



Mathematics Long-Term Plan

St James Church of England Primary School

	Cycle 1 [7 weeks]	Cycle 2 [7 weeks]	Cycle 3 [7 weeks]	Cycle 4 [7 weeks]	Cycle 5 [7 weeks]
Reception	<p><u>Matching</u> (1 week)</p> <p><u>Sorting</u> (1 week)</p> <p><u>Comparing and Ordering</u> (1 week)</p> <p><u>AB Patterns</u> (1 week)</p> <p><u>Counting</u> (2 weeks)</p>	<p><u>Time</u> (1 week)</p> <p><u>Composition of Numbers to 5</u> (2 weeks)</p> <p><u>2D Shapes</u> (2 weeks)</p> <p><u>Positional Language</u> (1 week)</p> <p><u>Counting</u> (1 week)</p>	<p><u>Counting and Ordering</u> (1 week)</p> <p><u>Counting</u> (1 week)</p> <p><u>Addition</u> (1 week)</p> <p><u>Comparing and Ordering</u> (1 week)</p> <p><u>Counting</u> (2 weeks)</p> <p><u>Patterns</u> (1 week)</p>	<p><u>Measuring Lengths and Heights</u> (1 week)</p> <p><u>Capacity</u> (1 week)</p> <p><u>2D Shapes</u> (1 week)</p> <p><u>3D Shapes</u> (1 week)</p> <p><u>Counting on to Add</u> (1 week)</p> <p><u>Counting Forwards and Backwards</u> (1 week)</p> <p><u>Counting to 20</u> (1 week)</p>	<p><u>Doubling</u> (1 week)</p> <p><u>Halving and Sharing</u> (1 week)</p> <p><u>Odd and Evens</u> (1 week)</p> <p><u>Mass</u> (1 week)</p> <p><u>Volume and Capacity</u> (1 week)</p> <p><u>Money</u> (1 week)</p> <p><u>Data</u> (1 week)</p> <p><u>Retrieval Unit</u> (1 week)</p> <p><u>Word Problems</u> (1 week)</p>
Year 1	Maths ELG Retrieval (1 week).	Chapter 4 - Subtraction Within 10. Number of Scheme Lessons - 6 (2 weeks).	Chapter 7 - Addition and Subtraction Within 20 (Part 2) Number of Scheme Lessons - 7 (1 week).	Chapter 12 - Multiplication Number of Scheme Lessons - 5 (1 week).	Chapter 16 - Time (Part 2). Number of Scheme Lessons - 6 (1 week).
	Chapter 1 - Counting to 10. Number of Scheme Lessons - 7 (3 weeks).	Chapter 5 - Positions Number of Scheme Lessons - 3 (1 week).	Chapter 8 - Shapes and Patterns. Number of Scheme Lessons - 4 (2 weeks).	Chapter 13 - Division Number of Scheme Lessons - 2 (1 week).	Chapter 17 - Money Number of Scheme Lessons - 2 (1 week).
	Chapter 2 - Number Bonds. Number of Scheme Lessons - 2 (1 week).	Chapter 6 - Numbers to 20. Number of Scheme Lessons - 5 (2 weeks).	Chapter 9 - Length and Height Number of Scheme Lessons - 4 (1 week).	Chapter 14 - Fractions Number of Scheme Lessons - 3 (1 weeks).	Chapter 18 - Volume and Capacity. Number of Scheme Lessons - 3 (1 week).
	Chapter 3 - Addition Within 10. Number of Scheme Lessons - 5 (2 weeks).	Chapter 7 - Addition and Subtraction Within 20 (Part 1) Number of Scheme Lessons - 7 (2 weeks).	Chapter 10 - Numbers to 40. Number of Scheme Lessons - 6 (2 weeks).	Chapter 15: Numbers to 100 Number of Scheme Lessons - 4 (2 week).	Chapter 19 - Mass Number of Scheme Lessons - 3 (2 weeks).
			Chapter 11 - Addition and Subtraction Word Prob. Number of Scheme Lessons - 6 (1 week).	Chapter 16 - Time (Part 1). Number of Scheme Lessons - 6 (1 week).	Chapter 20 - Space Number of Scheme Lessons - 3 (1 week).
Times Table Coverage (Teach)	Accurate counting to and addition within 10.	Count in multiples of 2, 5 and 10.	Count in multiples of 2, 5 and 10.	Count in multiples of 2, 5 and 10.	Count in multiples of 2, 5 and 10.
Year 2	Chapter 1 - Numbers to 100 Number of Scheme Lessons - 6 (2 weeks).	Chapter 3 - Multiplication 2s, 5s and 10s Part 2. Number of Scheme Lessons - 10 (2 weeks).	Chapter 5 - Length Number of Scheme Lessons - 8 (2 weeks).	Chapter 13 - Fractions Part 2 Number of Scheme Lessons - 13 (1 week).	Chapter 12 - 3D Shapes Number of Scheme Lessons - 6 (2 weeks).
	Chapter 2 - Addition and Subtraction Number of Scheme Lessons - 14 (4 weeks).	Chapter 4 - Multiplication/Division of 2,5,10 Number of Scheme Lessons - 8 (3 weeks).	Chapter 6 - Mass Number of Scheme Lessons - 7 (2 weeks).	Chapter 10- Money Number of Scheme Lessons - 10 (3 weeks).	Chapter 14 - Time Number of Scheme Lessons - 9 (3 weeks).
	Chapter 3 - Multiplication 2s, 5s and 10s Part 1. Number of Scheme Lessons - 10 (1 weeks).	Chapter 11 - 2D Shapes Number of Scheme Lessons - 10 (2 weeks).	Chapter 13 - Fractions Part 1 Number of Scheme Lessons - 13 (3 weeks).	Chapter 7 - Temperature Number of Scheme Lessons - 2 (1 week).	Chapter 15 - Volume Number of Scheme Lessons - 7 (2 weeks).

