

Maths Long Term Plan Year 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Place Value		Addition and Subtraction							Multiplication and Division		Statistics
	Identify ten more or ten less than any given number Recognise the place value of each digit in a two-digit number (tens, ones) Read and write numbers to at least 100 in numerals. Identify, represent and estimate numbers to 100 using different representations, including the number line, and partitioning in different ways (+) Compare and order numbers from 0 up to 100; use <, > and = signs Solve number problems with number facts and place value from the Year 2 curriculum		Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot Understand that sum and difference indicate addition and subtraction respectively Use addition and subtraction facts to 20 and derive related facts up to 100 Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers and adding three one-digit numbers Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods Use the inverse relationship between addition and subtraction to solve missing number problems Recall addition and subtraction facts to 20 fluently, deriving related facts to 100 Record addition and subtraction in columns using an expanded format involving partitioning He/she can use estimation to check that their answers to a calculation are reasonable (e.g. knowing that $48+35$ will							Count in tens from any number, forward and backward Count in steps of 2, 5 and 10, forward and backward Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot Use a variety of language to describe multiplication and division Calculate mentally using multiplication and division facts for the 2, 5 and 10 multiplication tables Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts Recall multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs		Present data in simple tables, simple pictograms, tally charts and block diagrams Ask and answer questions about totalling and comparing categorical data

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			be less than 100). Check subtraction calculations using addition calculations by adding in a different order									
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Spring	Money			Fractions			Geometry			Length and Mass		
	Recognise and use symbols for pounds (£) and pence (p) (^) Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change The pupil can subtract mentally a 2 digit number from another 2 digit number when there is no regrouping required (e.g. 74-33). Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods He/she can use estimation to check that their answers to a calculation are reasonable (e.g. knowing that 48+35 will			Recognise, find, name and write fractions $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity Recognise, find, name and write fractions $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of a length, shape, set of objects or quantity Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ Write simple fractions			Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces Identify 2-D shapes on the surface of 3-D shapes, for example, a circle on a cylinder and a triangle on a pyramid Use mathematical vocabulary to describe movement, including movement in a straight line whole, half, quarter and three quarter turns.			Compare and order measurements and record the results using $>$, $<$ and $=$ as well as simple multiples Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g, using rulers, scales, Solve problems involving comparing measures of length, mass		

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	be less than 100).	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts										
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Summer	Time Know the number of minutes in an hour and the number of hours in a day Compare and order measurements and record the results using $>$, $<$ and $=$ as well as simple multiples Tell and write the time to quarter hour increments using an analogue clock. Record the time on an analogue clock to the nearest 5 minutes			Capacity, Volume and Temperature Compare and order measurements and record the results using $>$, $<$ and $=$ as well as simple multiples Choose and use appropriate standard units to estimate and measure temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using thermometers and measuring vessels Solve problems involving comparing measures of capacity/volume and temperature			Assessments			Post SATs Projects		