



*Mathematics*

'All children will experience an ambitious, well-balanced and comprehensive curriculum that develops intellectual and moral character. As a result, this will improve life chances, inter-personal relationships, social mobility and preparedness for employment. Our curriculum will encourage everyone to have a positive impact on society.'

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						Explore wages, salary, deductions, consider earnings for different careers and calculate deductions for tax and national insurance.
	Complex calculations Circle Theorems Linear graphs	Laws of indices Combined transformations Solving Quadratics	Similarity Simultaneous equations Proportionality	Graphical inequalities Area and volume	Arc and sectors Algebraic fractions 3D trigonometry and Pythagoras	
	Standard form Loci Linear equations	Fractions, decimals and percentages Transformation geometry Quadratic expressions	Similar Triangles Index Laws Direct Proportion	Linear graphs Area and volume	Simultaneous Equations Trigonometry	
	Significant figures and prime factors Frequency Polygons Angle rules Brackets in Algebra	Fractions, decimals and percentages Maps and Plans Pythagoras Sequences and nth terms	Averages Transformation geometry Solving equations	Proportion Coordinates and graphs Area and volume		
	Collection of data Processing and representing data	Summarising data	Scatter diagrams and correlation Time Series	Probability		



	Standard Form Rearranging formulae Distance - Time calculations	Vector Arithmetic Quadratic expressions and equations Probability	Simultaneous Equations Trigonometry
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