



Count on from 88. Which are the missing numbers?

85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101				105	106	107	108
109	110	111	112	113	114			117	118	119	120

Show 102, 107, 109 on the number line.

tens	ones
60	7

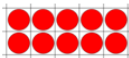
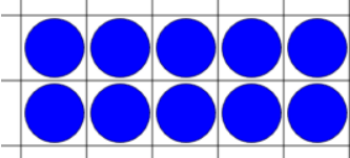
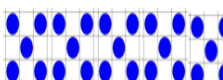




Show 54, 32 and 87 in tens and ones.



Week.	Mathematical aspect	Non-negotiable end points Year 1.	Non-negotiable end points Year 2.	Curriculum statements – Year 1.	Curriculum Statements. Year 2.																																																																																																																																																															
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other facts do I know?</div></div> <div><table><tr><td>18</td><td>23</td></tr><tr><td>27</td><td>22</td></tr></table><div>18 = 9 + 9 18 = 10 + 8 18 – 7 = 11</div><div>Write 3 facts for each number.</div></div>	18	23	27	22	<div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div></div><div>5 + 5 + 0 = 10 0 + 6 + 6 = 12 Convince me that any number doubled + 0 will be the same outcome as doubling.</div><div>How many ways can you show double 3?</div><div><div>Which are doubles and near doubles?</div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div></div></div></div></div>	<div>25 + 25 = 50 <i>double</i> 24 + 25 = 49 <i>near double</i> 28 + 20 = 48 +10,+10</div> <div>25 - 20 = 5 <i>difference</i> 50 - 25 = 25 <i>halving</i> 28 - 12 = 16 - 10, - 6</div> <div>3 + 27 = 30, 27 + 3 = 30 70 – 11 = 70 – 10 - 1</div> <div>Add and subtract</div> <div>10 3 17</div> <div><table><tr><td>17</td><td>41</td><td>50</td></tr><tr><td>31</td><td>34</td><td>15</td></tr></table></div> <div>from each number. Which is the best method for each calculation?</div> <div><table><tr><td>19</td><td>18</td></tr><tr><td>24</td><td>27</td></tr><tr><td>25</td><td>19</td></tr></table><div>Find two numbers that are<ul style="list-style-type: none">• near double• double• close together+ and – these numbers using the best method.</div></div>	17	41	50	31	34	15	19	18	24	27	25	19
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3.	Addition and subtraction: using partitioning and counting on strategies including measures	Knows that addition subtraction are inverse operations. Knows fact families to10 then 20.	Knows the properties of place value. Uses number knowledge to add and subtract.	<ul style="list-style-type: none">• To read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs;• To represent and use number bonds and related subtraction facts within 20; (<i>from Year 2</i>)• To add and subtract one-digit and two-digit numbers to 20, including zero;	<ul style="list-style-type: none">• To recognise the place value of each digit in a 2-digit number (tens, ones).• To use place value and number facts to solve problems.• Applying their increasing knowledge of mental and written methods.• To show that addition can be done in any order (commutative) and subtraction cannot.• To recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems.																																																																																																																																																															
	<div><div><div><div><div>Positional</div><div>The 2 is worth 20 in 24</div><div><table><tr><td>10</td><td>20</td><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td><td>90</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr></table></div><div>24</div></div></div><div><div><div>Multiplicative</div><div>2 x 10 4 x 1</div><div><table><tr><td>10</td><td>20</td><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td><td>90</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr></table></div><div>24</div></div></div><div><div><div>Additive</div><div>20 + 4 = 24</div><div><table><tr><td>20</td><td>3</td><td>17</td></tr></table></div></div><div><div><div>Base 10</div><div>Two tens and 4 ones</div><div><table><tr><td>20</td><td>3</td><td>17</td></tr></table></div></div><div><div>9 = 9 9 = 8 + 1 9 = 7 + 2 8 + 1 = 7 + 2</div><div><div>10 = 10 10 = 8 + 2 10 = 6 + 4 8 + 2 = 6 + 4</div></div></div></div><div><div>Additive and base ten properties</div><div><table><tr><td>10</td><td>20</td><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td><td>90</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr></table><div>36</div></div></div></div></div></div>	10	20	30	40	50	60	70	80	90	1	2	3	4	5	6	7	8	9	10	20	30	40	50	60	70	80	90	1	2	3	4	5	6	7	8	9	20	3	17	20	3	17	10	20	30	40	50	60	70	80	90	1	2	3	4	5	6	7	8	9	<div><div><div>Better, best</div><div>16 + 3 = 16 + 1 + 1 + 1 16 + 3 = 10 + 6 + 3 8 + 7 = 8 + 2 + 5 8 + 7 = 8 + 8 - 1</div></div><div><div>Odd one out</div><div>5 + 7 = 9 + 10 = 13 + 7 =</div><div>Use the cards to make two correct number sentences:</div><div><table><tr><td>9</td><td></td><td>4</td><td></td><td>5</td></tr><tr><td>9</td><td></td><td>4</td><td></td><td>5</td></tr><tr><td>+</td><td>-</td><td>=</td><td>=</td><td></td></tr></table></div><div><div>Add the dominoes. Which is the best method?</div><div><table><tr><td>9</td><td>6</td><td>3</td><td>6</td><td>3</td><td>9</td></tr><tr><td>6</td><td>3</td><td>9</td><td>6</td><td>3</td><td>9</td></tr></table></div></div></div></div>	9		4		5	9		4		5	+	-	=	=		9	6	3	6	3	9	6	3	9	6	3	9	<div><div><div>36 + 21 = 30 + 20 = 50 6 + 1 = 7 36 + 21 =57</div><div>Add 42 + 16 31 + 18</div></div><div><div><div>36 - 21 = 30 -20 = 10 6 - 1 = 5 36 -21 =15</div><div>Subtract 46 – 12 38 - 11</div></div><div><table><tr><td>18</td><td>23</td></tr><tr><td>27</td><td>22</td></tr></table><div>Use the partitioning method, add and subtract with these numbers.</div></div></div></div>	18	23	27	22																																																																						
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4.	Multiplication and division: repeated addition, arrays, grouping and using times tables facts	Knows how to make connections between arrays, number patterns, and counting in twos, fives and tens.	Knows the operations of multiplication (repeated addition) and division (equal groups of).	<ul style="list-style-type: none">• To solve one-step problems involving multiplication and division, calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.	<ul style="list-style-type: none">• To recall and use multiplication and division facts for the 2,5 and 10 multiplication tables, including recognising odd and even numbers.• To calculate mathematical statements for multiplication and division within the multiplication tables and write them using multiplication, division and equals signs.																																																																																																																																																															

