

Academy: St Nicholas C of E Long Term Map - Year 2 Maths (2022/2023)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
Autumn	Number: Place Value				Number: Addition and Subtraction			<i>Half Term</i>	Number: Addition and Subtraction	Geometry: Shape			Consolidation	End of term	
Spring	Measure: Money	Number: Multiplication and Division					<i>Half Term</i>	Number: M and D	Measure: Length and Height	Mass, Capacity and Temperature			<i>End of term Easter Holiday</i>	<i>End of term Easter Holiday</i>	
Summer	Fractions			Measure: Time			<i>Half term</i>	Statistics		Geometry: Position and Direction	Consolidation			<i>End of term Summer Holiday</i>	

Number and Place Value	AU	SP	SU	Measures	AU	SP	SU
Count in steps of 2, 3, and 5 from 0, and in tens from any n umber, forward and backward				Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels			
Recognise the each place value of digit in a two-digit number (tens, ones)				Compare and order lengths, mass, volume/capacity and record the results using >, < and =			
Identify, represent and estimate numbers using different representations, including the number line				Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value			
Compare and order numbers from 0 up to 100; use <, > and = signs				Find different combinations of coins that equal the same amounts of money			
Read and write numbers to at least 100 in numerals and in words				Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change			
Use place value and number facts to solve problems				Compare and sequence intervals of time			
Addition and Subtraction				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 with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures				Know the number of minutes in an hour and the number of hours in a day.			
Solve problems with addition and subtraction applying increasing knowledge of mental and written methods				Properties of Shape			
Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100				Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line			
Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers				Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces			
Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot				Identify 2-D shapes on the surface of 3-D shapes [for example, a circle on a cylinder and a triangle on a pyramid]			
Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.				Compare and sort common 2-D and 3-D shapes and everyday objects.			
Multiplication and Division				Position and Direction			
Recall and use multiplication & division facts for the 2, 5, 10 tables, including recognising odd and even numbers				Order and arrange combinations of mathematical objects in patterns and sequences			
Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs				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).			
Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot				Statistics			
Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.				Interpret and construct simple pictograms, tally charts, block diagrams and simple tables			
Fractions				Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity			
Recognise, find, name and write fractions, one third, one quarter, two quarters and three quarters of a length, shape, set of objects or quantity				Ask and answer questions about totalling and comparing categorical data.			
Write simple fractions for example, one half of 6 = 3 and recognise the equivalence of two quarters and one half.							

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