

Curriculum Map - Year 2023 - 24 Maths Year 9 Higher
Please note that this is a live document and may be updated during the year

Autumn Term		Spring Term		Summer Term	
Unit Title:	Unit Title:	Unit Title:	Unit Title:	Unit Title:	Unit Title:
Algebra Geometry and measure 1	Number Geometry measure 2 Probability and statistics	Number Algebra	Algebra Interpreting and representing data	Fractions, ratio and percentages	Ratio and proportion Angles & Trigonometry
Key topics covered:	Key topics covered:	Key topics covered:	Key topics covered:	Key topics covered:	Key topics covered:
Solving equations Substitution Formulae Area of Trapeziums Volume and surface area of cuboid, prisms and cylinder	Percentages Intro to non-linear graphs Intro to Trigonometry Similarity and congruence Scale diagrams Conversions Intro to Venn diagram Intro to Scatter graphs Drawing pie charts	Combinations Estimation Indices Standard form Surds Recap of basic algebra	Algebraic indices Expanding and factorising Sequences Statistical diagrams Time series Averages and range Using the line of best fit	Fractions, decimals and percentages Fraction arithmetic Percentages Multipliers Original amount	Solving ratio problems Direct proportion Currency exchange Recipe problems Angles Pythagoras' Theorem Trigonometry
Through the mathematics content, pupils should be taught to: • Develop fluency • Reason mathematically • Solve problems • use mathematical language and properties precisely					
Why do students study this: Students will study this to be able to move freely between different numerical, algebraic, graphical and diagrammatic representations. Extend and formalise their knowledge of ratio and proportion, including trigonometric ratios, and in working with measures and geometry. They will do this to develop their mathematical knowledge through solving problems and evaluating the outcomes, including multi-step problems And then finally to be able to select appropriate methods and techniques to apply to unfamiliar and nonroutine problems; interpret their solution in the context of the given problem.					
Assessment Dates - Can be found on the School Website Assessment topics - Topics are shared by class teachers nearer to the exam period					