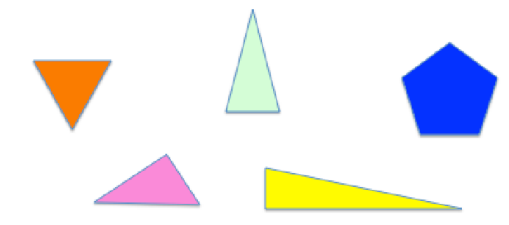
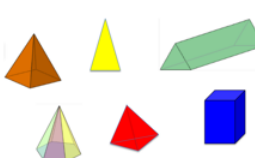
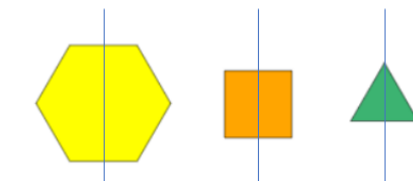
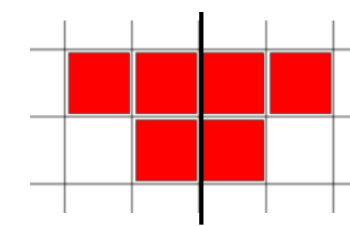
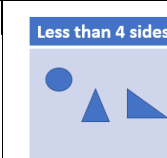
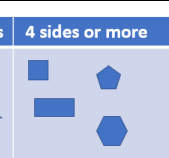
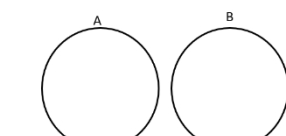

