## Maths Year 7 curriculum map



Year 7	T1	T2	Т3	T4	T5	Т6
Content / Topic for	Number 1	Algebra 1	Geometry 1	Ratio and proportion 1	Statistics 1 and 2	Geometry 3
Term			Geometry 2		Probability 1	
Key	Basic arithmetic	Recall formulae (2D	Difference between	Ratio notation	Know the three	Recognise types of
knowledge		shapes)	area and perimeter		types of averages	angles (acute, etc)
for	Times tables			Recognise	and range	
acquisition,		Basic arithmetic	Formulae (2D shapes)	equivalent ratios		Angle notation
recall and	Number				Rules for drawing a	( <abc)< td=""></abc)<>
application in	properties	Difference between	More complex	Sharing in a given	bar/line chart	
assessment or		expression/formula/	formulae (2D shapes)	ratio		Compass directions
exam	Using four	equation			Basic proportions	
	operations with		Definition of a	What direct	$(eg \% = 90^{\circ})$	Recognise angles in
	directed numbers	What a like term is	compound shape	proportion is		parallel lines
					Difference between	
	Place value of a	Basic rules of	Definition of volume	The unitary method	' '	Three rules of
	number	algebra			frequencies in	bearings
			Units of	Basic metric units	context of a pie	
	Difference	What a linear	perimeter/area/volume		chart	Difference between
	between	sequence is		Recognise		'A to B' and 'A from
	significant figures		Definition of prism and	enlargements	Language of	B'
	and decimal		cross-section		probability	
	places			Use monetary		Know the steps to
			Special types of	conversions	Probability scale	execute three
	Definition of		triangle and properties			triangle
	estimation				Know to express a	constructions
					probability as FDP	

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operat (BIDM	tion of an alent	How to demonstrate that angles in a triangle sum to 180°  Special types of quadrilateral and properties		Difference between theoretical and experimental probability	Steps to construct angle and perpendicular bisector  Know the sum of interior angles of polygons
	operations to algebra netic	Measure an angle Use a protractor Substitution into formulae Calculate sum of the interior angles in a polygon using triangles	Use multiplication and division to work out equivalent ratios  Problem solving  Read a scale from a map  Apply unitary method  Calculate missing lengths in similar shapes	Calculate the averages and range  Use a protractor  Use a pair of compasses  Construct/interpret a bar charts (including dual bar charts)  Calculate angle of sector  List all possible outcomes  Calculate probabilities of single events	Measure an angle  Use a pair of compasses  Apply the rules of bearings  Execute three triangle constructions

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Title of	Basic Number	Algebra	Perimeter and Area	Ratio	Basic Probability	Angles
Knowledge						
Organiser	Factors and multiples					Bearings and Scale Drawings
	Fractions					

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