

Maths Assessment Grid : National Curriculum Objectives : Year 2

Group: <input type="text"/>		Year: <input type="text"/>																	
Year 2																			
Number - number and place value	Count forwards in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.	Autumn																	
		Spring																	
		Summer																	
	Recognise the place value of each digit in a two-digit number (tens, ones).	Autumn																	
		Spring																	
		Summer																	
	Identify, represent and estimate numbers using different representations, including the number line.	Autumn																	
		Spring																	
		Summer																	
	Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs.	Autumn																	
		Spring																	
		Summer																	
	Read and write numbers to at least 100 in numerals and in words.	Autumn																	
		Spring																	
		Summer																	
	Use place value and number facts to solve problems.	Autumn																	
		Spring																	
		Summer																	

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Group: <input type="text"/>		Year: <input type="text"/>																			
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Number - addition and subtraction	Solve problems with addition and subtraction: <ul style="list-style-type: none"> Using concrete objects and pictorial representations (number/quantity/measure) Applying their increasing knowledge of mental and written methods 	Autumn																			
		Spring																			
		Summer																			
	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.	Autumn																			
		Spring																			
		Summer																			
	Add and subtract numbers using concrete objects, pictorial representations and mentally: <ul style="list-style-type: none"> two-digit number and ones / tens two two-digit numbers adding three one-digit numbers 	Autumn																			
		Spring																			
		Summer																			
	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.	Autumn																			
		Spring																			
		Summer																			
	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	Autumn																			
		Spring																			
		Summer																			

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Number - multiplication and division	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.	Autumn																		
		Spring																		
		Summer																		
	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs.	Autumn																		
		Spring																		
		Summer																		
	Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.	Autumn																		
		Spring																		
		Summer																		
	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.	Autumn																		
		Spring																		
		Summer																		

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Number - fractions	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{1}{3}$ of a length, shape, set of objects or quantity.	Autumn																	
		Spring																	
		Summer																	
	Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.	Autumn																	
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		Summer																	

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Measurement (1 of 2)	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.	Autumn																		
		Spring																		
		Summer																		
	Compare and order lengths, mass, volume/ capacity and record the results using $>$, $<$ and $=$.	Autumn																		
		Spring																		
		Summer																		
	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.	Autumn																		
		Spring																		
		Summer																		
	Find different combinations of coins that equal the same amounts of money.	Autumn																		
		Spring																		
		Summer																		

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Measurement (2 of 2)	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.	Autumn																	
		Spring																	
		Summer																	
	Compare and sequence intervals of time.	Autumn																	
		Spring																	
		Summer																	
	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.	Autumn																	
		Spring																	
		Summer																	
	Know the number of minutes in an hour and the number of hours in a day.	Autumn																	
		Spring																	
		Summer																	

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Geometry - properties of shapes	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.	Autumn																	
		Spring																	
		Summer																	
	Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.	Autumn																	
		Spring																	
		Summer																	
	Identify 2-D shapes on the surface of 3-D shapes [for example, a circle on a cylinder and a triangle on a pyramid].	Autumn																	
		Spring																	
		Summer																	
	Compare and sort common 2-D and 3-D shapes and everyday objects.	Autumn																	
		Spring																	
		Summer																	

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Geometry - position and direction	Order and arrange combinations of mathematical objects in patterns and sequences.	Autumn																
		Spring																
		Summer																
	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).	Autumn																
		Spring																
		Summer																

Statistics	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.	Autumn															
		Spring															
		Summer															
	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.	Autumn															
		Spring															
		Summer															
	Ask and answer questions about totalling and comparing categorical data.	Autumn															
		Spring															
		Summer															