



Department: Maths

Curriculum Intent Statement

Our Curriculum Vision & Purpose

A rich, coherent and inter-leaving Mathematics curriculum is at the forefront of everything we do. Mathematics is a process of enquiry, reasoning and problem solving – all valuable skills that help children to make sense of the world around them, and function within society.

We encourage pupils to develop mathematical behaviour and as such our curriculum encourages pupils to develop a knowledge-rich understanding making links across all curriculum areas.

We provide all pupils the opportunities to learn and practice the mathematical skills they will need in everyday life and function successfully in society.

Powerful Knowledge

Through a balanced and progressive curriculum, we develop the mathematical knowledge of the pupils and their confidence to use these transferrable abilities and skills.

We take the primary disciplines of Mathematics: ratio, number, algebra, data to develop problem solving and social and communication skills.

Curriculum Features

The curriculum allows for a fluid progression from year to year, building on and developing the pupil's confidence in mathematical thinking.

In all years, pupils have the opportunity to think and behave mathematically. The focus is on empowering pupils to notice, make connections, explain, justify, conjecture, prove and apply Mathematics.

We use a range of learning strategies to allow our children to become confident mathematicians and encourage quality mathematical dialogue in the classroom. We will develop fluency and deepen the thinking of pupils in all aspects of maths. Children will see the importance and purpose mathematics has in their everyday lives.



Continuous Development Cycle

Curriculum Knowledge & Assessment Overview 2021-23

Department: Maths

	Term / Duration	Topic & Main Content Overview	Assessment Task/Focus & Objectives	Powerful Knowledge for Year 7 (referenced to topic as appropriate)
Year 7 Scheme Overview	Term 1 7 Weeks Max. No. Lessons: 28	<p>Number skills: Mental maths, Addition and subtraction, Multiplication, Division, Finance: Time and money, Negative numbers, Factors, multiples and primes, Square and triangle numbers</p> <p>Analysing and displaying data: Mode, median and range, Displaying data, Grouping data, Averages and comparing data, Line graphs and more bar charts, Spreadsheets</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment including MCQ's based on topics covered during term one and assessment objectives:</p> <p>AO1- using and applying standard techniques.</p> <p>AO2- reasoning, interpreting and communicating mathematically.</p> <p>AO3- solving non-routine problems in context.</p>	<p>Pupils will be able to solve numeracy problems that they will meet in their own lives such as bus timetables, pocket money and understand negative numbers within temperature and finance. Pupils will be able to make meaningful interpretations of statistical data during their life.</p>
	Term 2 8 Weeks Max. No. Lessons: 32	<p>Expressions, functions and formulae: Functions, Simplifying expressions 1, Simplifying expressions 2, Writing expressions, STEM: Substituting into formulae, Writing formulae</p> <p>Decimals and measures: Decimals and rounding, Length, mass and capacity, Scales and coordinates, Working with decimals mentally, Working with decimals, Perimeter, Area, STEM: More units</p>	<p>Continuous formative assessment via questioning, self and peer assessment. Half-termly topic test at the end of each topic during that term.</p>	<p>Pupils will gain the skill of manipulating algebra, which provides the foundation for a wide range of scientific and engineering jobs. They will gain the knowledge to convert various measures and be able to read scales helping with many later life situations.</p>
	Term 3 6 Weeks Max. No. Lessons: 24	<p>Fractions: Comparing fractions, Simplifying fractions, Working with fractions, Fractions and decimals, Understanding percentages, Percentages of amounts</p> <p>Probability: The language of probability, Calculating probability, More probability calculations, Experimental probability, Finance: Expected outcomes</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment including MCQ's using AO1, AO2 and AO3 objectives with focus on all topics covered term one and two.</p>	<p>Understanding the use of fraction, decimals and percentages will allow pupils to calculate various money based problems. Understanding probability skills will help pupils assess risk factors and make informed decisions.</p>

Powerful Knowledge includes key 'invaluable' and distinct knowledge concepts linked to this subject; it is distinct from common sense.

Assessment Format to follow whole-school expectations (MCQs for Content Knowledge & Understanding, GCSE-style Qs. for Application of Skills).



