



High achievement through challenge
and support for every learner

Maths - Foundation



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Expressions, Place Value, Addition, Subtraction & Angles	Multiplication, Properties of 2D shapes, Tessellations & Coordinates	Division, Perimeter & Time	Charts, Directed Numbers, Mode & Range	Order of Operations, Median, Range, Rounding & Estimating	Symmetry, Reflections & Multiples
8	Area, Simplifying Fractions, Probability & Decimals	Angles in Triangles & Quadrilaterals, Powers & Roots, 3D Shapes, Mean & Range	Factors, HCF & Simplifying Expressions	Solving Linear Equations, Fractions of Amounts & Listing Strategies	Coordinates & Graphs, Multiplication & Division with Directed Numbers & %s of Amounts	Sequences, Fraction with Mixed Numbers & Translations
9	Rotation, Substitution, Formulae & Ratio	Metric Units, Scale & Scale Drawings, Two-Way Frequency Tables & Frequency Trees	Fractions, Decimals, %s, Conversions, Proportion & Linear Equations	Pie Charts, Addition & Subtraction of Fractions & % Change	Circle Circumference & Area & Best Buys	Area of Compound Shapes
10	HCF/LCM, Product of Primes, Factorising, Solving Quadratics, Sampling & Proportion	Solving Linear Equations, Direct & Inverse Proportions & Plotting Quadratic Graphs	Plotting Other Non-Linear Graphs, Ratios to Linear Functions, Arcs & Sectors	Inequalities, Vectors & Compound Measures	Linear Simultaneous Equations, Re-arranging Formulae, Scale & Similarity	Error Intervals, Limits of Accuracy & Tree Diagrams
10	Conversion Graphs, Exchange Rates, Rotation, Symmetry, Indices & Ratio	Scale Drawings, Basic Tree Diagrams, Column Vectors & Scatter Graphs	Metric Conversions, Bar Charts & Graphs, Plans & Elevations	Forming & Solving Linear Equations, Averages from Tables & Enlargement, Linear Sequences	Inequalities, Angles in Parallel Lines, Proportion & Best Buys	Plotting Linear Graphs, Circumference & Area of Circles
11	Tree Diagrams, Non-Linear Graphs & RPRC	Pythagoras' Theorem & Right-Angled Trigonometry	Compound Units, Inequalities & Linear Graphs	Subject Skills & Application	Subject Skills & Application	
11	Stem & Leaf, Volume, Conversion Graphs, Linear Equations, Fractions, Decimals, %s & Frequency	Scatter Graphs, SDT, Angle Rules, Directed Numbers & Recipe Problems	Fractions, Perimeter, Area, Estimating, Best Buys & Coordinates	Inequalities, Charts & Graphs, Brackets & Averages	Subject Skills & Application	

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Maths - Foundation +



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Expressions, Place Value, The 4 Operations & Angles	Perimeter, Multiples, Powers, Roots Indices & Coordinates	Substitution, Formulae, Area & Ratio	Measures, Conversions, Factors & Compound Area	Recipe Problems, Averages, Stem & Leaf & Frequency Polygons	Rotation, Enlargement, Reflection & Translation
8	Plans & Elevations, Linear Sequences, Fractions, Decimals, %s & Linear Equations	Fractions & Circumference	Linear Graphs, Angles in Parallel Lines & Polygons	Pie Charts, Loci & Constructions	Probability, Bearings & Scale Drawings	Averages from Tables & Area of Circles
9	Volume of Prisms, Sampling & Proportion & Inequalities	% Change & Expanding Brackets	Surface Area of Prisms, HCF/LCM & Product of Primes	Linear Equations & Speed, Distance & Time	Scale & Similarity & Scatter Graphs	Re-arranging Formulae

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Maths - Higher



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Expressions, Perimeter & Circumference, Fractions Decimals, %, Rounding & Estimating	Area, Stem & Leaf, Powers, Roots, Indices, Substitution & Formulae	Multiples, Coordinates, Factors & Ratio	Measures, Conversions, Fractions, & Compound Area	Direct Proportion, Averages & Pie Charts	Rotation, Enlargement, Linear Graphs, Reflection & Translation
8	Plans & Elevations, Sequences, HCF/LCM, & Brackets	Volume of Prisms, Inequalities & percentages	Surface Area of Prisms, Linear Equations, & Angles in Parallel Lines	Sampling, Proportion, Averages from Tables & Loci	Ratio as Linear Functions, Scatter Graphs, Probability & Bearings	Rearranging Formulae, Direct & Inverse Proportion & Standard Form
9	Factorising & Solving Quadratics, Sectors & Arcs, Product Rule, CF Graphs & Box Plots	Plotting & Solving with Quadratic Graphs & Pythagoras' Theorem	% Change, Venn Diagrams & Vectors	Compound Measures, Scale & Similarity	Linear Simultaneous Equations & Tree Diagrams	Basic Trigonometry, Indices & Graphical Inequalities
10	Linear Simultaneous Equations, Vectors & Compound Measures	Linear Graphs, Scale & Similarity, Inequalities & Circle Theorems	Quadratics, Non-Linear Graphs, CF Graphs & Box Plots	Negative Enlargements, Mixed Transformations, Direct & Inverse Proportion & Iteration	3D Pythagoras, Right-Angled Trigonometry, Triple Brackets, Recurring Decimals & Histograms	Exact Trigonometry Values, Area of Triangle, Sine & Cosine
10	Compound Measures, CF Graphs, Box Plots, Vectors & Inequalities	Scale & Similarity, Non-Linear Graphs & Circle Theorems	Basic Right-Angled Trigonometry & Quadratics	Negative Enlargements, Mixed Transformations, Linear Graphs & Recurring Decimals	Triple Brackets, Indices, Product Rule, & Linear Simultaneous Equations	Real-Life Graphs, Conversion Graphs & DT & VT Graphs
11	Recurring Decimals, Histograms, Non-Linear Graphs & RPRC	Iteration & Complex Trigonometry	Simultaneous Equations, Sequences & Proof	Subject Skills & Application	Subject Skills & Application	

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Maths & Further Maths



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
12	Quadratics, Expressions, Equations, Inequalities, Transformations, Trigonometry, Ratios, Data Collection, Location & Spread, Trigonometry Identities & probability	Differentiation, Statistical Distributions, Hypothesis Testing, Representations of Data, Integration & Correlation	Modelling in Mechanics, Vectors, Constant Acceleration, Circles, Forces & Motion	Variable Acceleration, Algebraic Methods, Exponentials & Logs & Binomial Expansion	Algebraic Methods, Functions & Graphs	Sequences, Series & Binomial Expansion
12 FM	Complex Numbers, Series, Argand Diagrams & Roots of Polynomials	Vectors, Matrices, Proof by Induction & Linear Transformations	Momentum & Impulse, Discrete Random Variables, Elastic Collisions & Poisson Distribution	Work, Energy & Power, Chi Squared Testing, Volumes of Revolutions & Hypothesis Testing	Complex Numbers & Series	Methods in Calculus & Volumes of Revolutions
13	Parametric Equations, Normal Distribution, Differentiation, Regression & Hypothesis Testing	Conditional Probability, Numerical Methods, Moments & Integration	Forces & Friction, Projectiles, Vectors, Functions & Graphs	Application of Forces, Binomial Expansion, Sequences & Series	Subject Skills & Application	
13 FM	Elastic Strings & Springs, Quality of Tests & CLT	Complex Numbers, Series & Polar Coordinates	Hyperbolic Functions, Methods in Differential Equations	Methods in Calculus, Modelling with Differential Equations & Volumes of Revolutions	Subject Skills & Application	

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