

St John Baptist School Maths Ladder Year 2

Times Tables	Addition	Subtraction	Problem solving
2) I can count in 3s from zero. 0 3 6 9 12 etc...	5) I can add in tens and ones.	6) I can use objects or pictures to subtract numbers up to 100.	4) I can solve missing number problems for addition and subtraction (inverse) with numbers up to 20 e.g. $\square + 12 = 20$ $20 = \square + 12$
3) * I can remember and use multiplication facts for 2, 5 and 10 times tables.	6) * I can partition a number to add using number bonds to 10. e.g. $8 + 7$ is $8 + 2 + 5$	7) I can subtract using partitioning on a number line for numbers up to 100.	5) * I can solve simple word problems involving addition and subtraction with numbers up to 100.
	7) I can recall and use addition facts to 20 and derive and use related fact to 100.	8) I can estimate and use addition facts to check my calculation.	6) * I can solve multiplication and division problems using pictures and diagrams.
	8) I can add 3 one digit numbers.	9) I can use related facts to subtract multiples of 10 and 100 e.g. $6 - 4 = 2$ $60 - 40 = 20$	7) * I can use place value and number facts to help me solve problems.
4) * I can remember and use division facts for 2, 5 and 10 times tables.	9) I can add 10 or 100 to any number and can add in multiples of 10.	Place Value	8) * I can solve simple money problems involving addition and find the change (£ or pence).
	10) I can do addition in any order.	8). * I can understand the value of each digit in a 2 digit number.	Measures
Multiplication	11) I can partition 2 numbers and add without crossing into the next 10.	9) * I can compare and order numbers from 0 up to 100 using > < and = signs.	5)* I can measure using appropriate equipment e.g ruler, weighing scales, measuring jug.
3) I can multiply using objects, pictorial representations (using arrays) and repeated addition.	Fractions	10) * I can count in tens from any number including crossing boundaries into hundreds.	6)* I can choose the appropriate units of measurements for length (cm/m), mass (g/kg) and capacity (ml/l).
4) *I know that multiplication can be done in any order (commutative / reversible like addition).	3) * I can recognise, find, name and write fractions $1/3$ $1/4$ $1/2$ and $2/4$ of a length, shape, set of objects or quantity.	11) I can count in 5s and 10s forward and back from numbers 1 to 100.	7) * I can recognise and use symbols for £ and p.
5) I can write calculations using the multiplication (x) and equal (=) signs.		Time	8) I can combine amounts to make a particular value e.g. make 3p using a 2p and a 1p.
	4) I can recognise simple equivalent fractions of 1/2 e.g. $2/4$, $4/8$, $3/6$.	5) * I know how many hours there are in a day and how many minutes in an hour.	9) * I can find different combinations of coins that equal the same amounts.

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Division	Fractions (continued...)	Time (continued...)	Measures (continued...)
2) I can divide using concrete objects, pictorial representations (using arrays or Singapore method) and repeated subtraction.	5) I can count in halves and quarters up to 10 recognising that fractions are numbers between whole numbers, using an unstructured number line and chanting as a class.	6) I can compare and sequence intervals of time.	10) * I can compare and order measures using the signs < > and =
3) I can recall division facts for the 2, 5 and 10 times tables.	Position & Direction	7) *I can read and write the time on an analogue clock for quarter past and quarter to.	
4) * I know that division of one number by another cannot be done in any order (non-commutative or non-reversible).	2) I can distinguish between rotation as a turn and in terms of right angles for quarter, half and three quarter turns.	8) I can tell and write the time to 5 minutes and draw the hands on a clock face to show these times.	
Shape	3) * I can use mathematical vocabulary to describe position, direction and movement including movement in a straight line.	Statistics	
3) * I can compare and sort common 2D and 3D shapes and everyday objects.	4) I can order and arrange combinations of mathematical objects in patterns and sequences.	1) * I can answer questions by comparing information in simple bar charts e.g. Which has the most? How much altogether?	
4) I can identify 2D shapes on the surface of 3D shapes e.g. a circle on a cylinder.			
5) I can identify, describe and sort 3D shapes by talking about the number of faces, edges and vertices.		2) I can interpret and construct simple pictograms and block diagrams.	
6) I can identify, describe and sort 2D shapes by naming them, talking about the number of sides and showing a vertical line of symmetry.		3) I can interpret and construct simple tally charts and tables.	
		4) * I can answer simple questions about quantities from looking at pictograms and block charts (scale of 1 or 2)	
		5) I can answer simple questions about quantities from looking tally charts and simple tables.	