Language Provision Half-Termly Maths Learning Journey Overview

Autumn 1:2023

As Mathematicians we will be…

Focusing on Place Value to 10 and 20 (EYFS and Year 1 Curriculum), to 50 and 100 (Year 2 Curriculum) and moving into the hundreds and thousands (Year 3 Curriculum). We will be using a range of manipulatives and resources, as well as practical learning activities to reinforce our understanding for when we move onto addition and subtraction.

		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Dates:		Mon 04.09.23	Mon 11.09.23	Mon 18.09.23	Mon 25.09.23	Mon 02.10.23	Mon 09.10.23
EYFS	**Base line: Week 0-3** (Positional Language) **Just Like Me** Matching, Sorting and Comparing Amounts; Comparing Size, Mass, Patterns and Capacity; Exploring Patterns	★ Match objects ★ Match pictures and objects ★ Identify a set of objects		★ Sort objects to a type. ★ Explore sorting techniques. ★ Create sorting techniques. ★ Compare amounts.	★ Compare size (big and small, tall and short). ★ Compare mass (heavy and light). ★ Compare capacity (full and empty).		★ Explore simple patterns ★ Copy and continue simple patterns ★ Create simple patterns.
Year 1	Place Value **(0-10)**	★ Sort objects by shape, colour or size. ★ Count objects. ★ Count objects from a larger group. ★ Represent objects.		★ Count on from any number (within 10). ★ Find one more (within 10). ★ Count backwards within 10.	★ Count backwards within 10. ★ Find one less (within 10). ★ Understand fewer, more, same. ★ Understand less than, greater than, equal to. ★ Compare numbers to 10.		★ Compare numbers ★ Order objects and numbers ★ Understand the number line to 10.

			★ Find one less (within 10).			
	Place Value **(0-20)**	★ Count within 20 ★ Understand 10 ★ Understand 11 – 15 ★ Understand 16 – 20 ★ Identify 1 more to 20 ★ Identify 1 less to 20 ★ Know and understand the number line to 20.				★ Use a number line to 20. ★ Estimate on a number line to 20. ★ Compare numbers to 20. ★ Order numbers to 20.
Year 2	Place Value **(0-100)** Addition and Subtraction	★ Count objects to 100. ★ Explain the strategies you use. ★ Represent 100 in different ways using 10s and 1s.	★ Confidently partition in a variety of ways, using the part whole method. ★ State the value of each digit in a 2 digit number. ★ Compare objects, using < and > symbols. ★ Verbally explain my answer to a word question.	★ Compare numbers presented as numerals rather than just objects. ★ Be able to recognise numbers represented as numbers and numerals. ★ Choose the best way to compare numbers. ★ Order numbers from the smallest to greatest and	★ Complete at least the 1x, 2x, 5x and 10x lines on a multiplication square independently. ★ Complete multiplication wheels for at least the 1x, 2x, 5x and 10x tables independently. ★ Complete times table and division questions for the 1x, 2x, 5x	★ Confidently create bonds to 10 using a range of manipulatives. ★ Work out how many more they need to add to a number to make 10. ★ Confidently recognise and create addition bonds to 20 using a range of manipulatives. ★ Use related number bond facts to calculate 2 digit, tens additions. ★ To calculate number bonds to 100, using related facts.

				greatest to smallest.	and 10x tables independently.	
Year 3	Place Value **(0-100)** Addition and Subtraction	★ Count objects to 1000. ★ Explain the strategies you use. ★ Explain that 3 digit numbers are made up of 100s, 10s and 1s.	★ Represent 3 digit numbers in a variety of ways. ★ Work out and state the value of different intervals on a number line. ★ Find 1, 10 or 100 more or less than any given 3 digit number. ★ Compare objects, using < and > symbols. Verbally explain my answer to a word question.	★ Compare numbers presented as numerals rather than objects. ★ Choose the best way to compare numbers. ★ Order numbers from smallest to greatest or greatest to smallest. ★ Explain what ascending and descending mean.		★ Confidently add and subtract 10s to 3 digit numbers, using both manipulatives and mentally. ★ Be able to use the part whole model to represent 3 digit numbers, in order to add and subtract 100s. ★ Spot patterns and use related facts to add and subtract differing amounts. ★ Add 1s confidently, to bridge across a 10, within 3 digit numbers.
Year 4	Place Value **(0-1000)** Addition and Subtraction	★ Represent numbers to 1,000 using a range of manipulatives.	★ Count on and back in 1,000s. ★ Know how many thousands there are in a	★ Find 1, 10, 100, 1,000 more or less than a given number. ★ Know what the difference in		★ Confidently add and subtract 1s, 10s, 100s and 1,000s. ★ Work out 4 digit missing number calculations.

		★ Partition numbers to 1,000 in a range of ways, including the part whole model. ★ Know what a given number is equal to in H,T and Os. ★ Know how to work out the worth of intervals on a number line.	given 4 digit number. ★ Recognise multiples of 1,000. ★ Represent numbers to 10,000 using a range of manipulatives. ★ Partition numbers to 10,000 in a range of ways, including the part whole model.	value between the start and end points of a number line are. ★ Explain how to calculate the halfway point on a number line. ★ Estimate numbers on a number line.		★ Identify which operation to use to complete a problem solving calculation. ★ Add up to two 4-digit numbers (no exchange) using both manipulatives and the formal written method.