Year 2 Maths Curriculum

PLACE VALUE	CALCULATIONS	FRACTIONS, DECIMALS and PERCENTAGES	MEASUREMENT	GEOMETRY	STATISTICS
count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward	recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	recognise, find, name and write fractions $^{1}/_{3}$, $^{1}/_{4}$, $^{2}/_{4}$ and $^{3}/_{4}$ of a length, shape, set of objects or quantity	compare and order lengths, mass, volume/capacity and record the results using >, < and =	identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	
compare and order numbers from 0 up to 100; use <, > and = signs	add and subtract numbers using concrete objects, pictorial representations, and mentally, including:	write simple fractions e.g. $^{1}/_{2}$ of 6 = 3 and recognise the equivalence of $^{2}/_{4}$ and $^{1}/_{2}$.	choose and use appropriate standard units to estimate and measure **length/height** in any direction (m/cm) using rulers	identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces	interpret and construct:
	• a two-digit number and ones				• simple pictograms
	• a two-digit number and tens				• simple tables
	• two two-digit numbers adding three one-digit numbers				• block diagrams
					• tally charts
identify, represent and estimate numbers using different representations, including the number line	show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot		choose and use appropriate standard units to estimate and measure **mass** (kg/g) using scales	identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]	ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
read and write numbers to at least 100 in numerals and in words	recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems		choose and use appropriate standard units to estimate and measure **temperature** (°C) using thermometers	compare and sort common 2-D and 3-D shapes and everyday objects	

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recognise the place value of each digit in a two-digit number (tens, ones)	solve problems with addition and subtraction: * using concrete objects and pictorial, including numbers, quantities and measures		choose and use appropriate standard units to estimate and measure **capacity** (litres/ml) to the nearest appropriate unit, using measuring vessels	describe rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)	
use place value and number facts to solve problems	count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward		recognise and use symbols for pounds **(£) and pence (p)**; combine amounts to make a particular value	use mathematical vocabulary to describe position, direction and movement	
recognise odd and even numbers	recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables		find different combinations of coins that equal the same amounts of money	order and arrange combinations of mathematical objects in patterns and sequences	
	show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot		**solve simple problems** in a practical context involving addition and subtraction of money of the same unit, including giving change		
	calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs		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		
	solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts		know the number of minutes in an hour and the number of hours in a day compare and sequence intervals of time		