

<u>Autumn 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"> Count objects to 100 and read and write numbers in numerals and words. Represent numbers to 100. Tens and ones with a part whole model. Tens and ones using addition. Use a place value chart. Order objects and numbers. Count in 2s, 5s and 10s. Count in 3s 	<ul style="list-style-type: none"> Fact families - Addition and subtraction bonds to 20. Related facts. Bonds to 100 (tens). Add and subtract 1s. 10 more and 10 less. Add and subtract 10s. Add a 2-digit and 1-digit number - crossing ten. Subtract a 1-digit number from a 2-digit number - crossing 10. Bonds to 100 (tens and ones). 	<ul style="list-style-type: none"> Recognise equal groups. Make equal groups. Add equal groups. Multiplication sentences using the x symbol. Multiplication sentences from pictures. Use arrays. 2 times-table. 5 times-table. 10 times-table. 	<ul style="list-style-type: none"> Make equal parts. Recognise half. Find half. Recognise quarter. Find a quarter. Recognise a third. Find a third. Unit fractions. Non unit fractions. 	<ul style="list-style-type: none"> Measure length (cm). Measure length (m). Compare lengths. Order lengths. Count money - pence. Count money - pounds (notes and coins). Count money - notes and coins. Select money. O'clock and half past. Quarter past and quarter to. Minutes in an hour, hours in a day. 	<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. Make patterns with 2D shapes. Count faces on 3D shapes. Count edges on 3D shapes. Count vertices on 3D shapes. 	<ul style="list-style-type: none"> Make tally charts. Draw pictograms (1-1). Draw pictograms (2, 5 and 10). Block diagrams.
NC Links	<ul style="list-style-type: none"> Read and write numbers to at least 100 in numerals and in words. Recognise the place value of each digit in a 	<ul style="list-style-type: none"> Recall and use addition and subtraction facts to 20 fluently, and derive and use 	<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"> Compare and order lengths, mass, volume/capacity and record the 	<ul style="list-style-type: none"> Identify and describe the properties of 2-D shapes, including the number of sides 	<ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams

	<p>two digit number (tens, ones)</p> <ul style="list-style-type: none"> • Identify, represent and estimate numbers using different representations including the number line. • Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward. 	<p>related facts up to 100.</p> <ul style="list-style-type: none"> • Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones. 	<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 ($=$) sign. • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. 	<p>of objects or quantity</p>	<p>results using $>$, $<$ and $=$.</p> <ul style="list-style-type: none"> • Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. • Know the number of minutes in an hour and the number of hours in a day. 	<p>and line symmetry in a vertical line.</p> <ul style="list-style-type: none"> • Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces. 	<p>and simple tables</p>
TT Statements	<ul style="list-style-type: none"> • I can count forward and backwards in jumps of 2, 3 and 5 from 0 and in 10s from any number • I can find the place value of each digit of a number with tens and units 	<ul style="list-style-type: none"> • I can answer simple addition and subtraction questions in my head as well as by writing them down • I can recall all number bonds to 10, use these to 	<ul style="list-style-type: none"> • I can remember and use multiplication and division facts for the 2, 5 and 10 times tables and recognise odd and even numbers • I can answer multiplication and 	<ul style="list-style-type: none"> • I can find, name and write fractions of a length, shape, set of objects or amount, including $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, and $\frac{3}{4}$ 	<ul style="list-style-type: none"> • I can compare amounts using these signs: $>$, $<$ or $=$ • I can use the £ sign and p sign. I can use notes and coins to make a 	<ul style="list-style-type: none"> • I can notice and explain the properties of 2-D shapes e.g. the number of sides and line symmetry • I can notice and explain the properties of 3- 	<ul style="list-style-type: none"> • I can read and draw simple pictograms, tally charts, block diagrams and simple tables

	<ul style="list-style-type: none"> I can find and show numbers using different equipment such as number lines and number squares I can read and write numbers to 100 in numerals I can read and write numbers to 100 in words I can partition two-digit numbers into different combinations of tens and ones using apparatus 	<ul style="list-style-type: none"> work out bonds to 20, and link other related facts I can use addition and subtraction facts to 20 quickly and workout similar facts to 100 I can add and subtract a two digit number and a one digit number mentally and when using objects, number lines and pictures I can add and subtract a two digit number and tens mentally and when using objects, number lines and pictures 	<ul style="list-style-type: none"> division problems within the tables using \times, \div and $=$ I can answer questions involving multiplication and division mentally and with objects 		<ul style="list-style-type: none"> particular amount I can read the time on a clock to the nearest quarter of an hour I can tell you how many minutes are in an hour and how many hours are in a day I can read scales in divisions of ones, twos, fives and tens 	<ul style="list-style-type: none"> D shapes e.g. the number of edges, vertices and faces I can name some 2-D and 3-D shapes in pictures or in a group and know some of their properties 		
TAF Statements	WT	<ul style="list-style-type: none"> Read and write numbers in 	<ul style="list-style-type: none"> Add and subtract (one digit numbers) explaining their method verbally in 	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 	N/A

		<p>numerals up to 100.</p> <ul style="list-style-type: none"> • Partition a two-digit number into tens and ones and demonstrate and understanding of place value, though they may use structured resources to support them 	<p>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 				<p>from pictures of the shapes and describe some of their properties.</p>	
	EXP	<ul style="list-style-type: none"> • Read scales in divisions of ones, twos, fives and tens. • Partition two digit numbers into different combinations of tens and ones, explaining their thinking verbally, in pictures or 	<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 relationships. 	<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"> • 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.

		using apparatus.						
GD	<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. • 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"> • 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 and explain their thinking. 	<ul style="list-style-type: none"> • Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. 	<ul style="list-style-type: none"> • Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. 	<ul style="list-style-type: none"> • Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. 	<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. 	