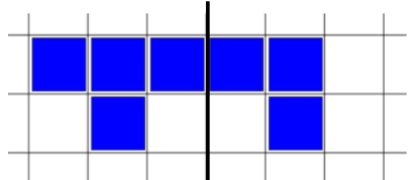

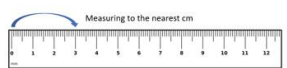









WRPS Maths Medium Term Planning: Spring Term Year 1 Year 2

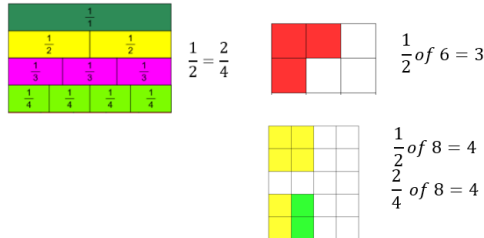
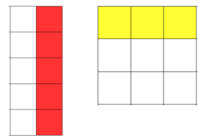
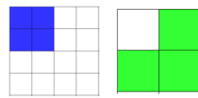
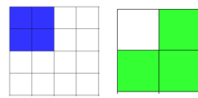
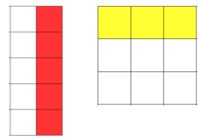
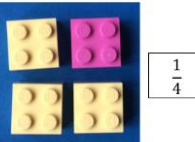
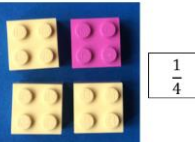
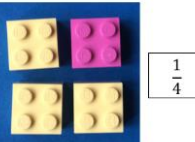
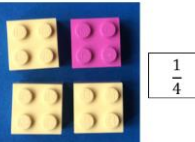
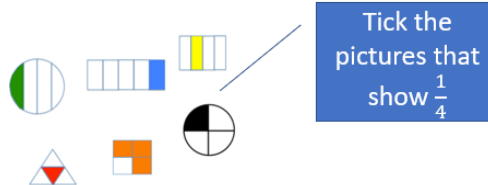
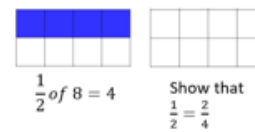
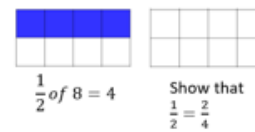
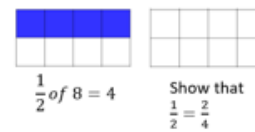
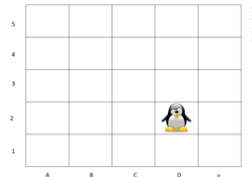
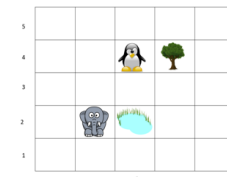
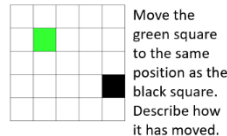

