

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	 Number 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 	 Number, Multiply and Divide Count on steps of 2, 3, 5 and 10 Solve (simple) x / ÷ problems using mental methods Calculate mathematical statements for x / ÷ within the multiplication tables and write them using x ÷ = signs Show that multiplication can be done in any order and division of one number 	 Number 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 	 Measures - length / height 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 > < = 	 Number 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 	 Measures - length / height 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	 Add and Subtract 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 	Measures - length / height 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	 Measures - Time 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 	 Measures – mass/weight 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 > < = 	 Add and Subtract, Algebra 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 	 Measures – mass/weight 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.



Unit 3	Add and Subtract	Measures – mass /	Add and Subtract, Algebra	Measures – capacity /	Add and subtract	Measures – capacity /
	 Represent and use number 	weight	 Represent and use number 	volume	 Add / subtract numbers using 	volume
	bonds to 20 HAP +/- facts to	 Use standard units to 	bonds to 20	 Use standard units to 	concrete objects, pictorial	 Use standard units to
	100	estimate and measure	• Recall and use +/- facts to 20	estimate and measure	representations and mentally:	estimate and measure
	 Add / subtract numbers using 	mass (kg/g) to the nearest	fluently	temperature (°C) and	2d +/- 2d	temperature (°C) and
	concrete objects, pictorial	unit	HAP +/- facts to 100	capacity (I / mI) to the	+ tillee 10 humber	capacity (I / mI) to the
	mentally:	• Measure and begin to	 Add / subtract numbers using concrete objects, nictorial 	Moasure and bogin to	• Show that + can be done in any order and – cannot	Measure and begin to
	2d +/- 2d	Compare describe and	representations and mentally:	 Measure and begin to record capacity and 	Becognise and use the inverse	 Measure and begin to record capacity and
	+ three 1d number	solve (simple) practical	2d +/- 1d	volume	to check calculations and solve	volume (chose measuring
	 Show that + can be done in 	problems for mass and	2d +/- tens	 Compare describe and 	missing number problems	equipment and measure
	any order and - cannot	weight	• Show that + can be done in any	solve practical problems	 Solve one step problems using 	independently)
	 Recognise and use the 		order and - cannot	for capacity and volume	concrete objects, pictorial	 Compare describe and
	inverse to check calculations		 Recognise and use the inverse 	 Compare and order 	representations and + - = signs.	solve practical problems
	and solve missing number		to check calculations and solve	capacity and volume, and		for capacity and volume
	problems		missing number problems	record results using > < =		Compare and order
			 Solve one step problems using concrete objects, nictorial 			capacity and volume, and record results using $> < -$
			representations and $+ - =$ signs.			
			• Solve +/- problems involving			
			missing numbers			
Unit 4	 Add and Subtract, 	Measures – capacity /	Add and Subtract	Shape 2D	Fractions	2D and 3D shape
	Algebra	volume & temperature	 Add / subtract numbers using 	 Recognise and name 	 Recognise, find and name a 	 Identify and describe
	Solve one step problems	 Use standard units to 	concrete objects, pictorial	common 2D shapes	half of an object, shape,	properties of 2D shapes
	using concrete objects,	estimate and measure	representations and mentally:	 Identify and describe 	quantity	(including symmetry)
	pictorial representations and	temperature (°C) and	20 +/- 20	properties of 2D shapes	Recognise, find and name a	Compare and sort 2D and Compare and eventeevel
	+ - = Signs.	capacity (1/mi) to the	 Show that + can be done in any 	Compare and sort 2D	quantity	objects
	 solve +/- problems involving missing numbers 	Measure and begin to	order and – cannot	shapes and everyday	 Recognise, find, name and 	HAP - using more than one
		record capacity and	 Recognise and use the inverse 	objects	write fractions 1/3 ¼ 2/4 ¾ of a	criterion and
		volume	to check calculations and solve	(link to statistics using	length, shape, set of objects or	independently
		 Compare describe and 	missing number problems	Venn & Carroll diagram)	quantity.	 Identify and describe
		solve (simple) practical	 Solve one step problems using 		Recognise the equivalence of	properties of 3D shapes
		problems for capacity and	concrete objects, pictorial		2/4 and ½	(edges, vertices, faces)
		volume	representations and + - = signs.		Write simple fractions when solving problems	
					solving problems	

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Unit 5	Measures – Time	Statistics	Multiply and Divide	Shape 3D	Multiply and Divide	Measures – Time
	 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 	 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 	 Calculate mathematical statements for x / ÷ within the multiplication tables and write them using x ÷ = 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 / ÷ problems using mental methods. 	 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 	 Calculate mathematical statements for x / ÷ within the multiplication tables and write them using x ÷ = 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 / ÷ problems using mental methods 	 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 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 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 1/3 ¼ 2/4 ¾ of a length, shape, set of objects or quantity. Recognise the equivalence of 2/4 and ½ Write simple fractions when solving problems 	 Multiply and Divide Recall and use x ÷ facts for the 2, 5, 10 multiplication tables Use x ÷ facts to solve problems Solve one step x ÷ problems Recognise odd and even numbers 	 Position, Direction, Movement 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 Recall and use x ÷ facts for the 2, 5, 10 multiplication tables Use x ÷ facts to solve problems Solve one step x ÷ problems Recognise odd and even numbers 	 Measures – Money 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