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Term 4 7 Weeks Max. No. Lessons: 28	Ratio and proportion: Direct proportion, Writing ratios, Using ratios, Scales and measures, Proportions and fractions, Proportions and percentages Lines and angles: Lines, angles and triangles, Estimating, measuring and drawing angles, Drawing triangles accurately, STEM: Calculating angles, Angles in a triangle, Quadrilaterals	Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.	The ability to manipulate ratios will allow pupils to scale recipes when cooking for different groups of people as well as being able to share money fairly. Being able to calculate, measure and draw angles accurately is an important skill in graphic design and architecture.
Term 5 4 Weeks Max. No. Lessons: 16	Sequences and graphs: Sequences, Pattern sequences, Coordinates, Extending sequences, Straight-line graphs, Position-to-term rules	Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.	The ability to recognise patterns and sequences allows pupils to develop their problem-solving skills. The use of coordinates provides the foundation for map reading and orienteering.
Term 6 7 Weeks Max. No. Lessons: 28	Transformations: Congruency and enlargements, Symmetry, Reflection, Rotation, Translations and combined transformations.	Continuous formative assessment via questioning, self and peer assessment. End of term assessment including MCQ's using AO1, AO2 and AO3 objectives with focus on all topics covered in previous terms.	Recognising how a transformation changes the position of a 2D shape can be used to create a wide variety of artistic designs.

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	Term / Duration	Topic & Main Content Overview	Assessment Task/Focus & Objectives	Powerful Knowledge for Year 8 (referenced to topic as appropriate)
Year 8 Scheme Overview	Term 1 7 Weeks Max. No. Lessons: 28	<p>Number Skills: Mental maths, Addition and subtraction, Multiplication, Division, Finance: Time and money, Factors, multiples and primes, Square and triangle numbers Negative numbers, Calculations, Calculating with negative integers, Powers and roots, Powers, roots and brackets, Estimation</p> <p>Factors and multiples: Number rules and relationships, Multiples, Multiplication, Division, Solving problems, Factors and primes, Common factors and multiples.</p> <p>2D and 3D shapes: Plans and elevations, Surface area of prisms, Volume of prisms, Circumference of a circle, Area of a circle, Cylinders, Pythagoras' theorem.</p>	Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.	Pupils will be able to solve numeracy problems and secure skills that they will meet in their own lives such as temperatures.
	Term 2 8 Weeks Max. No. Lessons: 32	<p>Expressions and Equations: simplifying expressions, expanding, substituting and solving one step and multiple step equations.</p> <p>Real Life Graphs: STEM: Non-linear graphs, Real-life graphs, Coordinates, Graphs of functions, STEM: Scientific graphs.</p>	Continuous formative assessment via questioning, self and peer assessment. End of term assessment including MCQ's based on topics covered during term one and assessment objectives: AO1- using and applying standard techniques. AO2- reasoning, interpreting and communicating mathematically. AO3- solving non-routine problems in context.	Pupils will be able to make meaningful interpretations of statistical data during their life. Pupils will gain the skill of manipulating algebra which provides the foundation for a wide range of scientific and engineering jobs. Finance skills will help all pupils understand and overcome most necessary life calculations.
	Term 3	Decimals and Ratio: STEM: Ratio and proportion involving decimals. Estimates and measures,	Continuous formative assessment via questioning, self and peer assessment.	Pupils will be able to make meaningful interpretations of