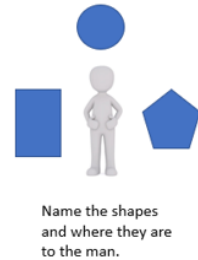
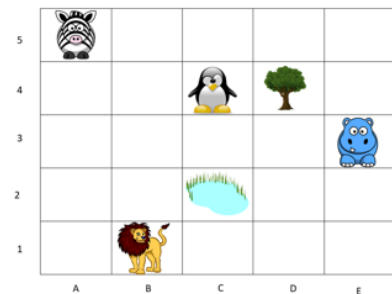
Week.	Mathematical aspect	Non-negotiable end points Year 1.	Non-negotiable end points Year 2.	Curriculum statements – Year 1.	Curriculum Statements. Year 2.																																																																																																																																																																							
		Knows that doubles are two groups of the same number. Knows that equal groups can be represented as an array.	Knows the 2s, 5s and 10s times tables and can find related facts. Knows that multiplication is inverse to division.		<ul style="list-style-type: none">● To recognise and use the inverse relationship between multiplication and division in calculations.● To show that multiplication of two numbers can be done in any order (commutative) and division for one number by another cannot.● To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.																																																																																																																																																																							
<div><div><table><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td>1</td><td>1×1</td><td>1×2</td><td>1×3</td><td>1×4</td><td>1×5</td><td>1×6</td><td>1×7</td><td>1×8</td><td>1×9</td><td>1×10</td><td>1×11</td><td>1×12</td></tr><tr><td>2</td><td>2×1</td><td>2×2</td><td>2×3</td><td>2×4</td><td>2×5</td><td>2×6</td><td>2×7</td><td>2×8</td><td>2×9</td><td>2×10</td><td>2×11</td><td>2×12</td></tr><tr><td>3</td><td>3×1</td><td>3×2</td><td>3×3</td><td>3×4</td><td>3×5</td><td>3×6</td><td>3×7</td><td>3×8</td><td>3×9</td><td>3×10</td><td>3×11</td><td>3×12</td></tr><tr><td>4</td><td>4×1</td><td>4×2</td><td>4×3</td><td>4×4</td><td>4×5</td><td>4×6</td><td>4×7</td><td>4×8</td><td>4×9</td><td>4×10</td><td>4×11</td><td>4×12</td></tr><tr><td>5</td><td>5×1</td><td>5×2</td><td>5×3</td><td>5×4</td><td>5×5</td><td>5×6</td><td>5×7</td><td>5×8</td><td>5×9</td><td>5×10</td><td>5×11</td><td>5×12</td></tr><tr><td>6</td><td>6×1</td><td>6×2</td><td>6×3</td><td>6×4</td><td>6×5</td><td>6×6</td><td>6×7</td><td>6×8</td><td>6×9</td><td>6×10</td><td>6×11</td><td>6×12</td></tr><tr><td>7</td><td>7×1</td><td>7×2</td><td>7×3</td><td>7×4</td><td>7×5</td><td>7×6</td><td>7×7</td><td>7×8</td><td>7×9</td><td>7×10</td><td>7×11</td><td>7×12</td></tr><tr><td>8</td><td>8×1</td><td>8×2</td><td>8×3</td><td>8×4</td><td>8×5</td><td>8×6</td><td>8×7</td><td>8×8</td><td>8×9</td><td>8×10</td><td>8×11</td><td>8×12</td></tr><tr><td>9</td><td>9×1</td><td>9×2</td><td>9×3</td><td>9×4</td><td>9×5</td><td>9×6</td><td>9×7</td><td>9×8</td><td>9×9</td><td>9×10</td><td>9×11</td><td>9×12</td></tr><tr><td>10</td><td>10×1</td><td>10×2</td><td>10×3</td><td>10×4</td><td>10×5</td><td>10×6</td><td>10×7</td><td>10×8</td><td>10×9</td><td>10×10</td><td>10×11</td><td>10×12</td></