

Year 2 – White Rose order of National Curriculum Progression

		National Curriculum Progression Statements	Ready to Progress Statements
Term 1 / 2	Number: Place Value	I can read and write numbers to at least 100 in numerals and words	2NPV-1 Recognise the place value of each digit in two-digit numbers, and compose and decompose two-digit numbers using standard and non-standard partitioning. Autumn 1
		I can identify, represent and estimate numbers using different representations, including the number line	
		I can recognise the place value of each digit in a two-digit number (tens, ones)	
		I can compare and order numbers from 0 up to 100; use $<$ $>$ and $=$ signs	
		I can use place value and number facts to solve problems	
		I can count in steps of 2, 3, and 5 from 0, and in tens forward and backward	
	Number: Addition and Subtraction	I can recall and use addition and subtraction facts to 20 and derive related facts up to 100	2NF-1 Secure fluency in addition and subtraction facts within 10, through continued practice. Autumn 2
		I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including: <ul style="list-style-type: none"> $>$ a two-digit number and ones $>$ a two digit number and tens $>$ two two-digit numbers $>$ adding three one-digit numbers 	
		I can show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	
		I can solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods	
Geometry: Properties of Shape	I can recognise and use the inverse relationship between addition and subtraction to solve missing number problems	2AS-1 Add and subtract across 10 Autumn 2	
	I can identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	2AS-2 Recognise the subtraction structure of 'difference' and answer questions of the form, "How many more...?" Spring 1	
	I can recognise and name common 3-D shapes, for example, cuboids (including cubes), pyramids and spheres		
	I can identify 2-D shapes on the surface of 3-D shapes, for example, a circle on a cylinder and a triangle on a pyramid		
	I can compare & sort common 2-D shapes and everyday objects		
I can compare & sort common 3-D shapes and everyday objects			
Term 3 / 4	Measurement: Money	I can recognise and use symbols for pounds (£) and pence (p); combine amounts of money to make a particular value	2AS-3 Add and subtract within 100 by applying related one-digit addition and subtraction facts: add and subtract only ones or only tens to/from a two-digit number. Autumn 2
		I can find different combinations of coins that equal the same amount of money	
		I can solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	
	Number: Multiplication and Division	I can recall multiplication and division facts for the 2, 5 and 10 multiplication tables, and use them to solve simple problems including recognising odd and even numbers	Spring 1 and 3
		I can calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs	2MD-1 Recognise repeated addition contexts, representing them with multiplication equations and calculating the product, within the 2, 5 and 10 multiplication tables. Spring 2 and 4 Summer 2
		I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	2MD-2 Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor, and to division equations (quotitive division). Spring 2
		I can show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	2G-1 Recognise common 2D and 3D shapes presented in different orientations, and know that rectangles, triangles, cuboids and pyramids are not always similar to one another Autumn 3
	Measurement: Length and Height	I can choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) to the nearest appropriate unit, using rulers, scales, and measuring vessels	
		I can compare and order measurements and record the results using $<$ $>$ and $=$	
	Measurement: Mass, Capacity and Temperature	I can choose and use appropriate standard units to estimate and measure mass (kg/g); temperature ($^{\circ}$ C); capacity (litres/ml) to the nearest appropriate unit, using scales, thermometers and measuring vessels	
I can compare and order measurements and record the results using $<$ $>$ and $=$			

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Term 35/6	Number: Fractions	I can recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	
		I can write simple fractions for example, $\frac{1}{2}$ of 6 = 3	
		I can recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$	
	Measurement: Time	I can 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	
		I can know the number of minutes in an hour and the number of hours in a day	
		I can compare and sequence intervals of time	
	Statistics	I can interpret and construct simple pictograms, tally charts, block diagrams and simple tables	
		I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	
		I can ask and answer questions about totalling and comparing categorical data	
	Geometry: Position and Direction	I can use mathematical vocabulary to describe 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)	
		I can order and arrange combinations of mathematical objects in patterns and sequences	