



Curriculum Plans – Year 11 – IGCSE Mathematics

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

BLOCK	1	2	3	4	5	6	7
Dates	August - September (5 weeks)	October - (4 weeks)	November - December (6 weeks)	January - February (5 weeks)	February - March (6 weeks)	April (4 weeks)	May - June (7 weeks)
Topics	Number and language Accuracy Integers, fractions, decimals and percentages Further percentages Ratio and proportion Indices in standard form Money and finance Set notations and Venn diagrams	Algebraic representation and manipulation Algebraic indices Equations and inequalities Linear programming	Sequences Proportion Graphs in practical situations Graphs of functions Differentiation and the gradient function Functions Straight line graphs	Similarity and congruence Symmetry Angle properties Perimeter, area and volume Trigonometry	Further trigonometry Vectors Transformations Probability Further probability Mean, median, mode and range Collecting, displaying and interpreting data Cumulative frequency	IGCSE External Examinations	
Assessments	Chapter 1 – 10 assessment	Chapter 1 – 13 assessment	Chapter 1 – 20 assessment	Mock Examinations	Chapter 1 – 37 assessment	External examinations	