tr><tr><td>11</td><td>11×1</td><td>11×2</td><td>11×3</td><td>11×4</td><td>11×5</td><td>11×6</td><td>11×7</td><td>11×8</td><td>11×9</td><td>11×10</td><td>11×11</td><td>11×12</td></tr><tr><td>12</td><td>12×1</td><td>12×2</td><td>12×3</td><td>12×4</td><td>12×5</td><td>12×6</td><td>12×7</td><td>12×8</td><td>12×9</td><td>12×10</td><td>12×11</td><td>12×12</td></tr></table></div><div><div><div>16</div><div>2</div><div>8</div></div><div>16 = 2 x 8 16 = 8 x 2 16 ÷ 2 = 8 16 ÷ 8 = 2</div></div><div><div><div>Convince me that 3 x 5 is the same as 5 x 3.</div><div></div></div><div><div>Complete the fact family: 2 x 5 = 10 5 x 2 = 10 10 ÷ 5 = 2 10 ÷ 2 = 5</div></div></div></div> <div><div><div>This array shows two groups of 5. Is that true?</div></div><div><div><div>This is 20. True or false?</div></div></div></div> <div><div><div>30</div><div>5</div><div>?</div></div><div>Write all the x and ÷ facts</div></div> <div><div><div>Complete 25 ÷  = 5 6 x  =   x 7 = 35</div></div><div>Write all the inverse facts.</div></div>					1	2	3	4	5	6	7	8	9	10	11	12	1	1×1	1×2	1×3	1×4	1×5	1×6	1×7	1×8	1×9	1×10	1×11	1×12	2	2×1	2×2	2×3	2×4	2×5	2×6	2×7	2×8	2×9	2×10	2×11	2×12	3	3×1	3×2	3×3	3×4	3×5	3×6	3×7	3×8	3×9	3×10	3×11	3×12	4	4×1	4×2	4×3	4×4	4×5	4×6	4×7	4×8	4×9	4×10	4×11	4×12	5	5×1	5×2	5×3	5×4	5×5	5×6	5×7	5×8	5×9	5×10	5×11	5×12	6	6×1	6×2	6×3	6×4	6×5	6×6	6×7	6×8	6×9	6×10	6×11	6×12	7	7×1	7×2	7×3	7×4	7×5	7×6	7×7	7×8	7×9	7×10	7×11	7×12	8	8×1	8×2	8×3	8×4	8×5	8×6	8×7	8×8	8×9	8×10	8×11	8×12	9	9×1	9×2	9×3	9×4	9×5	9×6	9×7	9×8	9×9	9×10	9×11	9×12	10	10×1	10×2	10×3	10×4	10×5	10×6	10×7	10×8	10×9	10×10	10×11	10×12	11	11×1	11×2	11×3	11×4	11×5	11×6	11×7	11×8	11×9	11×10	11×11	11×12	12	12×1	12×2	12×3	12×4	12×5	12×6	12×7	12×8	12×9	12×10	12×11	12×12
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5.	Geometry: properties of shape, symmetry	Knows that rectangles, triangles, cuboids and pyramids are not always similar to each other.	Know the mathematical names and properties of 2d and 3d shapes. Knows symmetry is reflection in a vertical line.	<ul style="list-style-type: none">● To recognise and name common 2D and 3D shapes, including:● 2D shapes (rectangles (including squares), circles and triangles)● 3D shapes (cuboids (including cubes), pyramids and spheres).	<ul style="list-style-type: none">● To identify and describe the properties of 2D shapes, including the number of sides and symmetry in a vertical line.● To identify and describe the properties of 3D shapes including the number of edges, vertices and faces.● To identify 2D shapes on the surface of 3D shapes, for example circle on a cylinder and a triangle on a pyramid.● To compare and sort common 2D and 3D shapes and everyday objects.																																																																																																																																																																							



