















































MATHS CURRICULUM OVERVIEW 2022-23

	Autumn HT1	Autumn HT2	Spring HT1	Spring HT2	Summer HT1	Summer HT2
YEAR 7	Sequences Understand and use algebraic notation Equality and equivalence	Place value ordering integers and decimals Fraction decimals and percentage equivalence	Solving problems with addition and subtraction Solving problems with multiplication and division Fractions and percentages of amounts	Operations and equations with directed number Addition and subtraction of fractions	Constructing, measuring and using geometric notation Developing geometric reasoning	Developing number sense Sets and probability Prime numbers and proof
YEAR 8	Ratio and scale Multiplicative change Multiplying and dividing fractions	Working in the Cartesian plane Representing data Tables and probability	Brackets, equations and inequalities Sequences Indices	Fractions and percentages Standard index form Number sense	Angles in parallel lines and polygons Area of trapezia and circles Line symmetry and reflection	The data handling cycle Measures of location
YEAR 9	Straight line graphs Forming and solving equations Testing conjectures	Three dimensional shapes Constructions and congruency	Numbers Using percentages Maths and money	Deduction rotation and Translation Pythagoras' Theorem	Enlargement and similarity Solving ratio and proportion problems Rates	Probability Algebraic representation Revision
YEAR 10 FOUNDATION	Prime, Factors and Multiples Accuracy and rounding Fractions and Decimals	Percentage Change Collecting, Organising, Presenting and Analysing Data	Direct and Inverse Proportion Proofs and Formulae Sequences	Solving of Equations Equations and Inequalities Mensuration 2D and 3D Representations	2D and 3D Representations Indices and Standard Form	Probability Transformations
YEAR 10 HIGHER	Prime, Factors and Multiples Accuracy and Bounds	Data Collection and Sampling	Ratio Fractions and decimals Percentage Change	Algebraic Manipulation Proofs and Formulae Sequences	Solving equations Graphical Solutions of Equations Inequalities	Direct and Inverse Proportion 2D and 3D Representations

	Standard Form and Surds, Roots and Powers  	Organising, Presenting and Analysing Data including Bivariate Data Probability  	 	 	 	Pythagoras  
YEAR 11 FOUNDATION	Number operations and integers Approximation and Estimation Fractions, Decimals and Percentages  	Ratio, Proportion and Rates of Change  	Algebra Probability Indices and Surds Graphs of Equations and Functions  	Congruence and Similarity Basic Geometry and Mensuration  	Revision  	Revision  
YEAR 11 HIGHER	Angles Probability Statistics Loci and Constructions  	Area and perimeter 3-D shapes Trigonometry  	Transformations Direct and inverse proportion Percentages Standard Form Surds Algebra  	Revision  	Revision  	Revision  
Further Maths	Compound Units 2D and 3D Representations Angles Circle Theorems  	Fractions and Decimals Standard Form Surds Probability  	Higher algebra Graphs  	Revision  	Revision  	Revision 