St George's Central CE Primary School and Nursery

Subject Overview for Maths: Year 5/6

Term	Coverage				
Autumn	**Place Value** Numbers up to ten million Roman numerals Comparing and ordering Rounding Counting in powers of ten Negative numbers	**Four Operations** Addition and subtraction Inverse operations Multi-step problems Multiples and factors (including those that are common) Multiply and Divide by 10, 100 and 1000 Mental and formal methods for multiplication and division Squares, cubes and primes Order of operations		**Fractions** Equivalent fractions (inc. simplifying) Fractions on a number line Mixed and improper fractions Compare and order fractions Addition and subtraction of fractions Multiplication of fractions Fractions of amounts Finding the whole		
	Fluency, reasoning and problem solving. Word problems. Making connections. Using a range of contexts (including measures).				
Core Facts	**Revision of mental strategies and core facts including addition and subtraction bonds, scaling and multiplication/ division facts.**				
Spring	**Y5 Multiplication/Division** Mental strategies Multiply 4 digits by 1 digit Multiply 2 digit numbers Multiply 3 digits by 2 digits Divide with remainders **Y6 Ratio** Ratio and fractions Ratio symbol Scale factors Ratio and proportion problems	**Fractions, Decimals and Percentages** Decimals up to 3dp Decimals as fractions Rounding decimals Multiply/ divide by 10, 100, 1000 Multiplication and division Converting FDP Equivalence Ordering FDP Percentages of amounts	**Y5 Decimals and Percentages** Addition and subtraction of decimals Compliments to one Wholes and decimals Sequences Percentages of amounts **Y6 Algebra** Finding a rule Forming expressions Substitution Formulae and equations	**Perimeter, Area, Volume** Measure area and perimeter Calculate area and perimeter Compound/ irregular shapes Area of triangles Area of parallelograms Compare volume Estimate volume Calculate volume Estimating capacity	**Statistics** Line graphs Tables Timetables Circles Pie charts Mean
	Fluency, reasoning and problem solving. Word problems. Making connections. Using a range of contexts (including measures).				
Core Facts	**Revision of mental strategies and core facts including addition and subtraction bonds, scaling and multiplication/ division facts.**				

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Jesus said, 'I am the light of the world. Whoever follows Me will not walk in darkness, but will have the light of life.' John 8:12

	Coverage				
Summer	**Properties of Shape** Measuring angles Calculating angles Angles in a triangle Regular and irregular polygons Nets	**Position and Direction** Position in first quadrant Four quadrants Reflection (inc. coordinates) Translation (inc. coordinates)	**Y5 Negative Numbers** Negative numbers Roman Numerals	**Y5 Converting Units** Metric units Imperial units	**Y5 Volume** Calculating and comparing volume Estimating volume Estimating capacity
			Y6 SATS **Y6 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		
	Fluency, reasoning and problem solving. Word problems. Making connections. Using a range of contexts (including measures).				
Core Facts	**Revision of mental strategies and core facts including addition and subtraction bonds, scaling and multiplication/ division facts.**				

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