

# Year 2 – Yearly Overview - Autumn

		Week 1 – 3 (BLOCK 1)	Week 4 – 8 (BLOCK 2)	Week 9 – 10 (BLOCK 3)	Week 11 – 12 (BLOCK 4)
		Number: Place Value	Number: Addition and Subtraction	Measurement: Money	Number: Multiplication and Division
White Rose Maths Small Steps		<ul style="list-style-type: none"> <li>Count objects to 100 and read and write numbers in numerals and words.</li> <li>Represent numbers to 100.</li> <li>Tens and ones with a part whole model.</li> <li>Tens and ones using addition.</li> <li>Use a place value chart.</li> <li>Compare objects.</li> <li>Compare numbers.</li> <li>Order objects and numbers.</li> <li>Count in 2s, 5s and 10s.</li> <li>Count in 3s.</li> </ul> <p><b>Key vocab</b> Tens, ones, compare, order</p>	<ul style="list-style-type: none"> <li>Fact families – Addition and subtraction bonds to 20.</li> <li>Check calculations.</li> <li>Compare number sentences.</li> <li>Related facts.</li> <li>Bonds to 100 (tens and ones).</li> <li>Add and subtract 1s/10s.</li> <li>10 more and 10 less.</li> <li>Add a 2-digit and 1-digit number – crossing ten.</li> <li>Subtract a 1-digit number from a 2-digit number – crossing 10.</li> <li>Add two 2-digit numbers – crossing/not crossing ten – add ones and add tens.</li> <li>Subtract a 2-digit number from a 2-digit number – not crossing/crossing ten.</li> <li>Add three 1-digit numbers.</li> </ul> <p><b>Key vocab</b> Fact families, compare, number bond, more, less, crossing ten</p>	<ul style="list-style-type: none"> <li>Count money – pence.</li> <li>Count money – pounds (notes and coins).</li> <li>Count money – notes and coins.</li> <li>Select money.</li> <li>Make the same amount.</li> <li>Compare money.</li> <li>Find the total.</li> <li>Find the difference.</li> <li>Find change.</li> <li>Two-step problems.</li> </ul> <p><b>Key vocab</b> Compare, total, difference, change</p>	<ul style="list-style-type: none"> <li>Recognise equal groups.</li> <li>Make equal groups.</li> <li>Add equal groups.</li> <li>Multiplication sentences using the x symbol.</li> <li>Multiplication sentences from pictures.</li> <li>Use arrays.</li> <li>2 times-table.</li> <li>5 times-table.</li> <li>10 times-table.</li> </ul> <p><b>Key vocab</b> Equal, multiply, array</p>
	National Curriculum Link	<ul style="list-style-type: none"> <li>Read and write numbers to at least 100 in numerals and in words.</li> <li>Recognise the place value of each digit in a two digit number (tens, ones) Identify, represent and estimate numbers using different representations including the number line.</li> <li>Compare and order numbers from 0 up to 100; use &lt;, &gt; and = signs.</li> <li>Use place value and number facts to solve problems.</li> <li>Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.</li> </ul>	<ul style="list-style-type: none"> <li>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</li> <li>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.</li> <li>Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.</li> <li>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.</li> <li>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</li> </ul>	<ul style="list-style-type: none"> <li>Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.</li> <li>Find different combinations of coins that equal the same amounts of money.</li> <li>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</li> </ul>	<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</li> <li>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.</li> <li>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</li> <li>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</li> </ul>
TAF Statements 2019 – 2020	W T	<ul style="list-style-type: none"> <li>Read and write numbers in numerals up to 100.</li> <li>Partition a two-digit number into tens and ones and demonstrate understanding of place value, though they may use structured resources to support them.</li> </ul>	<ul style="list-style-type: none"> <li>Add and subtract (one digit numbers) explaining their method verbally in pictures or using apparatus.</li> <li>Recall at least four of the six number bonds for 10 and reason about associated facts.</li> </ul>	<ul style="list-style-type: none"> <li>Know the value of different coins.</li> </ul>	N/A
	W A	<ul style="list-style-type: none"> <li>Read scales in divisions of ones, twos, fives and tens.</li> <li>Partition two digit numbers into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Use different coins to make the same amount.</li> </ul>	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems, demonstrating and understanding of commutativity as necessary.</li> </ul>
	G D	<ul style="list-style-type: none"> <li>Read scales where not all numbers on the scale are given and estimate points in between.</li> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	<ul style="list-style-type: none"> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	<ul style="list-style-type: none"> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts.</li> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>