Times Table Coverage (Teach)				Chapter 8 - Pictograms Number of Scheme Lessons - 5 (1 week).	
				Chapter 9 - Word Problems Number of Scheme Lessons - 4 (1 week).	
	Count in multiples of 2, 5 and 10.	10 times table.	5 times table.	2 times table.	2, 5, 10 times table.
Year 3	Chapter 1 - Numbers to 1000 Number of Scheme Lessons - 8 (2 weeks).	Chapter 3 - Multiplication and Division Number of Scheme Lessons - 16 (4 weeks).	Chapter 11 - Fractions Number of Scheme Lessons - 15 (4 weeks).	Chapter 7 - Volume Number of Scheme Lessons - 10 (2 weeks).	Chapter 12 - Angles Part 2 Number of Scheme Lessons - 6 (1 weeks)
	Chapter 2 - Addition and Subtraction Number of Scheme Lessons - 22 (5 weeks).	Chapter 4 - Further Multiplication Number of Scheme Lessons - 12 (3 weeks).	Chapter 5 - Length Number of Scheme Lessons - 11 (2 weeks).	Chapter 8 - Money Number of Scheme Lessons - 10 (3 weeks).	Chapter 13 - Lines and Shapes Number of Scheme Lessons - 5 (1 week).
			Chapter 6 - Mass Number of Scheme Lessons - 7 (1 week).	Chapter 10 - Picture Graphs and Bar Graphs Number of Scheme Lessons - 4 (1 week).	Chapter 14 - Perimeter of Figures Number of Scheme Lessons - 9 (2 week).
				Chapter 12 - Angles Part 1 Number of Scheme Lessons - 6 (1 weeks)	Chapter 9 - Time Number of Scheme Lessons - 17 (3 weeks).
	2 times table 5 times table 10 times table 3 times table.	4 times table.	8 times table.	6 times table.	11 times tables.
Year 4	Chapter 1 - Numbers to 10,000 Number of Scheme Lessons - 13 (4 weeks).	Chapter 3 - Multiplication and Division Number of Scheme Lessons - 19 (4 weeks).	Chapter 4 - Further Multiplication Part 2 Number of Scheme Lessons - 18 (1 week).	Chapter 8 - Decimals Part 2 Number of Scheme Lessons - 9 (1 week).	Chapter 11 - Area and Perimeter of Figures Number of Scheme Lessons - 7 (1 week).
	Chapter 2 - Addition and Subtraction Within 10,000 Number of Scheme Lessons - 16 (3 weeks).	Chapter 4 - Further Multiplication Part 1 Number of Scheme Lessons - 18 (3 weeks).	Chapter 5 - Graphs Number of Scheme Lessons - 5 (1 week).	Chapter 7 - Time Number of Scheme Lessons - 6 (2 weeks).	Chapter 12 - Geometry Number of Scheme Lessons - 9 (3 weeks).
			Chapter 6 - Fractions Number of Scheme Lessons - 13 (3 weeks).	Chapter 9 - Money Number of Scheme Lessons - 8 (2 weeks).	Chapter 13 - Position and Movement Number of Scheme Lessons - 5 (2 weeks).
			Chapter 8 - Decimals Part 1 Number of Scheme Lessons - 9 (2 weeks).	Chapter 10 - Length, Mass and Volume Number of Scheme Lessons - 8 (2 weeks).	Chapter 14 - Roman Numerals Number of Scheme Lessons - 2 (1 week).
	4 times table (revisit) 8 times table (revisit) 11 times table (revisit)	7 times table.	3 times table (revisit) 9 times tables	6 times table (revisit) 12 times tables	All times tables.
Year 5	Chapter 1 - Numbers to 1,000,000 Number of Scheme Lessons - 12 (4 weeks).	Chapter 3 - Whole Numbers: Multiplication and Division Number of Scheme Lessons - 19 (6 weeks).	Chapter 5 - Graphs Number of Scheme Lessons - 7 (2 weeks)	Chapter 7 - Decimals Number of Scheme Lessons - 15 (3.5 weeks)	Chapter 10 - Position and Movement Number of Scheme Lessons - 5 (1 week)
	Chapter 2 - Whole Numbers: Addition and Subtraction Number of Scheme Lessons - 10 (3 weeks).	Chapter 4 - Whole Numbers: Word Problems Number of Scheme Lessons - 4 (1 week)	Chapter 6 - Fractions Number of Scheme Lessons - 18 (5 weeks)	Chapter 8 - Percentages Number of Scheme Lessons - 3 (1.5 week)	Chapter 11 - Measurements Number of Scheme Lessons - 9 (3 weeks)
	Chapter 14 - Roman Numerals Number of Scheme Lessons - 2 (1 week)			Chapter 9 - Geometry Number of Scheme Lessons - 12 (2 weeks)	Chapter 12 - Area and Perimeter Number of Scheme Lessons - 15 (2 weeks)
					Chapter 13 - Volume Number of Scheme Lessons - 5 (1 weeks)

