St Mary's Long Term Planning 2021-22
Maths

Early Years

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number and place value			Addition and subtraction			Measures		Multiplication and division		Geometry		Investigations and problem solving	
Spring	Fractions in real life		Measures	Addition and subtraction			Number and place value			Measures		Problem solving		
Summer	Number and place value	Addition and subtraction		Fractions in real life		Multiplication and division		Geometry		Measures				

Key Stage One

		Autumn		Spring		Summer 1	Summer 2
Year One		● Count in 2s up to 24, linking with even numbers and supporting doubles. ● Counting in multiples of 10 in order up to 120.		● Focus on counting in multiples of 5 up to 60, linking with knowledge of counting in 10s. ● Continue to develop fluency of counting in 2s and 10s.		● Count in multiples of 10, 2 and 5 in order with growing fluency.	● Count in multiples of 10, 2 and 5 in order fluently.
Year Two	**Autumn 1**	**Autumn 2**	**Spring 1**	**Spring 2**		**Summer 1**	**Summer 2**
	● Consolidate counting in steps of 2, 5 and 10 in order from 0 up to 12x.	● Count in steps of 2 and 5 from 0 up to 12x fluently. ● Recall multiples of 10 up to 12x10 in any order, including missing numbers and related division facts with growing fluency.	● Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts. ● Recall multiples of 10 up to 12x10 fluently.	● Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts. ● Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts with growing fluency.		● Count in multiples of 3 to 12x3 in order from 0. ● Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts fluently. ● Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts with growing fluency.	● Count in multiples of 3 to 12x3 in order from 0 with growing fluency. ● Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts fluently.

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Autumn	Number and place value			Addition and subtraction			Measures		Multiplication and division		Geometry		Statistics	Investigations and problem solving
Spring	Fractions, decimals and percentages		Measures		Addition and subtraction		Number and place value			Measures		Statistics		
Summer	Number and place value	Addition and subtraction		Fractions, decimals and percentages		Multiplication and division	Geometry		Measures					

Lower Key Stage 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year Three	● Count in mulitples of 3 to 12x3 in order from 0 fluently.	● Recall multiples of 3 up to 12x3 in any order, including missing numbers and related division facts with growing fluency. ● Count in multiples of 4 to 12x4 in order from 0 with growing fluency. ● Introduce (relating to 4x) and begin to count in multiples of 8 from 0 to 12x8.	● Recall multiples of 3 up to 12x3 in any order, including missing numbers and related division facts fluently. ● Count in multiples of 4 to 12x4 in order from 0 fluently. ● Count in multiples of 8 to 12x8 in order from 0 with growing fluency.	● Recall multiples of 4 up to 12x4 in any order, including missing numbers and related division facts with growing fluency. ● Count in multiples of 8 to 12x8 in order from 0 with fluently.	● Recall multiples of 4 up to 12x4 in any order, including missing numbers and related division facts fluently. ● Recall multiples of 8 up to 12x8 in any order, including missing numbers and related division facts with growing fluency.	● Recall multiples of 8 up to 12x8 in any order, including missing numbers and related division facts fluently.
Year Four	● Recall mutliples of 3, 4 and 8 up to 12x in any order, including missing numbers and related division facts fluently. ● Fluently count in 6s in order up to 12x6, using multiples of 3 to support	● Recall multiples of 6 in any order, including missing numbers and related division facts with growing fluency. ● Fluently count in 7s in order up to 12x7.	● Recall multiples of 6 in any order, including missing numbers and related division facts fluently. ● Recall multiples of 7 in any order, including missing numbers and related division facts with growing fluency.	● Recall multiples of 7 in any order, including missing numbers and related division facts fluently. ● Fluently count in 9s in order up to 12x9. ● Fluently count in 11s in order up to 12x11.	● Recall multiples of 9 in any order, including missing numbers and related division facts with growing fluency (using 10x and adjusting by 1 group to find 9x as a strategy). ● Recall multiples of 11 in any order, including missing numbers and related division facts fluently. ● Fluently count in 12s in order up to 12x12.	● Recall multiples of 9 in any order, including missing numbers and related division facts fluently. ● Recall multiples of 12 in any order, including missing numbers and related division facts with growing fluency (using 10x and adjusting by adding 2 more groups).

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Autumn	Number and place value		Addition and subtraction		Geometry			Multiplication and division		Fractions, decimals and percentages			Investigations and problem solving	
Spring	Measures				Number and place value		Addition and subtraction		Statistics		Multiplication and division			
Summer	Fractions, decimals and percentages				Geometry			Statistics		Measures				

Upper Key Stage 2

	The National Curriculum expectation is that by the end of Year 4, children are able to recall all 12 tables up to 12x12. To secure this, the first term of Year 5 should be used to consolidate.
	Autumn 1
Year Five	● Recall multiples of 12 in any order, including missing numbers and related division facts fluently. ● Recall multiples of all times tables up to 12x12 in any order, including missing numbers and related division facts with growing fluency.

	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	Number and place value		Addition and subtraction		Geometry			Multiplication and division		Fractions, decimals and percentages			Investigations and problem solving	
Spring	Measures				Number and place value Algebra (Year 6 only)	Addition and subtraction		Statistics		Multiplication and division				
Summer	Fractions, decimals and percentages				Geometry			Statistics		Measures				