St Peter's Church of England Primary School
Year 6 Mathematics Curriculum Overview – Coverage Chart

YEAR 6	BLOCK	UNIT TITLE	COMPLETED
AUTUMN TERM	Place value, Addition and Subtraction	Place value in 6-digit numbers	
		Place 6-digit numbers on lines and round	
		Column addition and estimation	
		Column subtraction and estimation	
		Mental and written calculation strategies	
	Decimals and Fractions	Add or subtract decimals	
		Subtract 1-and 2- place decimals	
		Understand decimals w/ 3 places	
		Add/subtract multiples of 0.01/0/001	
		Decimals, fractions: compare, order	
		Equivalent fractions: add and subtract	
	Shape	2-D shapes (circles and quadrilaterals)	
		Draw, translate, reflect polygons	
		Draw 2-D shapes: find missing angles	
		Construct 3-D shapes using nets	
	Multiplication and Division	Multiples, factors and prime numbers	
		Solve short multiplication problems	
		Use short division to solve problems	
		Long multiplication problems	
		Formal and mental calculation strategies	
	Algebra	Generate and use simple formulae	
		Solve equations w/ 2 unknowns	
		Generate and continue linear sequences	
	Place Value, Addition and Subtraction	Add, subtract & round 6-/7-digit numbers	
		Understand/calculate negative numbers	
		Strategies in mental and written calculation	
		Brackets and order of operations	

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YEAR 6	BLOCK	UNIT TITLE	COMPLETED
SPRING TERM	Decimals and Fractions	Place value in 3-place decimals	
		Add numbers with up to 3 decimal places	
		Multiply/divide 2-place decimal numbers	
		Percentages and fractions of amounts	
		Multiply and divide fractions	
		Ratios, proportion and percentages	
	Multiplication and Division	Scale factor problems concerning area	
		Solve rate and scaling problems	
		Long division; different remainder forms	
		Use short/long multiplication in problems	
		Use short/long division in problems	
	Measures and Data	Conversion: metric/imperial units; line graphs	
		Time intervals, timetables, 24-hour clock	
		Pie-charts; find the mean of a data set	
		Calculate areas of different shapes	
		Calculate volumes of cubes/cuboids	
	Revision	Understand decimals, including negatives	
		Add/subt whole numbers; solve problems	
		Mental strategies; written multiplication	
		Mental multiplication & division; ratio	
		Fractions, decimals and percentages	
		Understanding and calculating fractions	

YEAR 6	BLOCK	UNIT TITLE	COMPLETED
SUMMER TERM	More Revision	Areas, perimeters and volume	
		Shapes, angles, reflections, translations	
		Bar charts, pie charts, line graphs, means	
		Algebra: unknowns and linear sequences	
		Problem solving	
	Maths around us	Measuring ourselves and around us	
		Tesselation & other shape patterns	
		Ratios in nature and art	
	Exploration in maths	Explore a million	
		Number Games and Puzzles	
		History of maths	
	Puzzles and Games	Calculator patterns	
		Number patterns	
		Number Puzzles	