Year 2 Maths Long-Term Plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
M/O starters	read and write numbers to at least 100 in numerals and in words	count in steps of 2, from 0, and from any number, forward and backward	count in steps of 5, from 0, and from any number, forward and backward		count in steps of 10, from 0, and from any number, forward and backward	count in steps of 2, from 0, and from any number, forward and backward	count in steps of 5, from 0, and from any number, forward and backward	count in steps of 10, from 0, and from any number, forward and backward	count in steps of 2, 5 and 10 from 0, and any number, forward and backward			
Autumn Term	**Number – place value** recognise the place value of each digit in a two-digit number (10s, 1s) identify, represent and estimate numbers using different representations, compare and order numbers from 0 up to 100; use <, > and = signs use place value and number facts to solve problems	**Number – addition and subtraction** recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and 1s, a two-digit number and 10s, 2 two-digit numbers adding 3 one-digit numbers show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot recognise and use the inverse relationship between addition and subtraction check calculations and solve missing number problems			**Number – multiplication and division** recall and use 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 (×), division (÷) and equals (=) signs		**Number – fractions** recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity recognise, find, name and write fractions of a length, shape, set of objects or quantity		**Assess Week**		**Geometry - shape** identify and describe the properties of 2-D shapes, identify and describe the properties of 3-D shapes, identify 2-D shapes on the surface of 3-D shapes, compare and sort common 2-D and 3-D shapes and everyday objects	**Geometry – position** order and arrange objects in patterns and sequences use math vocabulary to describe position, direction in a straight line and distinguish between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)

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M/O starters	2 x table	5x table	10x table	2 x table	5x table	10x table	2 x table	5x table	10x table	2x 5 x and 10x	2x 5 x and 10x	2x 5 x and 10x
Spring Term	**Number – place value** compare and order numbers from 0 up to 100; use <, > and = signs use place value and number facts	**Measure –** choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels compare and order lengths, mass, volume/capacity and record the results using >, < and =		**Number – addition and subtraction** add and subtract numbers using CP and mentally, including: a two-digit number and 1s a two-digit number and 10s 2 two-digit numbers adding 3 one-digit numbers show that addition can be commutative and subtraction cannot recognise and use the inverse relationship between addition and subtraction solve problems with addition and subtraction:		**Statistics** interpret and construct simple pictograms, tally charts, block diagrams and tables ask and answer simple questions by counting the number of objects in each category and about totalling and comparing categorical data	**Measure– time** compare and sequence intervals of time tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times know the number of minutes in an hour and the number of hours in a day		**Number – multiplication and division (fractions linked)** show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts write simple fractions recognise the equivalence between halves and quarters		**Measure – money** recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value solve simple problems in a practical context involving addition and subtraction of money of the same unit and give change	**Assess week**

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M/O starter	2 x table	5x table	10x table	2 x table	5x table	10x table	count in steps of 3, from 0 forward and backward	count in steps of 3, from 0 and link to arrays	count in steps of 3 from 0 and look at written number sentences for X	count in steps of 3, from 0 forward and backward	count in steps of 3, from 0 and link to arrays	count in steps of 3 from 0 and look at written number sentences for X
Summer Term	**Number revision:** add and subtract numbers using CP and mentally, including: a two-digit number and 1s a two-digit number and 10s 2 two-digit numbers adding 3 one-digit numbers show that addition can be commutative and subtraction cannot recognise and use the inverse relationship between addition and subtraction solve problems with addition and subtraction: show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts			**Measure/Geometry/Statistics revision:** choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit identify and describe the properties of 2-D shapes, identify and describe the properties of 3-D shapes, use math vocabulary to describe position, direction and understand quarter, half and three-quarter turns (clockwise and anti-clockwise) ask and answer simple questions by counting the number of objects in each category and about totalling and comparing categorical data compare and sequence intervals of time tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times know the number of minutes in an hour and the number of hours in a day solve simple problems in a practical context involving addition and subtraction of money of the same unit and give change			**Fraction revision:** recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity write simple fractions, for example $\frac{1}{2}$ of 6 = 3 recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$			Transition work to prepare for KS2.