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	<p>6 Weeks Max. No. Lessons: 24</p>	<p>Decimal numbers, Metric units, Adding and subtracting, Multiplying and dividing decimals, Ordering and rounding decimals. Lines and angles: Lines, angles and triangles, Estimating, measuring and drawing angles, Drawing triangles accurately, STEM: Calculating angles, Angles in a triangle, solving geometric problems, Quadrilaterals, Angle proofs, Angles in parallel lines, interior and exterior angles Calculating with fraction: Comparing fractions, Fractions of amounts, Adding and subtracting fractions, Multiplying and dividing fractions, Converting fractions to decimals, reciprocals</p>	<p>End of term assessment including MCQ's using AO1, AO2 and AO3 objectives with focus on all topics covered in previous terms.</p>	<p>statistical data during their life. They will be able to apply their knowledge of percentages to understand savings when purchasing discounted products.</p>
	<p>Term 4 7 Weeks Max. No. Lessons: 28</p>	<p>Straight line graphs: Plotting linear graphs, Finding the gradient, $y = mx + c$, Parallel and perpendicular lines, Inverse functions, STEM: direct and inverse proportion problems and their graphs. Percentages, Decimals and Fractions: Equivalent fraction, decimal and percentages, Calculating percentages, percentage change, Finance, Recurring decimals, Using percentages, Percentage change, FINANCE: Repeated percentage change</p>	<p>Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.</p>	<p>Pupils will gain the skill of manipulating algebra which provides the foundation for a wide range of scientific and engineering jobs.</p>
	<p>Term 5 4 Weeks Max. No. Lessons: 16</p>	<p>Percentages, Decimals and Fractions: Equivalent fraction, decimal and percentages, Calculating percentages, percentage change, Finance, Recurring decimals, Using percentages, Percentage change, FINANCE: Repeated percentage change Statistics, Graphs and Charts Tables and pictograms, Bar charts, Grouped data, pie charts, Mode and modal class, Range and median, Mean, Scatter graphs and correlation.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.</p>	<p>Being able to calculate, measure and draw angles accurately is an important skill in graphic design and architecture.</p>

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	<p>Term 6 7 Weeks Max. No. Lessons: 28</p>	<p>Recap over missed material due to Pandemic: Transformations = Reflection and translation, Rotation, Enlargement, More enlargement, STEM: Combining transformations, 2D shapes and 3D solids Loci and constructions: Accurate drawings, Constructing shapes, Constructions, Loci. Probability: The language of probability, Outcomes, Probability calculations, Experimental probability, FINANCE: Comparing probabilities</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment including MCQ's using AO1, AO2 and AO3 objectives with focus on all topics covered in previous terms.</p>	<p>Recognising how a transformation changes the position of a 2D shape can be used to create a wide variety of artistic designs. Being able to calculate, measure and draw angles accurately is an important skill in graphic design and architecture.</p>
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	Term / Duration	Topic & Main Content Overview	Assessment Task/Focus & Objectives	Powerful Knowledge for Year 9 (referenced to topic as appropriate)
Year 9 Scheme Overview	Term 1 7 Weeks Max. No. Lessons: 28	<p>Foundation- Number: Integers and place value, Decimals, Indices, powers and roots, Factors, multiples and primes, Rounding to decimal places and significant figures, Estimate, Highest common factors, lowest common multiples inc real life problems</p> <p>Higher- Number: Integers and place value, Decimals, Indices, powers and roots, Factors, multiples and primes, Reciprocals, Rounding, Standard form, Surds</p>	<p>Continuous formative assessment via questioning, self and peer assessment.</p> <p>End of term assessment including MCQ's based on topics covered during term one and assessment objectives:</p> <p>AO1- using and applying standard techniques.</p> <p>AO2- reasoning, interpreting and communicating mathematically.</p> <p>AO3- solving non-routine problems in context.</p>	<p>Pupils will be able to solve numeracy problems that they will meet in their own lives such as reading timetables understanding finance. It will allow the pupils to make meaningful estimations and have the possibility to work within the engineering world.</p>
	Term 2 8 Weeks Max. No. Lessons: 32	<p>Foundation- Algebra: The basics algebra skill, Expanding and factorising single brackets, Expressions and substitution into formulae, Equation, Inequalities, Sequences</p> <p>Graph, tables and charts: Bar charts, Pictograms, Mode, Mean, Median, ranges, Averages from frequency tables inc grouped, Pie charts, Scatter graphs, two way tables, Stem and leaf diagrams, Time series graphs.</p> <p>Higher- Algebra: The basics algebra skill, Expanding and factorising single brackets, Expressions and substitution into formulae, Equation, Inequalities, Sequences</p> <p>-Interpreting and representing data: Averages and range, Representing and interpreting data, Scatter graphs</p>	<p>Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.</p>	<p>Pupils will gain the skill of manipulating algebra and numbers values which provides the foundation for a wide range of scientific and engineering jobs. This also allows pupils to easily convert results of outcomes that may occur in life.</p>

