Year 8 Curriculum Map Maths

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Unit of Learning	Proportional	Representations	Algebraic	Developing	Developing	Reasoning with
	Reasoning		Techniques	Number	Geometry	data
Unit Focus	Ratio & Scale	Working in the	Brackets,	Fractions &	Angles in parallel	The data handling
	Multiplicative	Cartesian plane	equations &	percentages	lines & polygons	cycle
	Change	Representing data	inequalities	Standard index	Area of trapezia &	Measures of
	Multiplying &	Tables &	Sequences	form	circles	location
	division fractions	Probability	Indices	Number sense	Line symmetry &	
					reflection	
Key Knowledge	Using ratio	Coordinates in all	Multiply out single	Convert fluently	Basic algebra rules	Statistical enquiry.
	notation.	four quadrants.	and double	between fractions,	and notation.	
			brackets using the	decimals &		Draw and
	Expressing ratio in	Straight line	grid method.	percentages.	Constructions of	interpret
	different forms.	graphs.			triangles and	pictograms, bar
			Forma and solve	Using multipliers	special	charts, vertical line
	Understand	Gradient of a line.	equations with	to calculate	quadrilaterals.	charts and pie
	gradient as a ratio.		brackets and	percentages.		charts.
		Plot graphs in the	inequalities.		Sum of interior	
	Direct proportion	form y=mx+c.		Find the original	and exterior	Compare
	graphs.		Generate	amount.	angles in any	distributions using
		Scatter graphs.	sequences from		polygon.	charts.
	Currency.		words or an	Order numbers in		
		Lines of best fit.	algebraic rule.	standard form.	Area of triangles	Identify
	Scale diagrams				and quadrilaterals.	misleading graphs.
	and shapes.	Frequency tables.				

Find the nth term Multiplication & Add & subtract Area of a circle. Averages – mean, division of Two-way tables. of a linear numbers in median and mode. standard form. sequence. Line symmetry. fractions. **Probabilities from** Find the mean Reflect a shape in from an Reciprocals with Four operations a sample space. Understand and fractions. with indices. use negative & a horizontal or ungrouped and fractional indices. vertical line. Product rule for grouped Multiply & divide finding possible Addition & frequency table. algebraic Calculations with Reflect a shape in outcomes. subtraction law. a diagonal line. Identify outliers. fractions. money. Powers of powers. Metric measure. Area & volume. Time & the calendar. SMSC Truth, likelihood Truth, certainty The wonder of Pattern and order The universality of Shape and and certainty mathematics over regularity and likelihood numbers, formulae and time and space equations Shape and regularity Experiences/CEIAG Fibonacci Pi Day JMC **Big Bang Fair** Sequence Day Examples of how you Corbett maths Corbett maths Corbett maths Corbett maths Corbett maths Corbett maths can help your child at **MyMaths MyMaths MyMaths MyMaths MyMaths MyMaths** home

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