



Maths LTP in Year 1 & 2 at Farmilo



	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2
1	<u>Number: Place Value within 20</u>	1	<u>Number: Place value (within 100)</u>	1	<u>Number: Addition and Subtraction (within 100)</u>	1	<u>Number: Multiplication and Division</u>	1	<u>Measurement: Money</u>	1	<u>Measurement: Time</u>
2	<u>Number: Place Value (within 20)</u>	2	<u>Number: Place value (within 100)</u>	2	<u>Number: Addition and Subtraction (within 100)</u>	2	<u>Number: Multiplication and Division</u>	2	<u>Measurement: Money</u>	2	<u>Measurement: Time</u>
3	<u>Number: Place Value (within 20)</u>	3	<u>Number: Place value (within 100)</u>	3	<u>Number: Addition and Subtraction (within 100)</u>	3	<u>Measurement: Length and Height</u>	3	<u>Number: Fractions</u>	3	<u>Measurement: Mass and weight</u>
4	<u>Number: Addition and subtraction (within 20)</u>	4	<u>Geometry: Shape</u>	4	<u>Number: Addition and Subtraction (within 100)</u>	4	<u>Measurement: Length and Height</u>	4	<u>Number: Fractions</u>	4	<u>Measurement: capacity and Volume</u>
5	<u>Number: Addition and subtraction (within 20)</u>	5	<u>Geometry: Shape</u>	5	<u>Number: Multiplication and Division</u>	5	<u>Statistics</u>	5	<u>Number: Fractions</u>	5	<u>Measurement: temperature</u>
6	<u>Number: Addition and subtraction (within 20)</u>	6	Consolidation	6	<u>Number: Multiplication and Division</u>	6	<u>Consolidation</u>		<u>Measurement: Time</u>	6	<u>Geometry: Position and Direction</u>
7	<u>Number: Place value (within 100)</u>	7				7	<u>Assessment</u>			7	<u>Consolidation</u>



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Year 1

Place Value	Addition and Subtraction	Multiplication and Division	Geometry	Measurement
• count up to and back from 100 in ones; • identify and represent two-digit numbers using objects and pictures, and begin to use number lines; • count in steps of twos, fives and tens up to 100; • read and write numbers in numerals to 100; • find the least and the most when comparing numbers; • find numbers that are more, less or equal to numbers up to 100; • find one more and one less than numbers up to 100; • order numbers up to 100; • read and write numbers to twenty in numerals and words; • apply these skills in a range of contexts	• derive some number bonds within 20; • represent number bonds in different ways; • use number bonds in a practical context; • read and write mathematical statements involving the addition, subtraction and equals signs; • count back to subtract; • compare numbers by counting between them; • find gaps in addition number sentences; • find gaps in subtraction sentences where the first number is given; • find gaps in number sentences through a context; • reason about addition and subtraction; • solve addition and subtraction problems	• group objects in twos, fives and tens; • count objects in twos, fives and tens; • count the number of groups they have made; • find how many groups make a given total; • find the total number of objects by counting in groups; • double a number using equipment; • find half of a number using equipment; • use doubling and halving to solve problems; • make a context from an array.	• Recognise and name common 2D and 3D shapes. • Make pictures and patterns with 2D shapes. • Make models with 3D shapes. Recognise 2D and 3D shapes in real life. • Recognise 2D and 3D shapes in different sizes and Orientations Use shapes to solve different types of problems that involve reasoning and problem solving.	• compare lengths and heights, capacities and weights using appropriate vocabulary; • solve simple practical problems about lengths and heights, capacities and weights using appropriate vocabulary; • begin to measure lengths and heights, capacities and weights using standard units; • use a stopwatch to measure a time in seconds; • know the value of coins and notes; • order the days of the week and the months of the year; • use appropriate vocabulary to sequence familiar events in chronological order; • tell the time to the hour and half past the hour, and draw hands on a clock face to show these times.



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Year 2

Place Value	Addition and Subtraction	Multiplication and Division	Geometry	Measurement
count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward recognise the place value of each digit in a two-digit number (10s, identify, represent and estimate numbers using different representations, including the number line compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs read and write numbers to at least 100 in numerals and in words use place value and number facts to solve problems	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 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 and use this to check calculations and solve missing number problems	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 ($\times$), division ($\div$) and equals ($=$) signs 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 .	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 $6 = 3$ and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ 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] compare and sort common 2-D and 3-D shapes and everyday objects order and arrange combinations of mathematical objects in patterns and sequences use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)	choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); 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 $=$ recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value find different combinations of coins that equal the same amounts of money solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change 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