ST. JOHN BOSCO RC PRIMARY SCHOOL

Long Term Plan	Maths	Year Group:	4

	Autumn Term		Spring Term		Summer Term	
	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half
Number and Place Value	**Number and Place Value (4 weeks)** ▪ To represent numbers to 1000 ▪ To recognise 100s, 10s and 1s ▪ To use a number line to 1000 ▪ To round to the nearest 10 ▪ To round to the nearest 100 ▪ To count in 1000s ▪ To use partitioning ▪ To use a number line to 10,000 ▪ To find 1, 10, 100 more or less ▪ To calculate 1,000 more or less ▪ To compare numbers ▪ To order numbers ▪ To round to the nearest 1,000 ▪ To count in 25s ▪ To use negative numbers ▪ To recognise Roman ls to 100	*Place value concepts will continue to be a focus in the remaining terms as part of memory jogger and daily maths meetings*	*Place value concepts will continue to be a focus in the remaining terms as part of memory jogger and daily maths meetings*	**Decimals (3 weeks)** • To recognise tenths and hundredths • To calculate tenths as decimals • To represent tenths on a place value grid • To place tenths on a number line • To divide 1-digit by 10 • To divide 2-digits by 10 • To recognise hundredths • To calculate hundredths as decimals • To represent hundredths on a place value grid • To divide 1 or 2-digits by 100	**Decimals (2 weeks)** • To recall and use bonds to 10 and 100 • To make a whole • To write decimals • To compare decimals • To order decimals • To round decimals • To find halves and quarters	*Place value concepts will continue to be a focus in the remaining terms as part of memory jogger and daily maths meetings*
Addition and Subtraction **Multiplication and Division** **Fractions**	**Addition and Subtraction (3 weeks)** ▪ To add and subtract 1s, 10s, 100's and 1000s ▪ To add two 3-digit numbers- not crossing 10 or 100 ▪ To add two 4-digit numbers – no exchange ▪ To add 3-digit numbers – crossing 10 or 100	**Multiplication and Division (3 weeks)** • To multiply by 10 • To multiply by 100 • To divide by 10 • To divide by 100 • To multiply by 1 and 0 • To divide by 1 and itself • To multiply and divide by 3	**Multiplication and Division (3 weeks)** • To recall the 11 and 12 times-table • To multiply 3 numbers • To find factor pairs • To use efficient multiplication • To use written	**Number: Fractions (2 weeks)** • To find equivalent fractions • To find and describe fractions greater than 1 • To count in fractions • To add fractions • To add 2 or more fraction	**Number: Fractions (3 weeks)** ▪ To make a whole ▪ To recognise tenths ▪ To count in tenths ▪ To recognise tenths as decimals ▪ To place fractions on a number line ▪ To find fractions- set of objects	

	▪ To add two 4-digit numbers – one exchange ▪ To add two 4-digit numbers- more than one exchange ▪ Subtract a 3-digit number from a 3-digit number- no exchange ▪ Subtract two 4-digit numbers- no exchange ▪ To subtract a 3-digit number from a 3-digit number- exchange ▪ To subtract two 4-digit numbers- one exchange ▪ To subtract two 4-digit numbers- more than one exchange ▪ To use efficient subtraction ▪ To estimate answers ▪ To use checking strategies	• To recall the 3 times-table • To multiply and divide by 6 • To recall and use the 6 times-table and division facts • To multiply and divide by 9 • To recall and use the 9 times-table and division facts • To multiply and divide by 7 • To recall and use the 7 times-table and division facts	methods • To multiply 2-digits by 1-digit • To multiply 3-digits by 1-digit • To divide 2-digits by 1-digit **Fractions (1 week)** • To recognise unit and non-unit fractions • To explain what a fraction is • To recognise tenths • To count in tenths		▪ To find equivalent fractions ▪ To compare fractions ▪ To order fractions]to add fractions ▪ To subtract fractions	
Geometry **Measurement** **Statistics**		**Measurement: Length and Perimeter (2 weeks)** • To find equivalent lengths- m and cm • To find equivalent lengths- mm and cm • To use kilometres • To add lengths • To subtract lengths • To measure perimeter • To calculate perimeter on a grid. • To find the perimeter of a rectangle • To find the perimeter of rectilinear shapes	**Measurement: Area (1 week)** • To find out what area is • To find area by counting squares • To make shapes • To compare area		**Measurement: Money (2 weeks)** • To recognise and use pounds and pence • To order money • To estimate money • To convert pounds and pence • To add money • To subtract money • To find change • To use the four operations with money **Measurement: Time (2 weeks)** • **To tell the time to five minutes** • **To tell the time to the minute**	**Geometry: Properties of shape (2 weeks)** ▪ To describe and calculate turns and angles ▪ To identify right angles in shapes ▪ To compare angles ▪ To identify angles ▪ To compare and order angles ▪ To recognise and describe 2-D shapes ▪ To identify triangles ▪ To identify quadrilaterals ▪ To identify horizontal and vertical ▪ To identify lines of symmetry ▪ To complete a symmetric figure **Geometry: Position and Direction (2 weeks)**

					• **To use a.m. and p.m.** • **To use hours, minutes and seconds** • **To recognise years, months, weeks and days** • **To convert analogue to digital- 12 hour** • **To convert analogue to digital – 24 hour** **Statistics (1 week)** • **To interpret charts** • **To make comparisons and find the sum and difference** • **To construct and interpret line graphs**	• To describe position • To draw position on a grid • To move on a grid • To describe movement on a grid