

St George's Central CE Primary School and Nursery

Subject Overview for Maths: Year 6

Term	Coverage						
Autumn	Place Value Read, write compare and order numbers to 10 000 000 Counting in powers of 10 Rounding Negative numbers	Addition, Subtraction, Multiplication and Division Mental calculation, known facts and estimates Written methods Word problems Factors and Multiples (including common) Squares and Cubes Order of operations			Fractions Equivalent fractions (including simplifying) Compare and order (including number lines) Mixed number and improper fractions Add and subtract fractions (improper/ mixed) Dividing fractions by integers Fractions of amounts (and finding the whole)		Measurement Metric measures Imperial measures Converting units
	<i>Fluency, reasoning and problem solving. Word problems. Making connections. Using a range of contexts (including measures).</i>						
Core Facts	Revision of mental strategies and core facts including addition and subtraction bonds, scaling and multiplication/ division facts.						
Spring	Ratio Ratio and fractions Calculating ratio Scale factors Ratio and proportion Problem solving	Algebra Find a rule Forming expressions and equations Substitution Find pairs of values	Decimals Decimals up to 3 decimal places Multiply and divide by 10,100 and 1000 Multiply and divide by integers Decimals as fractions	Fractions, Decimals, Percentages Comparisons Number lines Calculations	Measurement Area and perimeter of different shapes Volume	Statistics Line graphs Circles Pie charts Finding the mean	
	<i>Fluency, reasoning and problem solving. Word problems. Making connections. Using a range of contexts (including measures).</i>						
Core Facts	Revision of mental strategies and core facts including addition and subtraction bonds, scaling and multiplication/ division facts.						
Summer	Properties of Shape Protractors Draw, measure and calculate lines/angles. Draw shapes and nets	Position and Direction Position in all four quadrants Translations Reflections	SATS Prep Targeted support on previous learning.	SATS	Consolidation of Learning Project based learning Revision of all national curriculum objectives Problem solving using a range of contexts Connectivity between different areas of maths		
	<i>F/R/PS. Word problems. Connections. Contexts.</i>			<i>F/R/PS. Word problems. Connections. Contexts.</i>			
Core Facts	Revision of mental strategies and core facts.			Revision of mental strategies and core facts.			

'Never settle for less than your best'