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	<p>Term 3 6 Weeks Max. No. Lessons: 24</p>	<p>Foundation-Fractions and percentages: Equivalent fractions to compare, simplify fractions, Converting between Fractions, Calculating with fractions, Converting between fractions, decimals and percentages, finding Percentages of amounts, percentage change, fraction calculations</p> <p>Higher- Fractions, Ratio and Percentages: Converting between fractions, decimals and percentages, Calculating with fraction, percentage change, reverse percentages, finding the original amount, Ratios, find an amount given a ration, scale up recipes, direct proportion</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment including MCQ's using AO1, AO2 and AO3 objectives with focus on all topics covered in previous terms.</p>	<p>Pupils that have the knowledge to interpret charts will allow them to create supported, informed decisions within business.</p>
	<p>Term 4 7 Weeks Max. No. Lessons:28</p>	<p>Foundation - Algebra: The basics algebra skills, expanding and factorising single brackets, Expressions and substitution into formulae, Equations, Inequalities, Sequences</p> <p>Angles: Properties of shapes, parallel lines and angle facts, Interior and exterior angles of polygons</p> <p>Higher- Angles and trigonometry: Polygons, angles and parallel lines, Interior and Exterior angles, Pythagoras' Theorem and trigonometry.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.</p>	<p>Pupils will be able to make meaningful interpretations of statistical data during their life. Pupils will use straight line graphs in a variety of situations including converting between currencies and creating a business plan.</p>
	<p>Term 5 4 Weeks Max. No. Lessons: 16</p>	<p>Foundation- Averages and range: Statistics and sampling, calculating and comparing averages.</p> <p>Higher- Graphs: Graphs: Basic graph knowledge and real-life graphs, Linear graphs and coordinate geometry, Quadratic, cubic and other graphs.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.</p>	<p>Recognising how a transformation changes the position of a 2D shape can be used to create a wide variety of artistic designs.</p>

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	<p>Term 6 7 Weeks Max. No. Lessons: 28</p>	<p>Foundation- Perimeter, area and volume: Perimeter and area, 3D forms and volume Higher- -Area and Volume: Perimeter, area and circles, 3D forms and volume, cylinders, cones and spheres, Accuracy and bounds.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment including MCQ's using AO1, AO2 and AO3 objectives with focus on all topics covered in previous terms.</p>	<p>They will gain the knowledge to convert various measures and be able to read scales helping with many later life situations. Pupils will be able to solve numeracy problems that they will meet in their own lives such as measurements buy carpet and furniture in their future home.</p>
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	Term / Duration	Topic & Main Content Overview	Assessment Task/Focus & Objectives	Powerful Knowledge for Year 10 (referenced to topic as appropriate)
Year 10 Scheme Overview	Term 1 7 Weeks Max. No. Lessons: 28	<p>Foundation- Fractions and percentages: Converting between Fractions, decimals and percentages, finding Percentages of amounts, percentage change, fraction calculations</p> <p>-Graphs: Real-life graphs, Straight-line graphs</p> <p>Higher: - Fractions, Ratio and percentages: Calculating with fractions, Converting between Fractions, decimals and percentages, Finding percentages of amounts, Percentage change, Writing ratios, Using ratios, Measures, Comparing ratios, Percentages, indirect and direct proportion problems.</p> <p>- Transformations and Constructions: Rotate, Reflect, Translate, Enlarge, Combined transformation, Constructing triangles, bisectors, Loci, Bearings</p>	<p>Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.</p>	<p>Pupils will gain the skill of manipulating algebra and number values which provides the foundation for a wide range of scientific and engineering jobs. This also allows pupils to easily convert results of outcomes that may occur in life.</p>
	Term 2 8 Weeks Max. No. Lessons: 32	<p>Foundation - Algebra: The basics algebra skills, expanding and factorising single brackets, Expressions and substitution into formulae, Equations, Inequalities, Sequences</p> <p>Higher - Algebra: Expanding and factorising single brackets, Expressions and substitution into formulae, Equation, Rearranging formulae, Solving equations.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment based on topics covered during term one and assessment objectives:</p> <p>AO1- using and applying standard techniques.</p> <p>AO2- reasoning, interpreting and communicating mathematically.</p> <p>AO3- solving non-routine problems in context.</p>	<p>Understanding the use of fraction, decimals and percentages will allow pupils to calculate various money-based problems. The ability to recognise patterns and sequences allows pupils to develop their problem-solving skills. Understanding the use of fraction, decimals and percentages will allow pupils to calculate various money-based problems.</p>

