



MATHS CURRICULUM OVERVIEW – HIGHER

Ready. Respect. Safe.

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
7	<ul style="list-style-type: none"> Place value & the number line Addition & subtraction Multiplication & division Power, roots & primes 		<ul style="list-style-type: none"> Order of operations Directed number Introduction to algebraic thinking Fractions 		<ul style="list-style-type: none"> Percentages, fractions & decimals Estimation & use of the calculator Manipulating & simplifying expressions 	
8	<ul style="list-style-type: none"> Drawing, measuring & constructing Manipulating & simplifying expressions Linear equations Proportional reasoning 		<ul style="list-style-type: none"> Polygons & angles Discrete data Area Ratio 		<ul style="list-style-type: none"> Formulae Cartesian Grid Bivariate data & time series Introduction to sequences 	
9	<ul style="list-style-type: none"> Angles in parallel lines Area of more complex shapes Reflection Linear graphs 	<ul style="list-style-type: none"> Representing data Averages 	<ul style="list-style-type: none"> 3D shapes Types of number Using percentages Money 	<ul style="list-style-type: none"> Rotation & translation Pythagoras 	<ul style="list-style-type: none"> Ratio & proportion Rates Probability Algebraic representation 	
10	<ul style="list-style-type: none"> Advanced graphs, equations & inequalities Congruence & similarity Right-angled triangles Advanced proportion & rates Circles 		<ul style="list-style-type: none"> Advanced measurement & construction Continuous data Set theory & logic Number theory Advanced manipulating & simplifying expressions 		<ul style="list-style-type: none"> Quadratic graphs & equations Surface area & volume Advanced sequences 	
11	<ul style="list-style-type: none"> Surds and indices Algebraic manipulation Linear and non-linear graphs 		<ul style="list-style-type: none"> Functions Proportion Geometric reasoning 	<ul style="list-style-type: none"> Algebraic reasoning Transformations Proof 		



MATHS CURRICULUM OVERVIEW – CROSSOVER

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	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
7	<ul style="list-style-type: none"> Place value & the number line Addition & subtraction Multiplication & division Power, roots & primes 		<ul style="list-style-type: none"> Order of operations Directed number Introduction to algebraic thinking Fractions 		<ul style="list-style-type: none"> Percentages, fractions & decimals Estimation & use of the calculator Manipulating & simplifying expressions 	
8	<ul style="list-style-type: none"> Drawing, measuring & constructing Manipulating & simplifying expressions Linear equations Proportional reasoning 		<ul style="list-style-type: none"> Polygons & angles Discrete data Area Ratio 		<ul style="list-style-type: none"> Formulae Cartesian Grid Bivariate data & time series Introduction to sequences 	
9	<ul style="list-style-type: none"> Angles in parallel lines Area of more complex shapes Reflection Linear graphs 	<ul style="list-style-type: none"> Representing data Averages 	<ul style="list-style-type: none"> 3D shapes Types of number Using percentages Money 	<ul style="list-style-type: none"> Rotation & translation Pythagoras 	<ul style="list-style-type: none"> Ratio & proportion Rates Probability Algebraic representation 	
10	<ul style="list-style-type: none"> Types & calculations with number Algebra and co-ordinate geometry Ratio & proportion Measurement & constructing Polygons, angles & area 		<ul style="list-style-type: none"> Standard form Advanced proportion & rates Congruence & similarity Advanced graph & equations 		<ul style="list-style-type: none"> Probability Right-angled triangles Circles 	



MATHS CURRICULUM OVERVIEW – FOUNDATION

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	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
7	<ul style="list-style-type: none"> Place value & the number line Addition & subtraction Multiplication & division Power, roots & primes 		<ul style="list-style-type: none"> Order of operations Directed number Introduction to algebraic thinking Fractions 		<ul style="list-style-type: none"> Percentages, fractions & decimals Estimation & use of the calculator Manipulating & simplifying expressions 	
8	<ul style="list-style-type: none"> Drawing, measuring & constructing Manipulating & simplifying expressions Linear equations Proportional reasoning 		<ul style="list-style-type: none"> Polygons & angles Discrete data Area Ratio 		<ul style="list-style-type: none"> Formulae Cartesian Grid Bivariate data & time series Introduction to sequences 	
9	<ul style="list-style-type: none"> Angles in parallel lines Area of more complex shapes Reflection Linear graphs 	<ul style="list-style-type: none"> Representing data Averages 	<ul style="list-style-type: none"> 3D shapes Types of number Using percentages Money 	<ul style="list-style-type: none"> Rotation & translation Pythagoras 	<ul style="list-style-type: none"> Ratio & proportion Rates Probability Algebraic representation 	
10	<ul style="list-style-type: none"> Place value & the 4 operations Types of number Expressions, linear equations & formulae 		<ul style="list-style-type: none"> Drawing, measuring & constructing Polygons, angles & area Discrete & bivariate data Percentages, fractions & decimals 	<ul style="list-style-type: none"> Estimation Proportion 	<ul style="list-style-type: none"> Cartesian grid, sequences & inequalities Congruence & similarity Probability 	
11	<ul style="list-style-type: none"> Manipulating number Ratio and percentages 	<ul style="list-style-type: none"> Manipulating expressions Standard form Angles & shape 	<ul style="list-style-type: none"> Averages & statistical representations Graphs 	<ul style="list-style-type: none"> Compound measures Transformations 	<ul style="list-style-type: none"> Probability Simultaneous equations 	