

Key Stage 3 Maths Curriculum Map

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Content	<ul style="list-style-type: none"> Sequences Algebraic notation Equality and Equivalence 	<ul style="list-style-type: none"> Place value and ordering Fractions, decimals and percentages equivalence Standard form 	<ul style="list-style-type: none"> Addition and Subtraction Multiplication and Division Fractions and percentages of amounts 	<ul style="list-style-type: none"> Directed numbers Addition and subtraction of fractions Explore higher powers and roots Roots of positive numbers Add and subtract simple algebraic functions 	<ul style="list-style-type: none"> Constructing, measuring and using geometric notation Developing geometric reasoning 	<ul style="list-style-type: none"> Developing number sense Sets & probability Prime numbers and proof
	Content	<ul style="list-style-type: none"> Proportional reasoning Express ratios in the form 1: n Understand gradient of a line as a ratio Explore direct proportion graphs Multiplicative change Multiplying and dividing fractions Work with coordinates in all four quadrants 	<ul style="list-style-type: none"> Recognise and use the line $y=x$ link graphs to linear sequences Explore the gradient of the line $y=kx$ Explore non-linear graphs find the midpoint of a line segment Representing data Probability 	<ul style="list-style-type: none"> Brackets, Equations and inequalities Sequences Indices Indices 	<ul style="list-style-type: none"> Fractions and percentages Standard form Understand and use negative indices and fractional indices Number sense Convert metric units of area Convert metric units of volume 	<ul style="list-style-type: none"> Angles in parallel lines and polygons Area of Trapezia and Circles Line of Symmetry and reflection 	<ul style="list-style-type: none"> Data handling Measures of location Find the mean from an ungrouped frequency table Find the mean from a grouped frequency table

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9	<i>Content</i>	<ul style="list-style-type: none"> Integers, place value and decimals Indices, powers and roots Factors multiples and primes Solving linear equations Pythagoras 	<ul style="list-style-type: none"> Algebra the basics Expanding and factorising single brackets Expressions and substitution Prime factorisation Bar charts, pie charts, pictograms, line charts, time series, averages Linear graphs 	<ul style="list-style-type: none"> Tables Pie charts Charts and graphs Estimation and bounds Trigonometry (SOH, CAH, TOA) Ratio and proportion 	<ul style="list-style-type: none"> Scatter graphs Fractions and percentages Inequalities (linear) Angles in polygons and properties of shapes 	<ul style="list-style-type: none"> Probability, listing strategies Constructions Area of 2D shapes Equations, inequalities and sequences 	<ul style="list-style-type: none"> Properties of shapes, parallel lines and angle facts Linear sequences Scatter graphs, lines of best fit