

Hewett Academy Curriculum Summary 2020-2021 - Maths



	Autumn I	Autumn II	Spring I	Spring II	Summer I	Summer II
Year 7	Calculations Expressions Formulae	Expressions and formulae Area	Integers, powers and roots Directed numbers Fractions, decimals and percentages	Fractions, decimals and percentages Perimeter	Inequalities Rounding Ratio	Lines, shapes and angles Expressions and formulae Calculating with percentages
Year 8	Integers, powers and roots Calculations Expressions and formulae	Ratio Equations	Equations Lines, shapes and angles Calculation	BIDMAS Volume Surface area	Ratio Directed numbers Sequences	Sequences Ratio Graphs
Year 9	Sequences and functions Lines shapes and angles inequalities	Ratio Pythagoras Trigonometry	Probability Equations Standard form	Ratio Volume and surface area Fractions/ decimals and percentages	Transformations Expressions and formulae Constructions	Transformations Averages Sequences Ratio

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Year 10 (F)	Number Types, Core Algebra	Charts and Tables, Fractions and Reciprocals	Percentages, Equations and Sequences	Shapes and Angles, Averages and Sampling	Perimeter, Area and Volume,	Graphs Transformations
Year 10 (H)	As above plus, standard form and solving equations	Sequences and formulae, averages and data, fractions and percentages	Ratio and Proportion, Polygons, parallel line rules, Pythagoras	Right angled Trig, graphs, coordinate geometry	Further PAV, Accuracy and bounds, Transformations	Constructions, loci, bearings, simultaneous and quadratic equations
Year 11 (F)	Ratio and Proportion, Pythagoras and Trig, Probability	Multiplicative Reasoning, 3D shapes, Constructions, Quadratic Equations	Fractions, Indices Standard Form,	Vectors Simultaneous Equations and Advanced Algebra	GCSE EXAMS	
Year 11 (H)	Probability, Multiplicative reasoning, Further Trig	Solving with quadratic graphs, Statistical Diagrams, circle theorems, circle geometry	Algebraic Fractions, Surds, Functions and iterations	Vectors, gradients and area under curves, direct and inverse proportion		