term   | Summer Term  |
|--|---|--|
| <b>Half Term 1</b> <ul style="list-style-type: none"><li>Analysing and Displaying Data.</li><li>Number Skills.</li></ul>                 | <b>Half Term 1</b> <ul style="list-style-type: none"><li>Fractions and Percentages.</li><li>Probability.</li></ul>                      | <b>Half Term 1</b> <ul style="list-style-type: none"><li>Lines and Angles.</li><li>Sequences and Graphs.</li></ul> |
| <b>Half Term 2</b> <ul style="list-style-type: none"><li>Expressions, Functions &amp; Formulae.</li><li>Decimals and Measures.</li></ul> | <b>Half Term 2</b> <ul style="list-style-type: none"><li>Probability.</li><li>Ratio and Proportion.</li><li>Lines and Angles.</li></ul> | <b>Half Term 2</b> <ul style="list-style-type: none"><li>Transformations.</li><li>STEM Project.</li></ul>          |

### Year 8

| Autumn Term  | Spring Term  | Summer Term   |
|--|--|---|
| <b>Half Term 1</b> <ul style="list-style-type: none"><li>Number.</li><li>Area and Volume.</li><li>Statistics, Graphs and Charts.</li></ul>                     | <b>Half Term 1</b> <ul style="list-style-type: none"><li>Real Life Graphs.</li><li>Decimals and Ratio.</li></ul>         | <b>Half Term 1</b> <ul style="list-style-type: none"><li>Calculating with Fractions.</li><li>Straight Line Graphs.</li></ul>  |
| <b>Half Term 2</b> <ul style="list-style-type: none"><li>Statistics, Graphs and Charts.</li><li>Expressions and Equations.</li><li>Real Life Graphs.</li></ul> | <b>Half Term 2</b> <ul style="list-style-type: none"><li>Lines and Angles.</li><li>Calculating with Fractions.</li></ul> | <b>Half Term 2</b> <ul style="list-style-type: none"><li>Percentages, Decimals and Fractions.</li><li>STEM Project.</li></ul> |

### Year 9

| Autumn Term  | Spring Term  | Summer Term  |
|--|--|--|
| <b>Half Term 1</b> <ul style="list-style-type: none"><li>Indices and Standard Form.</li><li>Expressions and Formulae.</li><li>Dealing with Data.</li></ul> | <b>Half Term 1</b> <ul style="list-style-type: none"><li>Constructions.</li><li>Sequences, Inequalities, Equations and Proportion.</li></ul> | <b>Half Term 1</b> <ul style="list-style-type: none"><li>Graphs.</li><li>Probability.</li></ul>            |
| <b>Half Term 2</b> <ul style="list-style-type: none"><li>Dealing with Data.</li><li>Multiplicative Reasoning.</li><li>Constructions.</li></ul>             | <b>Half Term 2</b> <ul style="list-style-type: none"><li>Circles, Pythagoras and Prisms.</li></ul>   | <b>Half Term 2</b> <ul style="list-style-type: none"><li>Comparing Shapes.</li><li>STEM Project.</li></ul> |

## Year 10 - Higher

| Autumn Term   | Spring Term   | Summer Term   |
|---|---|---|
| <p style="text-align: center;"><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Number (Indices, Standard Form and Surds).</li> <li>• Algebra Manipulation and Solving.</li> <li>• Representing Data.</li> </ul> | <p style="text-align: center;"><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Angles and Polygons.</li> <li>• Pythagoras and Trigonometry.</li> </ul>        | <p style="text-align: center;"><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Construction and Loci.</li> <li>• Quadratics.</li> </ul> |
| <p style="text-align: center;"><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Fractions.</li> <li>• Percentages.</li> <li>• Ratio and Proportion.</li> </ul>   | <p style="text-align: center;"><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Linear and Quadratic Graphs.</li> <li>• Perimeter, Area and Volume.</li> </ul> | <p style="text-align: center;"><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Probability.</li> <li>• STEM Project.</li> </ul>         |

## Year 10 - Foundation

| Autumn Term  | Spring Term  | Summer Term  |
|--|--|--|
| <p style="text-align: center;"><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Number (Indices and Number Properties).</li> <li>• Algebra Manipulation and Expressions.</li> </ul> | <p style="text-align: center;"><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Averages.</li> <li>• Symmetry, Angles and Polygons.</li> </ul>                                      | <p style="text-align: center;"><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Graphs.</li> <li>• Transformations.</li> <li>• Ratio and proportion.</li> </ul> |
| <p style="text-align: center;"><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Representing Data.</li> <li>• Fractions.</li> <li>• Decimals.</li> <li>• Percentages.</li> </ul>    | <p style="text-align: center;"><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Equations and Inequalities.</li> <li>• Sequences.</li> <li>• Perimeter, Area and Volume.</li> </ul> | <p style="text-align: center;"><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Ratio and Proportion</li> <li>• STEM Project</li> </ul>                         |

## Year 11 - Higher

| Autumn Term  | Spring Term   | Summer Term   |
|--|---|---|
| <p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Multiplicative reasoning.</li> <li>• Similarity and congruence.</li> <li>• Further Trigonometry.</li> </ul> | <p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Circle Geometry.</li> <li>• Complex Algebra (Part 2).</li> <li>• Geometric Proof.</li> </ul> | <p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Revision.</li> </ul> |
| <p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Data handling.</li> <li>• Complex Algebra.</li> <li>• Circle Geometry.</li> </ul>                           | <p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Graphs and Proportion.</li> <li>• Revision.</li> </ul>                                       | <p><b>Half Term 2</b></p>   |

## Year 11 - Foundation

| Autumn Term   | Spring Term  | Summer Term   |
|---|--|---|
| <p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Pythagoras and Trigonometry.</li> <li>• Probability.</li> <li>• Multiplicative Reasoning.</li> </ul>                       | <p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Complex Algebra.</li> <li>• 3D Solids.</li> <li>• Cylinders, Cones and Spheres.</li> <li>• Fractions and Reciprocals.</li> </ul>    | <p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Revision.</li> </ul> |
| <p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Multiplicative Reasoning.</li> <li>• Plans and Elevations.</li> <li>• Loci and Bearings.</li> <li>• Quadratics.</li> </ul> | <p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Indices and Standard Form.</li> <li>• Similarity and Congruence.</li> <li>• Simultaneous Equations.</li> <li>• Revision.</li> </ul> | <p><b>Half Term 2</b></p>   |