

Mathematics

Year group	9 Foundation					
Course	Maths					
Exam board Specification	AQA GCSE Maths 8300					
External assessment	3 x 90 minute written exams (Paper 1 – non calc Paper 2 – calc, Paper 3 –calc)					
Course content	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	<ul style="list-style-type: none"> • Prime numbers • Factors • Multiples • Squares and roots • Indices • Fractions 	<ul style="list-style-type: none"> • Decimals • Rounding • Angles • Bearings • Data 	<ul style="list-style-type: none"> • Sequences • Percentages • Ratio and proportion 	<ul style="list-style-type: none"> • Perimeter and area • Circles • Probability 	<ul style="list-style-type: none"> • Scatter graphs • Equations 	<ul style="list-style-type: none"> • Transformations • Pythagoras • 2D/3D shapes
Useful websites	www.mymaths.co.uk www.bcbitesize.co.uk https://vle.mathswatch.com/ www.justmaths.co.uk Specification: http://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300 Specimen papers: http://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300/assessment-resources					

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	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	<ul style="list-style-type: none"> • Prime numbers • Factors • Multiples • Fractions 	<ul style="list-style-type: none"> • Linear graphs • Decimals • Rounding • Percentages 	<ul style="list-style-type: none"> • Perimeter and area • Scale drawings • Real life graphs 	<ul style="list-style-type: none"> • Circles • Ratio • Proportion • Equations 	<ul style="list-style-type: none"> • Probability • Scatter graphs • Standard form 	<ul style="list-style-type: none"> • Transformations • Constructions • Loci • Shape

	<ul style="list-style-type: none">• Angles• Algebra	<ul style="list-style-type: none">• Data• Sequences				
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	<ul style="list-style-type: none"> • Basic Number • Factors and multiples • Fractions • Decimals • Rounding • Percentages • Indices • Standard form 	<ul style="list-style-type: none"> • Ratio and proportion • Measures • Perimeter and Area • Circles • Volume • Congruence 	<ul style="list-style-type: none"> • Number and Measures • Angles • Polygons • Scale diagrams • Constructions • Transformations 	<ul style="list-style-type: none"> • Algebra • Equations • Data 	<ul style="list-style-type: none"> • Probability • Cumulative frequency • Histograms • Stats 	<ul style="list-style-type: none"> • Sequences • Real life graphs • Inequalities
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	<ul style="list-style-type: none"> • Rounding • Standard form • Indices • Surds 	<ul style="list-style-type: none"> • Perimeter • Area • Circles • Volume • Polygons 	<ul style="list-style-type: none"> • Congruence • Pythagoras • Trigonometry 	<ul style="list-style-type: none"> • Statistics • Probability 		
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