



CURRICULUM PLANS

SUBJECT: Mathematics

Yr	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 3	SPRING TERM 4	SUMMER TERM 5	NEW SCHOOL YEAR BEGINS	SUMMER TERM 6
7	Place Value Powers and Roots Factors, Multiples and Primes Four Operations, Negatives, Decimals and Integers Fractions Angle Properties	Coordinates Plans and Elevations Simplifying and Expanding Substitution Solving Equations Rearranging Formulae Sequences & Probability	Ratio and Proportion Percentages Loci and Construction Area and Volume	Bearings Fractions and Percentages Rounding and Estimation Standard Form	Histograms Frequency Polygons Pie Charts Box Plots Cumulative Frequency Stem and Leaf Pictograms		Scatter Graphs Solving Equations Equation of a Straight Line Powers and Roots Fractions, Decimals and Percentages
8	Pythagoras' Theorem Trigonometry Angle Properties Transformations	Expanding and Factorising Forming Expressions Area Congruency Inequalities Indices	Ratio Similarity Volume and Surface Area Two-Way Tables Venn Diagrams Probability	Angle Properties Compound Measures Simultaneous Equations Loci and Construction	Rounding Plotting Graphs Sequences Percentages		Substitution Equation of a Straight Line Plotting Graphs Recurring Decimals and Fractions Indices & Solving Equations Algebraic Fractions
9	Pythagoras' Theorem Trigonometry Iteration Bounds Forming Expressions Volume and Surface Area Box Plots & Cumulative Freq	Inequalities Circle Theorems Fractions Surds Standard Form Transformations Polygons	Direct and Inverse Proportionality Bearings Venn Notation Probability Factorisation	Highest Common Factor and Lowest Common Multiples Compound Measures Similar Shapes Loci and Construction Circles and Sectors Advanced Trigonometry	Transformation of graphs Simultaneous Equations Vectors Ratio		Rounding and Estimation Indices Fractions, Decimals and % Algebraic Fractions Simplifying Expressions Expanding and Factorising Angle Properties
10	Compound Measures Bounds Congruency and Similarity Percentages Ratio and Proportion Circle Theorems	Rearranging Formulae Iteration Plotting and Interpreting Graphs Equation of a Straight line Inequalities & Functions Pythagoras' Theorem Trigonometry (Advanced)	Solving Equations Simultaneous Equations Sequences	Area & Volume Probability & Two-way Tables Histograms & Cumulative Freq Box Plots Scatter Graphs Frequency Polygons Factors and Multiples	Transformations Vectors Set Notation Standard Form Surds		Preparation for End of Year Mock Revision resources accessible on the school VLE
11	Averages & Stem and Leaf Questionnaires Pie Charts & Stratified Samples Estimate for the Mean Time Series/Moving Averages Constructions and Loci Circles and Sectors Proportionality	Preparation for Christmas Mock Revision resources accessible on the school VLE	Preparation for Easter Mock Revision resources accessible on the school VLE	Preparation for GCSE Exams Revision resources accessible on the school VLE	Preparation for GCSE Exams Revision resources accessible on the school VLE		