

# Curriculum Map

Year 7	<b>Unit 1</b> Factors, Multiples and Primes Sets and Venn Diagrams Negative Numbers	<b>Unit 2</b> Powers and Roots Order of Operations Introduction to Algebra	<b>Unit 3</b> Fractions Decimals Solving Linear Equations 1	<b>Unit 4</b> Rounding Metric Units Properties of 2D Shapes Area and Perimeter	<b>Unit 5</b> Fractions, Decimals and Percentages Ordering Numbers Percentages Angle Basics	
Year 8	<b>Unit 6</b> Ratio Algebra Recap Index Laws	<b>Unit 7</b> Prime Factorisation Introduction to Probability Expanding Single Brackets	<b>Unit 8</b> Factorising into Single Brackets Solving Linear Equations 2 Sequences	<b>Unit 9</b> Proportion Averages and Range Coordinates Charts	<b>Unit 10</b> Estimation Circles Angles in Parallel Lines	
Year 9	<b>Unit 11</b> Fraction Arithmetic Highest Common Factor and Lowest Common Multiple Standard Form Types of Numbers Multiplying and Simplifying Surds Angles in Polygons	<b>Unit 12</b> Expanding Double Brackets Factorising by Grouping Factorising Quadratics Difference of Two Squares Basic Functions Changing the Subject Inverse Functions	<b>Unit 13</b> 2D Pythagoras' Theorem Properties of 3D Shapes Plans and Elevations Volume and Surface Area of Prisms Area and Volume Unit Conversions Compound Measures	<b>Unit 14</b> Linear Inequalities Straight Line Graphs Basic Vectors Transformations Invariant Points	<b>Unit 15</b> Percentages with Multipliers Simple and Compound Interest Similarity with Length Right-Angled Trigonometry	
Year 10	<b>Unit 16</b> Recurring Decimals Advanced Straight Line Graphs (L2FM Only) Parallel and Perpendicular Lines Graphical Inequalities Non-Linear Graphs	<b>Unit 17</b> Bounds and Error Intervals Basic Circle Theorems Direct and Inverse Proportion Constructions and Loci	<b>Unit 18</b> Advanced Data Handling Expanding Triple Brackets Binomial Expansion (L2FM Only) Solving Quadratics Factor Theorem (L2FM Only)	<b>Unit 19</b> Advanced Indices Calculating with Surds Algebraic Fractions	<b>Unit 20</b> Graphical Simultaneous Equations Linear Simultaneous Equations Three Linear Simultaneous Equations (L2FM Only) Combinations and Permutations Advanced Statistics	
Year 11	<b>Unit 21</b> Advanced Trigonometry 3D Pythagoras' Theorem and Trigonometry Bearings Advanced Ratio	<b>Unit 22</b> Similarity with Area and Volume Volume and Surface Area of Non-Prisms Arcs, Sectors and Segments Advanced Probability Capture-Recapture	<b>Unit 23</b> Completing the Square Advanced Functions Quadratic Graphs Quadratic Inequalities Real-Life Graphs Gradients and Areas of Graphs Iterations	<b>Unit 24</b> Equations of Circles and Tangents Advanced Equations of Circles (L2FM Only) Advanced Simultaneous Equations Advanced Sequences Limiting Values of Sequences (L2FM Only) Algebraic Proof Advanced Vectors	<b>Unit 25</b> Exponential and Trigonometric Graphs Trigonometric Identities and Equations (L2FM Only) Domain and Range (L2FM Only) Piecewise Functions (L2FM Only) Graph Transformations Congruency Circle Theorem Proofs	<b>Unit 26</b> Differentiation (L2FM Only) Matrices (L2FM Only)