

Key Stage 3 Curriculum Map

Year 7	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Number Sense and Calculations	Equations, Measures and Shapes	Coordinates, Number Theory and Fractions	Brackets and Angles	Data, Statistical Diagrams and Proportion	Fractions, Decimals, Percentages and Probability
	Number Sense and Calculations: Introduction to Number Sense: Adding and Subtracting; Multiplying; Dividing; Calculating with negatives and Order of Operations	Expressions and Equations: Introduction to Expressions, Substitution and Solving equations Measures: Introduction to Time and Measures 2D Shapes: Introduction of Line and Shape properties Perimeter and Area: Students will learn how to calculate a perimeter and area of a shape	Coordinates: Students will learn how to plot coordinates and shapes Number Theory: Introduction to Factors, Multiples and calculations with Prime Numbers Fractions: Students will work with Fractions: writing and comparing; adding and subtracting	Brackets: Introduction to single brackets Angles: Introduction to Angle Facts. Students will learn how to calculate unknown angles	Handling Data and Statistical Diagrams: Introduction to Averages and Range, Tables and Charts. Students will learn how to collect and present data Proportion: Introduction to Proportional Word Problems	Fractions, Decimals and Percentages: Introduction to multiplying and dividing fractions. Students will learn how to calculate the fraction of amounts and how to convert. Probability: Introduction to Theoretical Probability



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We have the highest expectations for academic excellence and personal development and work hard to achieve them.



Year 8

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Percentages, Money, Indices and Equations	Sequences, Ratio, Scale, Rounding and Coordinates	Area, Circles, Standard Form and Venn Diagrams	3D Shapes, Volume, Linear Graphs and Transformations	Angles and Statistical Diagrams	Inequalities, Brackets, Fractions and Decimals
<p>Percentages: Students will learn percentage of amounts and percentage change</p> <p>Money: Students will learn how to calculate with money</p> <p>Indices: Introduction of index laws</p> <p>Equations: Students will be introduced to solving equations</p>	<p>Sequences: Students will learn term-to-term and position-to-term rules</p> <p>Ratio: Students will tackle ratio problems</p> <p>Scale Diagrams: Introduction of Scale Diagrams</p> <p>Rounding: Introduction of significant figures</p> <p>Coordinates: Introduction of coordinates and midpoints</p>	<p>Area: Introduction to area of 2D shapes</p> <p>Circles: Introduction to circles: area and circumference</p> <p>Standard Form: Students will learn to convert between standard form and ordinary numbers</p> <p>Venn Diagrams: Introduction to Venn Diagrams. Review of factors, multiples and primes</p>	<p>3D Shapes: Introduction to 3D shapes, nets of solids</p> <p>Surface Area and Volume: Students will learn to calculate surface area and volume of shapes</p> <p>Linear Graphs: Introduction of linear graphs: plotting graphs and finding the equation of a line</p> <p>Transformations: Students will learn how transform shapes and describe their transformations</p>	<p>Angles: Students will continue with their learning on angles, to find unknown angles</p> <p>Statistical Diagrams: Introduction of Statistical Diagrams, learning how to draw and interpret</p>	<p>Inequalities: Introduction of Linear Inequalities</p> <p>Brackets: Introduction of double brackets</p> <p>Algebraic Fractions: Review of fractions and introduction of algebraic fractions</p> <p>Recurring Decimals: Continuation of fractions and introduction of Recurring Decimals</p>



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Year 9

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Fractions, Probability, Forms, Inequality and Equations	Formulae, Constructions, Circles, Rounding and Shapes	Pythagoras, Ratio and Linear Graphs	Compound Measures and Graphs	Angles, Transformations and Shapes	Vectors and Handling Data
Fractions and Percentages: Review of fractions, decimals and percentage change Probability: Introduction to experimental probability Standard Form: Introduction to calculations with standard form Inequalities: Review of inequalities Quadratic Equations: Students will learn to expand double brackets and factorise	Formulae: Students will learn to rearrange formula Constructions: Students will learn to construct bisectors and perpendicular lines Circles: Review and expand learning on circles and cylinders Rounding: Introduction of error intervals 3D Shapes: Students will learn how to represent 3D shapes	Pythagoras' Theorem: Introduction of Pythagoras' Theorem in 2D Ratio and Proportion: Review of ratio and introduction of proportion word problems Linear Graphs: Plotting and interpreting from straight line graphs	Compound Measures: Introduction of compound measures, speed and rates Motion Time Graphs: Introduction of Distance Time Graphs Quadratic Graphs Plotting, interpreting and solving quadratics.	Angles and Bearings: Review of angles and introduction of bearings Transformations: Students will learn to describe and transform shapes Similarity and Congruence: Introduction to similarity and congruence	Vectors: Review and introduction of column vectors <i>Commence GCSE syllabus</i> Handling Data: Students will learn how to collect and present data and how to use grouped data



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