



CURIOSITY

COMPASSION

COURAGE



Academic outline 2022-23

Mathematics

	Term 1 Aug-Oct	Term 2 Nov-Dec	Term 3 Jan-Feb	Term 4 Mar-Apr	Term 5 Apr-May	Term 6 Jun-Jul
Year 7:	Sequences Algebraic Notation Equality and Equivalence Home Learning White Rose Maths	Place Value and Ordering Numbers FDP equivalence Home Learning White Rose Maths	Solving Problems with Addition/Subtraction Solving Problems with Multiplication/Division Fractions and Percentages of Amounts Home Learning White Rose Maths	Operations and Equations with Directed Numbers Addition and Subtraction of Fractions Home Learning White Rose Maths	Constructing, Measuring and Using Geometric Notation Developing Geometric Reasoning Home Learning White Rose Maths	Developing Number Sense Sets and Probability Prime Numbers and Proof Home Learning White Rose Maths
Year 8:	Ratio and Scale Multiplicative Change Multiplying and dividing fractions Home Learning White Rose Maths	Working in the Cartesian plane Representing data Tables and probability Home Learning White Rose Maths	Brackets, equations and inequalities Sequences Indices Home Learning White Rose Maths	Fractions and Percentages Standard Index Form Number Sense Home Learning White Rose Maths	Angles in parallel lines and polygons Area of trapezia and circles Line symmetry and reflection Home Learning White Rose Maths	The Data Handling Cycle Measures of Location Home Learning White Rose Maths
Year 9:	Straight line graphs Forming and solving equations Testing Conjectures Home Learning White Rose Maths	Three-dimensional shapes Constructions and Congruency Home Learning White Rose Maths	Numbers Using percentages Maths and Money Home Learning White Rose Maths	Deduction Rotation and Translation Pythagoras Home Learning White Rose Maths	Enlargement and Similarity Solving ratio and proportion problems Rates Home Learning White Rose Maths	Probability Algebraic representation Revision Home Learning White Rose Maths
Year 10: GCSE	Congruence, similarity & enlargement Trigonometry Home Learning White Rose Maths	Representing solutions of equations & inequalities Simultaneous Equation Home Learning White Rose Maths	Angles and Bearings Working with circles Vectors Home Learning White Rose Maths	Ratios & Fractions Percentages & Interest Probability Home Learning White Rose Maths	Delving into data Home Learning White Rose Maths	Non-calculator methods Types of Number and sequences Indices & Roots Home Learning White Rose Maths
Year 11: GCSE	Algebra 1 Fractions, decimals and percentages Shape 1	Number 1 Graphs Ratio and Proportion	Shape 2 Data Algebra 2 Pythagoras and Trigonometry Probability	Number 2 Transformations Constructions Algebra 3 Vectors Similarity	Revision	Exams