



Curriculum Plans – Year 10 – Mathematics – Academic Year 2023/24

Please find below a detailed outline of the curriculum covered in IGCSE Mathematics through Year 10 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 Calculations and order Integers, fractions, decimals and percentages	Further percentages Ratio and proportion Indices in standard form Money and finance Time	Set notations and Venn diagrams Algebraic representation and manipulation Algebraic indices Equations and inequalities Sequences	Graphs in practical situations Graphs of functions Straight line graphs Geometrical vocabulary and construction	Similarity and congruence Angle properties Measures Perimeter, area and volume Bearings	Trigonometry Vectors Transformations Probability Further probability	Mean, median, mode and range Collecting, displaying and interpreting data Accuracy (extended) Integers, fractions, decimals and percentages (extended) Further percentages (extended) Ratio and proportion (extended)
Assessments	End of block quiz on Chapters 1 - 2	End of block quiz on Chapters 1 - 4	End of Term assessment on Chapters 1 - 8	End of block quiz on Chapters 1 - 11	End of Term assessment on Chapters 1 - 14	End of block quiz on Chapters 1 - 17	End of Term assessment on Chapters 1 - 20
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