



St. Peter's CE Primary School.

Mathematics: Long Term Plan-Objectives.

Year 2

Pupils will be learning their 2x, 3x, 4x, 5x, 10x tables throughout the year.

Year Group- 2	<u>Autumn</u>	<u>Spring</u>	<u>Summer</u>
Number: Number and Place Value	Numbers to 100 Count to 100 through different steps including counting up in 10s. Place value. Comparing numbers using their place value knowledge and they will go through number bonds. Explore numbers to see patterns within 100.		
Number: Addition and Subtraction	Addition and Subtraction Addition and subtraction using number bonds diagrams as well as the standard column method.	Word Problems Addition and subtraction to help them solve word problems. Initially, pupils will be looking at when addition and subtraction are most appropriate: teaching them decision making. The bar model method emphasis in this chapter focuses on modelling two different amounts by recognising what is the same about the two amounts (two equal bars) plus the difference (the greater amount).	
Number: Multiplication and Division	Multiplication of 2, 5 and 10 Multiplication of 2, 5 and 10. Pupils will also get to understand what multiplication means and looks like. Patterns in multiplication and commutative law. Multiplication and Division of 2, 5 and 10 Multiplication and division of 2, 5 and 10. Sharing, including sharing and grouping before going into division by 2, 5 and 10. Investigate links between multiplication and division and odd and even numbers		
Number: Fractions			Fractions Find fractions of whole numbers/quantities. Equal parts: focusing on making halves, quarters and thirds. Name fractions of the same denominations. Equal fractions, primarily looking at halves and quarters. Comparing and ordering fractions and counting wholes and parts. Count in quarters and thirds, finishing the unit by finding parts of a set and part of a quantity.
Measurement	Length Measure length. Understanding what a metre is and what centimetres are and then progress to using them in real-life contexts.	Mass Mass in the context of kilograms and grams. Read scales, to compare the weight of different objects and to solve word problems in the context of mass.	Time Concepts of time. Recognising time to 5 minutes and progresses in a way that pupils will be able to tell time, sequence it and manipulate an analogue clock. Find the duration of time, the end of a length of time, the beginning

		<p>Temperature Gain experience in measuring temperature. They will learn about Celsius, how to read thermometers to help them understand and they will look at what kinds of temperatures we can measure.</p> <p>Money Reviewing concepts on writing and counting money in addition to extending their knowledge of how to represent money using £ and p. Reinforcing previous counting methods using 5s and 10s to count quickly and efficiently. Show equal amounts of money and how to exchange money. Using bar modelling to calculate the total amount of money spent and then working out how much change is required from amounts below £100.</p>	<p>of a length of time and, finally, compare lengths of time.</p> <p>Volume Comparing volume, measuring in l and ml and solving word problems associated with volume.</p>
Geometry: Properties of Shape		<p>Two-Dimensional Shapes 2-D shapes and their different properties. Draw shapes, make patterns with shapes and turn shapes using familiar language. Identifying sides to identifying vertices before moving on to lines of symmetry. Make figures using blocks and sorting the basic shapes before they move on to drawing shapes using square grids and dot grids. Make and describe patterns in addition to moving and turning shapes.</p>	<p>Three-Dimensional Shapes Recognising, describing and grouping 3-D shapes, forming structures with them and making patterns using 3-D shapes.</p>
Statistics		<p>Picture Graphs Learn how to read, interpret, analyse and construct their own picture graphs with confidence.</p>	