



## Key Stage 4 Curriculum Map Maths Entry Level

Year 1	Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1	Spring Half Term 2	Summer Half Term 1	Summer Half Term 2
	Knowledge acquired					
	Multiplication Indices Place value	Rounding Proportion	Inverse operations Sequences	Simple Algebra	Simple graphs Shape	Symmetry Transformations
	Skills acquired					
	<ul style="list-style-type: none"> <li>Know and use multiplication of whole numbers up to <math>12 \times 12</math>, Understand and use the index notation for squared and cubed, Understand and use place value to order 2 significant figures, Round numbers to the nearest whole multiple of ten, Solve simple proportion problems using systematic analysis, Solve simple inverse proportion problems using systematic analysis, Complete sequences of increasing or decreasing integers, Substitute positive integers into a formula given in words and calculate answers, Use a simple two-step function machine to determine outputs for given inputs, Work with x- and y-coordinates in positive quadrant, Distinguish between different quadrilaterals, Identify pictures of three-dimensional objects, Identify pictures of three-dimensional objects, Understand the terms reflection and reflectional symmetry, Draw a simple transformation on a coordinate grid: reflection in horizontal and vertical lines</li> </ul>					
	Key Assessments taking place					
<ul style="list-style-type: none"> <li>Homework, End of topic tests, Exam practice questions, coursework</li> </ul>						
Year 2	Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1	Spring Half Term 2	Summer Half Term 1	Summer Half Term 2
	Knowledge acquired					
	Measuring Area	Orientation Angles Money	Time Scales	Probability Interpreting Graphs	Simple Probability Revision	Revision
	Skills acquired					
	<ul style="list-style-type: none"> <li>Understand how equipment such as trundle wheels, metre rule, Use given measurements to calculate perimeter, Calculate area of rectangles and triangles, Understand and use the four points of the compass, Know and use the terms acute, obtuse and reflex to describe angles, Select coins and notes equivalent to an amount of money up to £20. Give change from £20, Complete or extract information from printed lists, Construct and interpret a bar graph, using a frequency scale, Draw and interpret pictograms, Draw and interpret trends on scatter graphs, Find mode, median, mean and range of a small list of numbers, Understand and use median as the middle item</li> </ul>					
	Key Assessments taking place					
<ul style="list-style-type: none"> <li>Homework, End of topic tests, Exam practice questions, coursework</li> </ul>						