	Grade 5
Grade 4	Writing a Ratio as a Fraction or Linear Function
Compound Interest and	Direct and Inverse Proportion
Depreciation	Reverse Percentages
Indices	Standard Form
Prime Factors, HCF and LCM	Speed and Density
Real Life and Distance Time Graphs	Changing the Subject of a Formula
Inequalities	Expanding and Factorising Quadratics
Forming and Solving Equations	Solving Quadratics
Sequences (Nth Term)	Drawing Quadratic Graphs
Expanding and Factorising	Drawing Other Graphs: Cubic/Reciprocal
Pythagoras	Simultaneous Equations
Angles in Parallel Lines	Solving Simultaneous Equations Graphically
Angles in Polygons	Midpoint of a Line Segment
Surface Area	Gradient of a Line
Volume of a Prism	Equation of a Line
Cylinders	Spheres and Cones
Loci and Construction	Sector Areas and Arc Lengths
Bearings	Similar Shapes (Lengths)
Plans and Elevations	SOHCAHTOA (Trigonometry)
Averages from Frequency Tables	Exact trig values
Probability	Vectors
Scatter Graphs	Probability Trees
	Venn Diagrams
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Grade 6	
Recurring Decimals to Fractions	
Fractional and Negative Indices	
The Product Rule for Counting	
Repeated Percentage Change	
Expanding Triple Brackets	
Parallel and Perpendicular Lines	
Inequalities on Graphs	
Similar Shapes (Area and Volume)	
Enlarging with Negative Scale Factors	
Circle Theorems	
Cumulative Frequency	
Box Plots	
Capture Recapture	

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l	Grade 7	
	Surds	
	Bounds	
	Direct and Inverse Proportion	
	Quadratic Formula	
	Factorising Harder Quadratics	
	Algebraic Fractions	
	Rearranging Harder Formulae	
	Trigonometric and Exponential Graphs	
	Inverse and Composite Functions	
	Iteration	
	Finding the Area of Any Triangle	
	The Sine Rule	
	The Cosine Rule	
	Congruent Triangles	
	3d Pythagoras and Trigonometry	
	Histograms	
	Conditional Probability	

	Grade 8/9	
	Quadratic Simultaneous Equations	Velocity Time Graphs
	Transforming Graphs y=f(x)	Proof of the Circle Theorems
	Proof	Perpendicular Lines and the equation of a tangent
	Completing the Square	Vectors Proof Questions
	The Nth Term of a Quadratic Sequence	Probability Equation Questions
	Quadratic Inequalities	