



Curriculum Plans – Year 11 Mathematics

Please find below a detailed outline of the curriculum covered in Mathematics through Year 11 in Key Stage 4.

Year 11

	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
	Number and language	Algebraic representation and manipulation	Proportion	Similarity and congruence	Further trigonometry	Examination preparation
	Accuracy		Graphs in practical situations	Symmetry	Vectors	
	Integers, fractions, decimals and percentages	Algebraic indices	Graphs of functions	Angle properties	Transformations	
	Further percentages	Equations and inequalities	Differentiation and the gradient function	Perimeter, area and volume	Probability	
	Ratio and proportion	Linear programming	Functions	Trigonometry	Further probability	
	Indices in standard form	Sequences	Straight line graphs		Mean, median, mode and range	
	Money and finance				Collecting, displaying and interpreting data	
	Set notations and Venn diagrams				Cumulative frequency	
					Examination preparation	
Assessment	End of block quiz	End of block quiz	Main Summative Assessment	Mock examination	End of block quiz	External examination