

## Mathematics KS4 Curriculum Overview

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>YEAR 10</b>	Types of Number and SIF Rounding and Estimation Expressions and Formula Solving Equations	Quadratics ( <i>Higher only</i> ) Solving Equations ( <i>Foundation only</i> ) Transformations Number and Calculations Sequences Data	Fractions, Decimals, Percentages  Ratio and Proportional Thinking  SLG	Similarity Pythagoras Trigonometry  Properties of shapes, plans and elevations ( <i>Foundation only</i> )	Perimeter and Area of 2D shapes  Volume and Surface Area	Angles  Scale and Units of Measure  Venns and Set Notation
<b>YEAR 11</b>	Functions Inequalities Real-life graphs Surds ( <i>Higher only</i> ) Bearings, constructions and loci	Vectors Error intervals and bounds Iteration Circle theorems ( <i>Higher only</i> ) Higher algebra and proof ( <i>Higher only</i> ) Probability	Advanced Graphs ( <i>Higher only</i> )  Data collection and sampling ( <i>Higher only</i> )			

*Sending every young person into the world able and qualified*