

<u>Spring Term Year 2</u>	<u>Place Value</u>	<u>Addition and Subtraction</u>	<u>Multiplication and Division</u>	<u>Fractions</u>	<u>Measurements</u>	<u>Properties of Shapes</u>	<u>Statistics</u>
WRM Small Steps	<ul style="list-style-type: none"> Recall tens and one. 	<ul style="list-style-type: none"> Compare number sentences. Add two 2-digit numbers - not crossing ten - add ones and add tens. Add two 2-digit numbers - crossing ten - add ones and add tens. Add three 1-digit numbers. 	<ul style="list-style-type: none"> Make equal groups - sharing. Make equal groups - grouping. Divide by 2. Odd and even numbers. Divide by 5. Divide by 10. 	<ul style="list-style-type: none"> Recognise a third. Find a third. Unit fractions. NonUnit fractions. Equivalence of $\frac{1}{2}$ and $\frac{2}{4}$. 	<ul style="list-style-type: none"> Count money - pence. Count money - pounds (notes and coins). Count money - notes and coins. Select money. Make the same amount. Compare money. Find the total. Find the difference. Find change. Two-step problems. O'clock and half past. Quarter past and quarter to. 	<ul style="list-style-type: none"> Recognise 2D and 3D shapes. Count sides on 2D shapes. Count vertices on 2D shapes. Draw 2D shapes. Lines of symmetry. Sort 2D shapes. Make patterns with 2D shapes. Count faces on 3D shapes. Count edges on 3D shapes. Count vertices on 3D shapes. Sort 3D shapes. Make patterns with 3D shapes. 	<ul style="list-style-type: none"> Make tally charts. Draw pictograms (1-1). Interpret pictograms (1-1).
NC Links		<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, 	<ul style="list-style-type: none"> Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including 	<ul style="list-style-type: none"> Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set 	<ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. 	<ul style="list-style-type: none"> Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. Identify and 	<ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, Ask and answer simple questions by counting

		<p>including: a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.</p> <ul style="list-style-type: none"> • 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. 	<p>recognising odd and even numbers.</p> <ul style="list-style-type: none"> • Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs. • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. • Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. 	<p>of objects or quantity.</p> <ul style="list-style-type: none"> • Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$. 	<ul style="list-style-type: none"> • Find different combinations of coins that equal the same amounts of money. • Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. • 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. 	<p>describe the properties of 3-D shapes, including the number of edges, vertices and faces.</p> <ul style="list-style-type: none"> • Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]. • Compare and sort common 2-D and 3-D shapes and everyday objects. 	<p>the number of objects in each category and sorting the categories by quantity. • Ask and answer questions about totaling and comparing categorical data.</p>
TAF Statements	WT	<ul style="list-style-type: none"> • Add and subtract (one digit numbers) explaining their 	N/A	N/A	<ul style="list-style-type: none"> • Know the value of different coins. • Read the time on a clock 	<ul style="list-style-type: none"> • Name some common 2D and 3D shapes from a group of shapes or from pictures of the shapes 	N/A

		<p>method verbally in pictures or using apparatus.</p> <ul style="list-style-type: none"> Recall at least four of the six number bonds for 10 and reason about associated facts. 				and describe some of their properties.	
EXP		<ul style="list-style-type: none"> Recall all the number bonds to and within 10. and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationship 	<ul style="list-style-type: none"> Recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems, demonstrating and understanding of commutativity as necessary. 	<ul style="list-style-type: none"> Identify $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{4}$ of a number or shape and know that all the parts must be equal parts of the whole. 	<ul style="list-style-type: none"> Use different coins to make the same amount. Read the time on a clock to the nearest 15 minutes 	<ul style="list-style-type: none"> Name and describe properties of 2D and 3D shapes, including number of sides, vertices, edges, faces and lines of symmetry. 	<ul style="list-style-type: none"> Read scales in divisions of ones, twos, fives and tens.
GD		<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts. Use reasoning about numbers and relationships to solve more complex problems 	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Describe the similarities and differences of 2D and 3D shapes, using their properties. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Read scales where not all numbers on the scale are given and estimate points in between. Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.

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