WRPS Maths Medium Term Planning: Spring Term Year 1 Year 2

Week.	Mathematical aspect	Non-negotiable end points Year 1.	Non-negotiable end points Year 2.	Curriculum statements – Year 1.	Curriculum Statements. Year 2.																										
	<p>Which of these shapes isn't a triangle? How do you know?</p> <div></div> <p>Tick the pyramids</p> <div></div>	<p>Vertical line of symmetry</p> <div></div> <div></div>	<div><div><p>Less than 4 sides</p></div><div><p>4 sides or more</p></div></div> <p>All pentagons have 5 sides</p> <div></div> <p>Circular faces Triangular faces</p> <p>Sort the shapes into sets A and B.</p> <div></div> <p>Guess the shape. I have two triangular faces and three rectangular faces.</p>	<div></div> <p>Put in another blue square to make this image symmetrical</p> <div></div> <p>Which of these shapes does not have a vertical line of symmetry?</p>																											
6.	Measurement: length, mass, capacity	Knows the correct measuring equipment for length, mass and capacity.	Knows the relationships between units of measure for length, mass and capacity.	<p>To measure and begin to record the following:</p> <ul style="list-style-type: none">lengths and heightsmass/weightcapacity and volume	<ul style="list-style-type: none">To choose and use appropriate standard units to estimate and measure length/ height in any direction; mass; temperature; volume and capacity to the nearest appropriate unit using rulers, scales, thermometers and measuring vessels.To compare and order lengths, mass, volume/capacity and record the results using >, < and =.																										
	<div></div> <p>Measuring to the nearest cm</p> <div></div> <p>Measuring in ml</p> <div></div> <p>Measuring in kg/g</p> <table><tr><th>Measurement</th><th></th><th></th></tr><tr><td>Length</td><td>100cm</td><td>1m</td></tr><tr><td>Mass</td><td>1000g</td><td>1kg</td></tr><tr><td>Capacity</td><td>1000ml</td><td>1 L</td></tr></table>	Measurement			Length	100cm	1m	Mass	1000g	1kg	Capacity	1000ml	1 L	<p>Measuring equipment</p> <div></div> <div></div> <p>Rulers and tape measures for length and height. Measuring jugs for capacity. Balance scales for mass.</p> <div></div> <p>Jack says the door is 2m high. Jill says it is 1m high. Who is closest?</p> <div></div> <p>Find the mass of the orange.</p> <div></div> <p>How many glasses will this bottle fill?</p>	<p>Complete the table</p> <table><tr><th>Measurement</th><th></th><th></th><th>Equipment</th></tr><tr><td>Length</td><td>? cm</td><td>1m</td><td>ruler</td></tr><tr><td>Mass</td><td>1000g</td><td>1kg</td><td>?</td></tr><tr><td>Capacity</td><td>1000ml</td><td>?</td><td>Measuring jug</td></tr></table>	Measurement			Equipment	Length	? cm	1m	ruler	Mass	1000g	1kg	?	Capacity	1000ml	?	Measuring jug
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Mass	1000g	1kg	?																												
Capacity	1000ml	?	Measuring jug																												
7.	Fractions: finding fractions of quantities, shapes and sets of objects, equivalence	Knows that halves are two equal parts of a whole. Knows that quarters are 4 equal parts of a whole.	Knows simple equivalence in halves and quarters. Knows thirds are three equal parts of a whole.	<ul style="list-style-type: none">To recognise, find and name a half as one of two equal parts of an object, shape or quantity.To recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.	<ul style="list-style-type: none">To recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4.To write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of two quarters and one half.																										



Week.	Mathematical aspect	Non-negotiable end points Year 1.	Non-negotiable end points Year 2.	Curriculum statements – Year 1.	Curriculum Statements. Year 2.
	<div></div>	<div><p>Write the fraction that is shaded.</p><p>How many ways can you show $\frac{1}{4}$?</p></div>	<div><p>How many ways can you show $\frac{1}{4}$?</p></div>	<div></div>	<div><p>Mag says this is $\frac{1}{2}$ as 3 squares are shaded. Explain why Mag is not correct.</p></div>
8.	Geometry: position and direction	Knows shapes in different orientations and sizes,	Knows how to describe position and movement using clockwise, anti-clockwise, left and right.	<ul style="list-style-type: none">To describe position, directions and movements, including half, quarter and three- quarter turns.	<ul style="list-style-type: none">To use mathematical vocabulary to describe position, direction and movement, including distinguishing between rotation as a turn and in terms of right angles for quarter, half and three quarter turns (clockwise and anti-clockwise) and movement in a straight line.
	<div></div>	<div></div>	<div></div>	<div></div>	
9.	Measurement: time	Knows the days of the week and the months of the year. Knows how to read the time to the hour and half hour	Knows how to read the time to the 5 minute interval.	<ul style="list-style-type: none">To sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening];To recognise and use language relating to dates, including days of the week, weeks, months and years.To tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.	<ul style="list-style-type: none">To 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.



