



Key Stage 4 Curriculum Map Maths GCSE

		Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1	Spring Half Term 2	Summer Half Term 1	Summer Half Term 2	
Year 1	Knowledge acquired							
	Four Rules Definitions & terms HCF, LCM Priority of operations Index notation Calculation and estimation of powers and roots Standard form	Equivalent fractions Calculations with fractions Fractions of a quantity Decimals Percentage	Ordinality Rounding Estimation Square numbers Money & Fractions	Measures and Co-ordinates Handling Data Upper and lower bounds	Measuring Ratios Proportion Simple Algebra	Simplifying Factorising Substituting Simultaneous equations		
	Skills acquired							
	Use non-calculator methods to calculate, Understand and use the key terms, Know the conventional order for performing calculations, Use positive integer indices to write indices, Interpret and order numbers expressed in standard form, Perform all necessary calculations involving fractions, decimals and percentages, Order integers, fractions, decimals and percentages, Round numbers to the nearest given determinant, Estimate or check, without a calculator, the result of a calculation, Calculate bills, change and value, Plot & locate points on a graph or grid, Collate, draw & interpret data in tabular & pictorial form, Use inequalities, Use the units of measurement, Solve ratio and proportion problems, Describe number patterns & create patterns based on a given rule, Simplify algebraic products, solve two linear simultaneous equations							
	Key Assessments taking place							
<ul style="list-style-type: none"> Homework, end of topic tests, sample exam questions. 								
		Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1	Spring Half Term 2	Summer Half Term 1	Summer Half Term 2	
Year 2	Knowledge acquired							
	Generate terms of a sequence x- and y-coordinates Graphs of equations and functions Angles	Polygons 2D & 3D Shapes Symmetry Circle nomenclature	Reflection Rotation Translation Vector arithmetic Pythagoras' theorem Probability	Venn diagrams Tree diagrams Summary statistics Bivariate data	Revision			
	Skills acquired							

- Use the nth term, Work all four quadrants, Use $y = mx + c$, Use the angle rules, Measure and draw angles, Know the key 2D & 3D terms, Identify reflection and rotation symmetries, Use circle terms and relevant calculations, Reflect, rotate and enlarge images on a grid, Apply Pythagoras' Theorem, Calculate probabilities in different contexts, Construct Venn & Tree diagrams, Calculate the mean, mode, median and range for ungrouped data, Interpret correlation within the context of the variables.

Key Assessments taking place

- Homework, end of topic tests, Past Exam Papers.