

Curriculum Map

Mathematics Curriculum Maps KS4

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10						
Knowledge & Skills	Place value Integers Decimals Indices Powers Roots Primes Factors Multiples Properties of Shape Parallel Lines Angle Facts Int & Ext Angles of Polygons Pythagoras' Theorem	Trigonometry Perimeter Area & Volume 3D Forms & Volume Cylinders Cones Spheres BIDMAS Algebra Setting up rearranging & Solving Expressions Sequences Inequalities	Fractions & reciprocals Indices & Standard Form Fractions, Decimals & Percentages Ratio & Proportion	Probability Statistics sampling Averages & Range Plans & Elevations Construction, Loci & Bearings	Multiplicative Reasoning Similarity & Congruence in 2D Vectors Stem & Leaf Diagrams NETS Plans & Elevations Co-ordinates Transformations Enlargements Reflection	Transformations Rotations Translations Graphs Real Life & Straight Line Graphs Linear Graphs $y = mx + c$ Rearranging Equations Simultaneous Equations
Assessment	Pupils knowledge and understanding is supported and assessed through the use of formative and summative assessments, ensuring our pupils know more and remember more.					

Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11	Shape Measure & Space	Algebra	Ratio & Proportion	Statistics	GRANS Plan	GRANS Plan
Knowledge & Skills	Interior & Exterior Angles of a Polygon Pythagoras' Theorem Right Angled Triangles Trigonometry Transformation Plans Elevations, Constructions Loci Bearings	Equations Inequalities & Sequences Real Life & Straight Line Graphs Quadratic Rearranging Equations, Graphs & Simultaneous equations Multiplicative Reasoning	Ratio & Proportion Circles Cylinders, Cones & Spheres Fractions & Reciprocals Indices & Standard Form	Scatter Graphs, Pie Charts, Tables & Charts Statistics, Sampling & Averages Probability Similarity & Congruence	The Plan will address Skills Gaps Geometry Ratio & Proportion Algebra Number Statistics	The Plan will address Skills Gaps Geometry Ratio & Proportion Algebra Number Statistics
Assessment	Pupils knowledge and understanding is supported and assessed through the use of formative and summative assessments, ensuring our pupils know more and remember more.					