



Maths Long Term Plan – Class 2 / Milestone 1 / KS1 Y1/2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit 1	<p>Number</p> <ul style="list-style-type: none"> Count to and across 100 Count, read and write numbers to 100 Identify one more / less Use the language equal to, more than, Less than, most, least Identify, represent and estimate numbers Read and write numbers in numerals and words Recognise place value Use PV and number facts to solve problems 	<p>Number, Multiply and Divide</p> <ul style="list-style-type: none"> Count on steps of 2, 3, 5 and 10 Solve (simple) $x \div$ problems using mental methods Calculate mathematical statements for $x \div$ within the multiplication tables and write them using $x \div =$ signs Show that multiplication can be done in any order and division of one number by another cannot 	<p>Number</p> <ul style="list-style-type: none"> Count, read and write numbers to 100 Use the language equal to, more than, Less than, most, least Compare and order numbers, use $< > =$ Identify, represent and estimate numbers Read and write numbers in numerals and words Recognise place value Use PV and number facts to solve problems 	<p>Measures - length / height</p> <ul style="list-style-type: none"> Use standard units to estimate and measure length / height (m/cm) to the nearest unit Measure and begin to record length and height Compare describe and solve practical problems for lengths and heights Compare and order lengths and record results using $> < =$ 	<p>Number</p> <ul style="list-style-type: none"> Count, read and write numbers to 100 Identify, represent and estimate numbers Read and write numbers in numerals and words Recognise place value Use PV and number facts to solve problems 	<p>Measures - length / height</p> <ul style="list-style-type: none"> Use standard units to estimate and measure length / height (m/cm) to the nearest unit Measure and record length and height (chose measuring equipment and measure independently) Compare describe and solve practical problems for lengths and heights Compare and order lengths and record results using $> < =$
Unit 2	<p>Add and Subtract</p> <ul style="list-style-type: none"> Represent and use number bonds to 20 HAP +/- facts to 100 Add / subtract numbers using concrete objects, pictorial representations and mentally: 2d +/- 1d 2d +/- tens Show that + can be done in any order and - cannot Recognise and use the inverse to check calculations and solve missing number problems 	<p>Measures - length / height</p> <ul style="list-style-type: none"> Use standard units to estimate and measure length / height (m/cm) to the nearest unit Measure and begin to record length and height Compare describe and solve (simple) practical problems for lengths and heights 	<p>Measures - Time</p> <ul style="list-style-type: none"> Sequence events in chronological order (link to Chinese New Year) Recognise and use language relating to days, dates, weeks, months and years Tell the time to the hour and half past the hour Compare, describe and solve practical problems for time Measure and begin to record time 	<p>Measures – mass/weight</p> <ul style="list-style-type: none"> Use standard units to estimate and measure mass (kg/g) to the nearest unit Measure and begin to record mass / weight Compare describe and solve practical problems for mass and weight Compare and order mass and record results using $> < =$ 	<p>Add and Subtract, Algebra</p> <ul style="list-style-type: none"> Add / subtract numbers using concrete objects, pictorial representations and mentally: 2d +/- 1d 2d +/- tens Show that + can be done in any order and – cannot Recognise and use the inverse to check calculations and solve missing number problems Solve one step problems using concrete objects, pictorial representations and + - = signs. Solve +/- problems involving missing numbers 	<p>Measures – mass/weight</p> <ul style="list-style-type: none"> Use standard units to estimate and measure mass (kg/g) to the nearest unit Measure and begin to record mass / weight (chose measuring equipment and measure independently) Compare describe and solve practical problems for mass and weight Compare and order mass and record results using $> < =$

Each unit is equal to one weeks work (5 hours Maths) - Units are usually taught in the given order however they are interchangeable within a term depending on the number of weeks set for each half-term and also where a class is shared between two teachers.