WRPS Maths Medium Term Planning: Spring Term Year 1 Year 2

Week.	Mathematical aspect	Non-negotiable end points Year 1.	Non-negotiable end points Year 2.	Curriculum statements – Year 1.	Curriculum Statements. Year 2.
<div><div><div>Sunday</div><div>Monday</div><div>Tuesday</div><div>Wednesday</div><div>Thursday</div><div>Friday</div><div>Saturday</div></div><div><div>January</div><div>February</div><div>March</div><div>April</div><div>May</div><div>June</div><div>July</div><div>August</div><div>September</div><div>October</div><div>November</div><div>December</div></div><div>Days of the week. Months of the year</div><div><div>Today</div><div>Yesterday</div><div>Tomorrow</div><div>Playtime</div><div>Lunchtime</div><div>Home time</div></div></div>		<div><div>O'clock</div><div>5 to</div><div>10 to</div><div>quarter to</div><div>20 to</div><div>25 to</div><div>half past</div><div>5 past</div><div>10 past</div><div>quarter past</div><div>20 past</div><div>25 past</div><div>10 past 4</div><div>25 past 6</div><div>20 to 11</div></div>	<div><div>Trains leave at half past the hour.</div><div>Tick which clocks show times that you can catch a train.</div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div></div>	<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div>Show these time on the clock face</div><ul style="list-style-type: none">• 5 past 7• 25 to 3• 5 to 8<div>The time is now half past 4. What time will it be in 10 minutes?</div></div>	
10.	Measurement; money	Knows the coins and notes by their value, size and colour. Knows how to add and subtract with money using the value of the coins. Knows how to multiply and divide with money using the value of the coins.	Knows how to find change in the context of money.	<ul style="list-style-type: none">• To recognise and know the value of different denominations of coins and notes.• To solve problems in the context of money.• To solve one-step problems involving multiplication and division, calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.	<ul style="list-style-type: none">• To solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
	<div><div><div><div><div>10p</div><div>10p</div><div>10p</div><div>10p</div></div><div>4 groups of 20p = 80p</div></div><div><div><div>20p</div><div>20p</div><div>20p</div><div>20p</div></div><div>2 groups of 10p = 20p</div></div></div><div><div><div>TWO POUNDS</div><div>2</div></div><div><div>TWENTY PENCE</div><div>20</div></div><div><div>I have £2. I spend £1 so I get £1 change. I spend 50p so I get £1.50 change.</div><div><div>I have 20p I spend 14p so I get 6p change. My change could be 2p + 2p + 2p or 5p + 1p</div></div></div></div></div>	<div><div><div><div><div>5p</div><div>5p</div><div>5p</div><div>5p</div></div><div>How much more do I need to have 30p?</div></div><div><div><div>1p</div><div>1p</div><div>1p</div><div>1p</div><div>1p</div><div>1p</div><div>1p</div><div>1p</div></div><div>Four friends share the money. How much do they each get?</div></div></div></div>	<div><div><div><div><div>1p</div><div>1p</div><div>1p</div></div><div>Three coins will always be more than 2 coins</div></div><div><div><div>20p</div><div>10p</div><div>2p</div><div>1p</div></div><div>Which can I buy?</div></div><div><div><div>50p</div><div>30p</div><div>23p</div><div>35p</div></div><div>What change will I get from 50p?</div></div></div></div>		
11.	Statistics: solving problems that involve collecting data in tallies, tables and pictograms	Knows how to use criteria to sort objects and make sets.	Knows how data is represented and read.	<ul style="list-style-type: none">• To present and interpret data in block diagrams using practical equipment.• To ask and answer simple questions by counting the number of objects in each category.• To ask and answer questions by comparing categorical data.	<ul style="list-style-type: none">• To interpret and construct simple pictograms, tally charts, block diagrams and simple tables.• To ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.







