



Learning Journey

<p><b><u>Hypatia</u></b>            Place value            Times tables            Fractions and decimals            Types of numbers            Mathematical symbols            Tally charts            Length, capacity and mass            2D and 3D shapes            Reflections</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Brahmagupta</u></b>            Estimating and measuring            Drawing            Perimeter            Area            Reflection            Rotation            Basic averages            Place value</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Khwarizmi</u></b>            Shape vocabulary            Constructions            Angles            Fractions            Multiplication and division            Terminology</p> <p style="text-align: center;"><b>↓</b></p>
<p><b><u>Pascal</u></b>            Index laws            Negative numbers            Expressions            Multiplication and division            Reflection            Nets            Averages</p> <p style="text-align: center;"><b>↓</b></p>	<p><b><u>Descartes</u></b>            Fractions            Function machines            Terminology            Angles            Questionnaires and data</p> <p style="text-align: center;"><b>←</b></p>	<p><b><u>Fibonacci</u></b>            Basic probability            Frequency diagrams            Addition            Subtraction            Formula            Coordinates</p> <p style="text-align: center;"><b>←</b></p>
<p><b><u>Newton</u></b>            Ratio            Rounding            Co-ordinates            Linear graphs            Area            Constructing triangles            Probability</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Euler</u></b>            Linear equations            Fractions            Place value            Decimals            Conversions            Metric Units            Angles            Pie Charts            Conversion Graphs</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Agnesi</u></b>            Multiplication of decimals            Division of decimals            Sequences            Bearings            Correlation</p> <p style="text-align: center;"><b>↓</b></p>
<p><b><u>Lovelace</u></b>            Ratio            Area            Volume            Constructions            Nets            Surface area            Probability</p> <p style="text-align: center;"><b>↓</b></p>	<p><b><u>Gauss</u></b>  <math>y=mx+c</math>            Fractions            3D representations            Geometry and proofs            Questionnaires            Continuous data</p> <p style="text-align: center;"><b>←</b></p>	<p><b><u>Germain</u></b>            Linear equations            Fractions            Enlargement            Reflection            Interior and exterior angles            Averages</p> <p style="text-align: center;"><b>←</b></p>

<p><b><u>Nightingale</u></b>  Standard form  Surds  Simultaneous equations  Similar shapes  Venn diagrams</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Riemann</u></b>  Coordinates  Transformations  Place value  Rounding  Estimation  Fractions and decimals  Drawing and interpreting graphs  Questionnaires  Sequences</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Boltzmann</u></b>  Negative numbers  Solving equations  Ratio  Proportion  Linear graphs  Fractions, decimals and percentages  Percentage multipliers</p> <p style="text-align: center;"><b>↓</b></p>
<p><b><u>Ramanujan</u></b>  Compound measures  Proportion  Volume  Surface area</p> <p style="text-align: center;"><b>↓</b></p>	<p><b><u>Noether</u></b>  Trigonometry  Expanding brackets  Factorising  Averages from grouped data  Moving averages  Circumference  Perimeter  Dimensions  Metric and imperial measures  Pythagoras' theorem</p> <p style="text-align: center;"><b>←</b></p>	<p><b><u>Kovalevskaya</u></b>  Probability  Enlargements  Maps and scale drawing  Laws of indices  BIDMAS  Real life graphs</p> <p style="text-align: center;"><b>←</b></p>
<p><b><u>Neumann</u></b>  Drawing linear and quadratic graphs  Simultaneous equations  Probability  Standard Form</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Chern</u></b>  Area  Nets  Surface area  Sequences including quadratics  Cumulative frequency  Box and Whisker Plots  Angles on parallel lines  Bearings  Circle Theorems</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Turing</u></b>  Quadratics – factorising, solving and sketching  Bounds  Percentages including compound interest and depreciation  Volume  Density  Probability  Tree Diagrams</p> <p style="text-align: center;"><b>↓</b></p>
<p><b><u>Wiles</u></b>  Transformations  Types of number  Histograms  Frequency polygons  Simultaneous equations including quadratics</p> <p style="text-align: center;"><b>↓</b></p>	<p><b><u>Shamir</u></b>  Functions  Tangents  Proportion  Iteration</p> <p style="text-align: center;"><b>←</b></p>	<p><b><u>Johnson</u></b>  Transformations  Similar Shapes  Constructions  Loci  Solving quadratics using graphs  Trial and improvement  Trigonometry  Inequalities</p> <p style="text-align: center;"><b>←</b></p>

<p><b><u>Tao</u></b>  Pythagoras  Trigonometry  Ratio  Proportion  Probability diagrams  Solving quadratics</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Mirzakhani</u></b>  Vectors  Circle theorems  Trigonometry  Bearings  Pythagoras  Indices  Standard form</p> <p style="text-align: center;"><b>→</b></p>	<p><b><u>Avila</u></b>  Graphs  Conditional probability  Sampling  Sectors  Volume  Similarity</p> <p style="text-align: center;"><b>↓</b></p>
		<p><b><u>Viazovska</u></b>  Estimating  Inequalities  Trigonometry  Real life graphs</p> <p style="text-align: center;"><b>←</b></p>