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<p>Unit 3</p>	<p>Add and Subtract</p> <ul style="list-style-type: none"> • Represent and use number bonds to 20 HAP +/- facts to 100 • Add / subtract numbers using concrete objects, pictorial representations and mentally: 2d +/- 2d + three 1d number • Show that + can be done in any order and - cannot • Recognise and use the inverse to check calculations and solve missing number problems 	<p>Measures – mass / weight</p> <ul style="list-style-type: none"> • Use standard units to estimate and measure mass (kg/g) to the nearest unit • Measure and begin to record mass / weight • Compare describe and solve (simple) practical problems for mass and weight 	<p>Add and Subtract, Algebra</p> <ul style="list-style-type: none"> • Represent and use number bonds to 20 • Recall and use +/- facts to 20 fluently HAP +/- facts to 100 • Add / subtract numbers using concrete objects, pictorial representations and mentally: 2d +/- 1d 2d +/- tens • Show that + can be done in any order and - cannot • Recognise and use the inverse to check calculations and solve missing number problems • Solve one step problems using concrete objects, pictorial representations and + - = signs. • Solve +/- problems involving missing numbers 	<p>Measures – capacity / volume</p> <ul style="list-style-type: none"> • Use standard units to estimate and measure temperature (°C) and capacity (l / ml) to the nearest unit • Measure and begin to record capacity and volume • Compare describe and solve practical problems for capacity and volume • Compare and order capacity and volume, and record results using > < = 	<p>Add and subtract</p> <ul style="list-style-type: none"> • Add / subtract numbers using concrete objects, pictorial representations and mentally: 2d +/- 2d + three 1d number • Show that + can be done in any order and – cannot • Recognise and use the inverse to check calculations and solve missing number problems • Solve one step problems using concrete objects, pictorial representations and + - = signs. 	<p>Measures – capacity / volume</p> <ul style="list-style-type: none"> • Use standard units to estimate and measure temperature (°C) and capacity (l / ml) to the nearest unit • Measure and begin to record capacity and volume (chose measuring equipment and measure independently) • Compare describe and solve practical problems for capacity and volume • Compare and order capacity and volume, and record results using > < =
<p>Unit 4</p>	<p>• Add and Subtract, Algebra Solve one step problems using concrete objects, pictorial representations and + - = signs.</p> <ul style="list-style-type: none"> • Solve +/- problems involving missing numbers 	<p>Measures – capacity / volume & temperature</p> <ul style="list-style-type: none"> • Use standard units to estimate and measure temperature (°C) and capacity (l / ml) to the nearest unit • Measure and begin to record capacity and volume • Compare describe and solve (simple) practical problems for capacity and volume 	<p>Add and Subtract</p> <ul style="list-style-type: none"> • Add / subtract numbers using concrete objects, pictorial representations and mentally: 2d +/- 2d + three 1d number • Show that + can be done in any order and – cannot • Recognise and use the inverse to check calculations and solve missing number problems • Solve one step problems using concrete objects, pictorial representations and + - = signs. 	<p>Shape 2D</p> <ul style="list-style-type: none"> • Recognise and name common 2D shapes • Identify and describe properties of 2D shapes (including symmetry) • Compare and sort 2D shapes and everyday objects (link to statistics using Venn & Carroll diagram) 	<p>Fractions</p> <ul style="list-style-type: none"> • Recognise, find and name a half of an object, shape, quantity • Recognise, find and name a quarter of an object, shape, quantity • Recognise, find, name and write fractions $\frac{1}{3}$ $\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ of a length, shape, set of objects or quantity. • Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ • Write simple fractions when solving problems 	<p>2D and 3D shape</p> <ul style="list-style-type: none"> • Identify and describe properties of 2D shapes (including symmetry) • Compare and sort 2D and 3D shapes and everyday objects HAP - using more than one criterion and independently • Identify and describe properties of 3D shapes (edges, vertices, faces)

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Unit 5	Measures – Time <ul style="list-style-type: none"> Recognise and use language relating to days, dates, weeks, months and years Tell the time to the hour and half past the hour Compare, describe and solve practical problems for time Measure and begin to record time 	Statistics <ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer a simple question by counting the number of objects in each category and sort the categories by quantity Ask and answer questions about totalling and comparing data 	Multiply and Divide <ul style="list-style-type: none"> Calculate mathematical statements for $x \div$ within the multiplication tables and write them using $x \div =$ signs Show that multiplication can be done in any order and division of one number by another cannot Use known multiplication facts to check accuracy of calculations Solve $x \div$ problems using mental methods. 	Shape 3D <ul style="list-style-type: none"> Recognise and name common 3D shapes Identify and describe properties of 3D shapes (edges, vertices, faces) Compare and sort 3D shapes and everyday objects (link to statistics using Venn & Carroll diagram) Identify 2D shapes on the surface of 3D shapes 	Multiply and Divide <ul style="list-style-type: none"> Calculate mathematical statements for $x \div$ within the multiplication tables and write them using $x \div =$ signs Show that multiplication can be done in any order and division of one number by another cannot Use known multiplication facts to check accuracy of calculations Solve $x \div$ problems using mental methods 	Measures – Time <ul style="list-style-type: none"> Compare, describe and solve practical problems for time Measure and begin to record time Sequence events in chronological order Tell the time to the hour and half past the hour (link to Sports Day practise)
Unit 6	Measures – Money <ul style="list-style-type: none"> Recognise and know the value of different coins and notes Recognise and use symbols for pounds and pence, combine amounts to make a value Find different combinations of coins that equal the same amount of money Solve simple money problems, +/- money of the same unit, giving change. 	Fractions <ul style="list-style-type: none"> Recognise, find and name a half of an object, shape, quantity Recognise, find and name a quarter of an object, shape, quantity Recognise, find, name and write fractions $\frac{1}{3}$ $\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ of a length, shape, set of objects or quantity. Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ Write simple fractions when solving problems 	Multiply and Divide <ul style="list-style-type: none"> Recall and use $x \div$ facts for the 2, 5, 10 multiplication tables Use $x \div$ facts to solve problems Solve one step $x \div$ problems Recognise odd and even numbers 	Position, Direction, Movement <ul style="list-style-type: none"> Describe position, direction and movement (whole, half, quarter turn) Order and arrange combinations of mathematical objects in patterns and sequences Use mathematical vocabulary to describe position, direction, movement (straight line, rotation, turn, right angle, quarter/half/ three quarter turn, clockwise, anticlockwise) 	Multiply and Divide <ul style="list-style-type: none"> Recall and use $x \div$ facts for the 2, 5, 10 multiplication tables Use $x \div$ facts to solve problems Solve one step $x \div$ problems Recognise odd and even numbers 	Measures – Money <ul style="list-style-type: none"> Recognise and know the value of different coins and notes Recognise and use symbols for pounds and pence, combine amounts to make a value Find different combinations of coins that equal the same amount of money Solve simple money problems, +/- money of the same unit, giving change.
		ASSESSMENTS		ASSESSMENTS		ASSESSMENTS

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