<i>Times Table Coverage (Teach)</i>	<i>All times tables.</i>	<i>All times tables.</i>	<i>All times tables.</i>	<i>All times tables.</i>	<i>All times tables.</i>
Year 6	Chapter 1 – Numbers to 10,000,000 Number of Scheme Lessons – 5 (2 weeks).	Chapter 3 – Fractions Part 2 Number of Scheme Lessons – 15 (3 weeks).	Chapter 6 – Word Problems Number of Scheme Lessons – 6 (1.5 weeks).	Chapter 10 – Area and Perimeter Number of Scheme Lessons – 4 (1 week).	Chapter 13 – Position and Movement Number of Scheme Lessons – 10 (2 weeks).
	Chapter 2 – Four Operations Number of Scheme Lessons – 22 (4 weeks)	Chapter 4 – Decimals Number of Scheme Lessons – 14 (3 weeks)	Chapter 7 – Percentages Number of Scheme Lessons – 4 (1.5 weeks)	Chapter 11 – Volume Number of Scheme Lessons – 5 (1 week).	Chapter 14 – Graphs and Averages. Number of Scheme Lessons – 11 (3 weeks).
	Chapter 15 – Negative Numbers Number of Scheme Lessons – 2 (1 week).	Chapter 5 – Measure Number of Scheme Lessons – 7 (1.5 weeks).	Chapter 8 – Ratio Number of Scheme Lessons – 10 (2 weeks)	Chapter 12 – Geometry. Number of Scheme Lessons – 12 (4 weeks).	
	Chapter 3 – Fractions Part 1 Number of Scheme Lessons – 15 (1 week).		Chapter 9 – Algebra Number of Scheme Lessons – 10 (2 weeks).		
<i>Times Table Coverage (Teach)</i>	<i>All times tables.</i>	<i>All times tables.</i>	<i>All times tables.</i>	<i>All times tables.</i>	<i>All times tables.</i>

Key Curriculum Features – Number of Scheme Stated Lessons (In addition to White Space):

Year	Number of Lessons — A	Number of Lessons — B	Total Number of Lessons	Number of White Space Days	% of Yearly White Space
1	43	43	86	104	55%
2	60	59	119	71	37%
3	83	65	148	42	22%
4	90	48	138	52	27%
5	70	56	126	64	34%
6	69	68	137	53	28%