

# Curriculum Map

|                                |              |                      |               |
|--------------------------------|--------------|----------------------|---------------|
| <b>Subject</b>                 | Maths        | <b>Site</b>          | Stafford Hall |
| <b>Curriculum Map designer</b> | Gareth Davis | <b>Date designed</b> | 08-10-2025    |

|                 | <b>1</b>                                                                 | <b>2</b>                                               | <b>3</b>                                                      | <b>4</b>                                                    | <b>5</b>                                                                       | <b>6</b>                                                                                 |
|-----------------|--------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>Autumn 1</b> | Place Value<br>(within 10)                                               | Place Value<br><br>Addition and<br>Subtraction         | Place Value<br><br>Addition and<br>Subtraction                | Place Value<br><br>Addition and<br>Subtraction              | Place Value<br><br>Addition and<br>Subtraction                                 | Place Value<br><br>Addition,<br>Subtraction,<br>Multiplication<br>and Division           |
| <b>Autumn 2</b> | Addition and<br>Subtraction<br>(within 10)<br>Shape                      | Addition and<br>Subtraction<br>Shape                   | Addition and<br>Subtraction<br>Multiplication and<br>Division | Area<br>Multiplication and<br>Division A                    | Multiplication and<br>Division A<br>Fractions A                                | Fractions<br>Converting Units                                                            |
| <b>Spring 1</b> | Place Value<br>(within 20)<br>Addition and<br>Subtraction<br>(within 20) | Money<br>Multiplication and<br>Division                | Multiplication and<br>Division<br>Length and<br>Perimeter     | Multiplication and<br>Division B<br>Length and<br>Perimeter | Multiplication and<br>Division B<br>Fractions B<br>Decimals and<br>Percentages | Ratio<br>Algebra<br>Decimals                                                             |
| <b>Spring 2</b> | Place Value<br>(within 50)<br>Length and Height<br>Mass and Volume       | Length and Height<br>Mass, Capacity and<br>Temperature | Fractions A<br>Mass and Capacity                              | Fractions<br>Decimals A                                     | Perimeter and Area<br>Statistics                                               | Fractions,<br>Decimals and<br>Percentages<br>Area, perimeter<br>and Volume<br>Statistics |
| <b>Summer 1</b> | Multiplication and<br>Division<br>Fractions<br>Position and<br>Direction | Fractions<br>Time                                      | Fractions B<br>Money<br>Time                                  | Decimals B<br>Money<br>Time                                 | Shape<br>Position and<br>Direction<br>Decimals                                 | Shape<br>Position and<br>Direction                                                       |
| <b>Summer 2</b> | Place Value<br>(within 100)                                              | Statistics                                             | Shape<br>Statistics                                           | Shape<br>Statistics                                         | Negative Numbers<br>Converting Units                                           | Themed Projects<br>Problem Solving                                                       |

# Curriculum Map

|  |               |                           |  |                           |        |  |
|--|---------------|---------------------------|--|---------------------------|--------|--|
|  | Money<br>Time | Position and<br>Direction |  | Position and<br>Direction | Volume |  |
|--|---------------|---------------------------|--|---------------------------|--------|--|

|                 | 7                                                                                                                  | 8                                                                                             | 9                                                                                 | 10                                                                                                                   | 11                                                                                             | Post-16                                             |
|-----------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>Autumn 1</b> | Sequences<br>Algebraic notation<br>and Substitution<br>Expressions and<br>Equations                                | Ratio<br><br>Proportion and<br>Scale<br><br>Algebraic<br>Manipulation                         | Properties of a<br>Number<br>Percentages<br>Area and Volume                       | Algebraic<br>Manipulation<br>Equations,<br>Inequalities and<br>Formulae<br>Quadratic<br>Equations and<br>Expressions | Ratio and<br>Proportion<br>Area and Volume<br>Similarity and<br>Congruence                     | Proportional<br>Reasoning<br>Numerical<br>Reasoning |
| <b>Autumn 2</b> | Place Value,<br>ordering and<br>rounding<br>Four Operations<br>Averages and<br>Range<br>Rounding and<br>Estimation | Graphs and Co-<br>ordinates<br>Multiply and Divide<br>Fractions<br>Symmetry and<br>Reflection | Equations,<br>Inequalities and<br>Formulae<br>Fractions<br>Rates<br>Standard Form | Percentages<br>Ratio and Scale<br>Work with<br>Fractions                                                             | Sequences and Proof<br>Standard Form<br>Work with Circles<br>Set notation and<br>Venn Diagrams | Algebraic<br>Reasoning<br>Geometric<br>Reasoning    |
| <b>Spring 1</b> | Graphing Data<br>Fractions,<br>Decimals and<br>Percentages                                                         | Area, Volume and<br>Density<br>Equations and<br>Inequalities<br>Percentages                   | Maths and Money<br>Straight Line<br>Graphs<br>Ratio and<br>Proportion             | Non-calculator<br>Methods<br>Straight-line<br>Graphs<br>Probability                                                  | Functions and<br>Graphs<br>Equations and<br>Formulae<br>Rates                                  | Numerical<br>Reasoning<br>Proportional<br>Reasoning |
| <b>Spring 2</b> | Directed Number<br>Fractions and<br>Percentages of<br>Amounts<br>Perimeter and<br>Area                             | Indices<br>Standard Form<br>Interpret and<br>Represent Data                                   | Constructions and<br>Congruence<br>Similarity<br>Algebraic<br>Manipulation        | Rounding and<br>Estimation<br>Perimeter, Area<br>and Volume<br>Interpret and<br>Represent Data                       | Angles, bearings and<br>Trigonometry                                                           | Geometric<br>Reasoning<br>Algebraic<br>Reasoning    |

## Curriculum Map

|                 |                                                         |                                                                       |                                                                     |                                                                                                  |                                             |                              |
|-----------------|---------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------|
|                 |                                                         |                                                                       |                                                                     | Non-Linear<br>Graphs                                                                             |                                             |                              |
| <b>Summer 1</b> | Speed, Distance<br>and Time<br>Properties of<br>Number  | Angles in Parallel<br>Lines and Polygons<br>Tables and<br>Probability | Pythagoras'<br>Theorem<br>Non-linear Graphs<br>Sets and Probability | Angles<br>Graphs and<br>Diagrams<br>Vectors                                                      | Construction and<br>Loci<br>Transformations | Representations              |
| <b>Summer 2</b> | Add and Subtract<br>Fractions<br>Angles and<br>Polygons | Circles<br>Graphs and Charts<br>Sequences                             | Transformations<br>Simultaneous<br>Equations<br>Trigonometry        | Factors and<br>Powers<br>Pythagoras'<br>Theorem and<br>Trigonometry<br>Simultaneous<br>Equations | Consolidation of<br>Learning                | Consolidation of<br>Learning |