Curriculum Plans – Year 11 – IGCSE Mathematics – Academic Year 2023/24

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	28th August - 27th September (5 weeks)	2nd October - 27th October (4 weeks)	6th November - 15th December (6 weeks)	3rd January - 2nd February (5 weeks)	12th February - 22nd March (6 weeks)	2nd April - 26th April (4 weeks)	6th May - 21st 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	
Academic Theme	Planning for Tomorrow	The World around us	Better Together	The Working World	Opportunities for Everyone	Keep it Green, Keep it Clean	Healthy Body, Healthy Mind