WRPS Maths Medium Term Planning: Spring Term Year 1 Year 2

Week.	Mathematical aspect	Non-negotiable end points Year 1.	Non-negotiable end points Year 2.	Curriculum statements – Year 1.	Curriculum Statements. Year 2.																																	
					<ul style="list-style-type: none">To ask and answer questions about totalling and compare categorical data.																																	
<div><table><tr><th>Fruit</th><th>Children in Y2</th></tr><tr><td>Apple</td><td>8</td></tr><tr><td>Orange</td><td>7</td></tr><tr><td>Grapes</td><td>6</td></tr><tr><td>Bananas</td><td>9</td></tr></table><p>Children in Y2 like fruit. How many children like apples? How many more children like bananas?</p><p>A block graph to show Y2 favourite fruit.</p><table><tr><th>Fruit</th><th>Children in Y2</th></tr><tr><td>Apple</td><td>●●●●●●●●</td></tr><tr><td>Orange</td><td>●●●●●●●</td></tr><tr><td>Grapes</td><td>●●●●●●●●</td></tr><tr><td>Bananas</td><td>●●●●●●●●●●</td></tr></table></div> <div><table><tr><th>Month</th><th>Birthdays</th></tr><tr><td>January</td><td>8</td></tr><tr><td>February</td><td>4</td></tr><tr><td>March</td><td>7</td></tr></table><p>How many children have a birthday in February in our class? How many more children have their birthday in March?</p><p>The fruit we like best in Y1</p><p>4 children like grapes best. Show this on the graph.</p></div>				Fruit	Children in Y2	Apple	8	Orange	7	Grapes	6	Bananas	9	Fruit	Children in Y2	Apple	●●●●●●●●	Orange	●●●●●●●	Grapes	●●●●●●●●	Bananas	●●●●●●●●●●	Month	Birthdays	January	8	February	4	March	7	<div><div><p>Yellow</p></div><div><p>Green</p></div><div><p>Eat it</p></div><div><p>Not eat it</p></div></div> <p>The bar chart shows the number of pupils who like cats (C), dogs (D) and goldfish (G).</p> <p>How many pupils like cats? How many more like goldfish?</p> <tr><td>12.</td><td>Calculation: using mental & written calculation strategies</td><td><p>Knows the operation required and calculates using counting and known facts, including bridging the 10.</p><p>Knows the most efficient method. Counting back is ‘take away’ and counting on is ‘find the difference’.</p></td><td><p>Knows the operation to use and chooses the efficient method. Knows facts to 100 using multiples of 10.</p></td><td><ul style="list-style-type: none">To solve one-step problems that involve addition using concrete objects and pictorial representations, and missing number problems.To read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs.<ul style="list-style-type: none">To represent and use number bonds and related subtraction facts within 20.To add and subtract one-digit and two-digit numbers to 20, including zero.To solve one-step problems involving multiplication and division, calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</td><td><p>To recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100.</p><ul style="list-style-type: none">To add and subtract using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a 2-digit number and tens; two 2-digit numbers; adding three one-digit numbers. 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WRPS Maths Medium Term Planning: Spring Term Year 1 Year 2

Week.	Mathematical aspect	Non-negotiable end points Year 1.	Non-negotiable end points Year 2.	Curriculum statements – Year 1.	Curriculum Statements. Year 2.
	<div><div>50 + 50 = 100 60 + 40 = 100 70 + 30 = 100</div><div>5 + 6 + 5 = 7 + 8 + 3 =</div><div><p>The rope is 15m long. Jim cuts off 7m. How much of the rope is left?</p></div><div><p>The flower is 12cm tall. It grows 4cm more. How tall is the flower now?</p></div></div> <div><div>Calculate 2 x 9 = 20 ÷ 5 = 54 + 7 = 76 – 23 =</div><div><div>16 9 ?</div><p>16 seeds are planted. 9 grew. How many did not?</p></div><div><p>The sunflower is 20cm high. The rose is half as tall. How tall is the rose?</p></div></div>		<div>Choose to count on or count back</div> <div>17 – 3 = 17 – 15 = 13 – 8 = 13 – 11 =</div>	<div>Here are some number cards</div> <div>15 11 8 7 4 11</div> <div>Use the cards to complete the number facts</div> <div><div><div></div> + <div></div> = <div></div></div><div><div></div> – <div></div> = <div></div></div></div>	<div><div>16 66 17 58 5 50 83 9 100</div><div>Choose numbers to add mentally. Choose numbers to subtract with a method.</div></div> <div><div>80 50</div><div>What should be added to these numbers to total 100?</div></div> <div><div>If I know that 2 + 5 = 7, I know that 20 + 50 = 70. Is this true?</div></div>