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<p>Term 3 6 Weeks Max. No. Lessons: 24</p>	<p>Foundation - Transformations: Rotate, Reflect, Translate, Enlarge, Combined transformation. - Ratio and proportion: Writing ratios, Using ratios, Measures, Comparing ratios, Percentages, indirect and direct proportion problems. Higher - Equations and inequalities: Solving quadratic and simultaneous equations, solving inequalities. - Probability: The language of probability, Calculating probability, More probability calculations, Experimental probability, Finance: Expected outcomes, Venn diagrams, Tree diagrams.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment using AO1, AO2 and AO3 objectives with focus on all topics covered in previous terms.</p>	<p>Pupils will be able to solve numeracy problems that they will meet in their own lives such as measurements needed to cook recipes and buy carpet and furniture in their future home. Pupils will use straight line graphs in a variety of situations including converting between currencies and creating a business plan.</p>
<p>Term 4 7 Weeks Max. No. Lessons: 28</p>	<p>Foundation -Right angled triangles: Pythagoras theorem, Trigonometry - Probability: The language of probability, calculating probabilities as fractions and decimals, combined probability including Sample Space, Venn Diagrams and tree diagrams Higher: - Multiplicative Reasoning: Solving proportion problems, using a multiplier, repeated percentage change, compound measures, create and use proportion equations, graphical representation -Similarity and Congruence: Similarity in shapes, geometric proofs and Congruence.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment using AO1, AO2 and AO3 objectives with focus on all topics covered in previous terms.</p>	<p>Understanding the use of fraction, decimals and percentages will allow pupils to calculate various money-based problems. By understanding speed, distance and time it allows the everyday use of planning journeys and events.</p>
<p>Term 5 4 Weeks Max. No. Lessons: 16</p>	<p>Foundation: -Multiplicative reasoning: Percentages, Growth and Decay, Compound measures, Distance, speed and time, Proportion. Construction, Loci and Bearings: Accurate measurements and scale drawings, plans and elevations, congruence, constructing angles and bisectors, using and drawing bearings Higher: - More Trigonometry: Graphs of trigonometric functions, area of non-right angled triangles, Sine and Cosine rule, 3D problems.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. Half termly topic test at the end of each topic during that term.</p>	<p>The ability to manipulate ratios will allow pupils to scale recipes when cooking for different groups of people as well as being able to share money fairly. Percentage's growth and compound will allow pupils to calculate various money based problems and make informed decisions.</p>

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Curriculum Knowledge & Assessment Overview 2021-23

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		- Further Statistics: Collecting and representing data, sampling, cumulative frequency, box-plots and histograms		
Term 6 7 Weeks Max. No. Lessons: 28		<p>Foundation – Quadratic Equations and Graphs: Expanding and factorising double brackets, solving quadratic equations by factorising, drawing and using graphs of quadratic equations</p> <p>- Perimeter, area and volume: Perimeter and area, 3D forms and volume of cylinders, cones and spheres</p> <p>Higher – Equations and Graphs: Quadratic equations and graphs, Cubic equations and graphs, Simultaneous Equations, quadratic and linear inequalities, iteration.</p>	<p>Continuous formative assessment via questioning, self and peer assessment.</p> <p>End of term assessment based on previous past GCSE covering AO1, AO2 and AO3 objectives with focus on all topics covered in previous years.</p>	<p>Understanding probability skills will help pupils assess risk factors and make informed decisions. It allows the analysis for businesses to make the optimum progress possible.</p> <p>Being able to construct, measure and draw angles accurately is an important skill in graphic design and architecture.</p>



