

Year 3 Set 2 Maths Plan: Overview Spring Term A

	Ongoing	Year 3 Learning Objectives	Year 4 Objectives **
Week 1	Recall multiplication facts for the 2x 5x 10x 3x 4x 8x table. (Year 4) Recall number facts for times tables up to 12x12 Read and write numbers up to 1000 in numerals and words.	<u>Place Value</u> Count forwards and backwards in multiples of 3, 4, 8, 50 and 100. Assessment -Times tables	<u>Place Value</u> Counting in 6's, 7's and 9's. Counting in 25's and 1000's
Week 2		To divide 100 into 2 4 5 and 10 equal parts. Understand and apply the equivalence of 10 tens and 1 hundred. Partition 3 digit numbers using non standard partitioning. Identify 3 digit numbers in different representations. Assessment Add and subtract ones, tens and hundreds to and from a three digit number.	Identify the previous and next multiple of 1000, 100 and 10. Recognise the value of each digit in a four digit number. Find 1000 more or less than a given number Round any number to the nearest 10, 100 , 1000.
Week 3	Compare and order numbers up to 1000.	<u>Addition and Subtraction</u> Revisit mental strategies for adding ones to a 3 digit number when crossing the tens. Revisit adding and subtracting 2 and 3 digit numbers to and from a 3 digit number including bridging. Introduce formal written method of expanded column addition. Introduce expanded column addition when crossing the ten.	<u>Addition and Subtraction</u> Use written formal methods of column addition to add two 4-digit numbers with no exchanges. Add two 4-digit numbers with one exchange. Add two 4-digit numbers with 2 exchanges.
Week 4		<u>Addition and Subtraction</u> Introduce formal written method of column addition with regrouping when crossing the ten. Introduce formal method of column subtraction without exchange.	Subtract 2 4-digit numbers with no exchange. Subtract 2 4-digit numbers with one exchange.

		Introduce formal method of subtraction with exchange.	
Week 5	Practice mental strategies to aid fluency. (Addition/ subtraction facts to 20 by heart)	<p>Round 2 digit and 3 digit numbers in order to estimate and check addition and subtraction calculations.</p> <p>Use the inverse operation to check answers.</p> <p>Use the inverse operation to solve missing number addition and subtraction problems.</p>	Subtract 2 4-digit numbers with more than one exchange.
Week 6		<p><u>Multiplication</u> Multiply multiples of 10. Solve problems such as 60×4 by calculating 6×4 and multiplying by 10.</p> <p>Introduce the Grid method of multiplication to multiply 2 digit numbers by 1 digit numbers.</p> <p>Introduce expanded multiplication.</p>	<p><u>Multiplication</u> Recall multiplication and division facts for multiplication tables up to 12×12.</p> <p>Two step multiplication multiplying 3 numbers.</p>
Week 7	Calculate number bonds of 100.	<p><u>Geometry</u> Identify right angles in turns. Identify right angles in 2D shapes. Compare angles. Identify horizontal and vertical lines. Identify parallel and perpendicular lines.</p>	<p><u>Geometry</u> Identify acute and obtuse angles. Compare and order angles up to two right angles by size.</p>
		<u>Half Term Holiday</u>	

**** Planning may change to suit the needs and abilities of the children at the time. The Year 4 children will work on securing the Year 3 objectives before progressing to the Year 4 objectives.**