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	Term / Duration	Topic & Main Content Overview	Assessment Task/Focus & Objectives	Powerful Knowledge for Year 11 (referenced to topic as appropriate)
Year 11 Scheme Overview	Term 1 7 Weeks Max. No. Lessons: 28	<p>Foundation- - Transformations: Rotate, Reflect, Translate, Enlarge, Combined transformation. -</p> <p>Multiplicative reasoning: Percentages, Growth and Decay, Compound measures, Distance, speed and time, Proportion.</p> <p>- Probability: The language of probability, calculating probabilities as fractions and decimals, combined probability including Sample Space, Venn Diagrams and tree diagrams</p> <p>Higher - Similarity and Congruence: Similarity in shapes, geometric proofs and Congruence.</p> <p>- More Trigonometry: Graphs of trigonometric functions, area of non-right angled triangles, Sine and Cosine rule, 3D problems.</p> <p>- Equations and Graphs: Quadratic equations and graphs, Cubic equations and graphs, Simultaneous Equations, quadratic and linear inequalities, iteration.</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment based on topics covered during term one and assessment objectives:</p> <p>AO1- using and applying standard techniques.</p> <p>AO2- reasoning, interpreting and communicating mathematically.</p> <p>AO3- solving non-routine problems in context.</p>	<p>Pupils will use straight line graphs in a variety of situations including converting between currencies and creating a business plan. Pupils will gain the skill of manipulating algebra which provides the foundation for a wide range of scientific and engineering jobs.</p>
	Term 2 8 Weeks Max. No. Lessons: 32	<p>Foundation: Construction, Loci and Bearings: Accurate measurements and scale drawings, plans and elevations, congruence, constructing angles and bisectors, using and drawing bearings</p> <p>- Quadratic Equations and Graphs: Expanding and factorising double brackets, solving quadratic equations by factorising, drawing and using graphs of quadratic equations</p>	<p>Continuous formative assessment via questioning, self and peer assessment. End of term assessment based on previous past GCSE covering AO1, AO2 and AO3 objectives with focus on all topics covered in previous years.</p>	<p>Pupils will gain the skill of manipulating algebra which provides the foundation for a wide range of scientific and engineering jobs. Pupils will use straight line graphs in a variety of situations including converting between currencies and creating a business plan. Proving mathematical situations builds the resilience within pupils to not give up</p>

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		<p>Higher: - Further Statistics: Collecting and representing data, sampling, cumulative frequency, box-plots and histograms</p> <p>-Circle theorems: All circle theorems and geometry.</p>		and work hard to achieve a difficult problem.
Term 3 6 Weeks Max. No. Lessons: 24	<p>Foundation: - Perimeter, area and volume: Perimeter and area, 3D forms and volume of cylinders, cones and spheres</p> <p>Fractions, indices and Standard Form: Fractions, reciprocals, calculating with mixed numbers, laws of indices, Standard Form</p> <p>More Algebra: Rearranging equations, graphs of cubic and reciprocal functions, simultaneous equations,</p> <p>Higher- Complex algebra: Rearranging, Solving, Algebraic fractions, Rationalising surds, Proof.</p> <p>-Vectors and Geometric Proof: Vector notation, combining vectors, geometric proofs</p> <p>- Proportion and Graphs: Reciprocal and exponential graphs, gradient and area under graphs, direct and inverse proportion problems and their graphs.</p>		Continuous formative assessment via questioning, self and peer assessment.	Pupils will be able to solve numeracy problems that they will meet in their own lives such as measurements needed to cook recipes and buy carpet and furniture in their future home.
Term 4 7 Weeks Max. No. Lessons:28	<p>Foundation – Congruence, Similarity and Vectors: Congruence of triangles, angle problems, similar shapes, scale factors, column vectors</p> <p>Revision</p> <p>Higher: Revision</p>		Continuous formative assessment via questioning, self and peer assessment. End of term assessment based on previous past GCSE covering AO1 , AO2 and AO3 objectives with focus on all topics covered in previous years.	Recognising how a transformation changes the position of a 2D shape can be used to create a wide variety of artistic designs. Pupils will be able to solve numeracy problems that they will meet in their own lives such as measurements needed to measure, build and buy objects in their future.

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	Term 5 4 Weeks Max. No. Lessons: 16	GCSE Exams		
	Term 6 7 Weeks Max. No. Lessons: 28	GCSE Exams		

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