# Year 2 – Yearly Overview - Spring

		Week 1 – 2 (BLOCK 1)	Week 3 – 4 (BLOCK 2)	Week 5 – 7 (BLOCK 3)	Week 8 – 10 (BLOCK 4)	Week 11 (BLOCK 5)	Week 12
		Number: Multiplication and Division	Statistics	Geometry: Properties of Shape	Number: Fractions	Measurement: Length and Height	Consolidation
White Rose Maths Small Steps		<ul style="list-style-type: none"> <li>Make equal groups – sharing.</li> <li>Make equal groups – grouping.</li> <li>Divide by 2.</li> <li>Odd and even numbers.</li> <li>Divide by 5.</li> <li>Divide by 10.</li> </ul> <p><b>Key vocab</b> Equal, sharing, grouping, odd, even, divide</p>	<ul style="list-style-type: none"> <li>Make tally charts.</li> <li>Draw pictograms (1-1).</li> <li>Interpret pictograms (1-1).</li> <li>Draw pictograms (2, 5 and 10).</li> <li>Interpret pictograms (2, 5 and 10).</li> <li>Block diagrams.</li> </ul> <p><b>Key vocab</b> Tally, pictograms, interpret, diagram</p>	<ul style="list-style-type: none"> <li>Recognise 2D and 3D shapes.</li> <li>Count sides/vertices on 2D shapes.</li> <li>Draw 2D shapes.</li> <li>Lines of symmetry.</li> <li>Make patterns with 2D shapes.</li> <li>Count faces/edges/vertices on 3D shapes.</li> <li>Sort 2D/3D shapes.</li> <li>Make patterns with 3D shapes.</li> </ul> <p><b>Key vocab</b> Vertices, faces, edges, symmetry</p>	<ul style="list-style-type: none"> <li>Make equal parts.</li> <li>Recognise half/quarter/third.</li> <li>Find half/quarter/third</li> <li>Unit fractions.</li> <li>Non-unit fractions.</li> <li>Equivalence of <math>\frac{1}{2}</math> and <math>\frac{2}{4}</math>.</li> <li>Find three quarters.</li> <li>Count in fractions.</li> </ul> <p><b>Key vocab</b> Equal, half, quarter, third, fraction</p>	<ul style="list-style-type: none"> <li>Measure length (cm).</li> <li>Measure length (m).</li> <li>Compare lengths.</li> <li>Order lengths.</li> <li>Four operations with lengths.</li> </ul> <p><b>Key vocab</b> Measure, length, compare, order</p>	All
	National Curriculum Link	<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</li> <li>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (<math>\times</math>), division (<math>\div</math>) and equals (=) signs.</li> <li>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</li> <li>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</li> </ul>	<ul style="list-style-type: none"> <li>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</li> <li>Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</li> <li>Ask and answer questions about totalling and comparing categorical data.</li> </ul>	<ul style="list-style-type: none"> <li>Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.</li> <li>Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.</li> <li>Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid].</li> <li>Compare and sort common 2-D and 3-D shapes and everyday objects.</li> </ul>	<ul style="list-style-type: none"> <li>Recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity.</li> <li>Write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math>.</li> </ul>	<ul style="list-style-type: none"> <li>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (<math>^{\circ}</math>C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.</li> <li>Compare and order lengths, mass, volume/capacity and record the results using <math>&gt;</math>, <math>&lt;</math> and <math>=</math>.</li> </ul>	All
TAF Statements 2019-2020	WT	N/A	N/A	<ul style="list-style-type: none"> <li>Name some common 2D and 3D shapes from a group of shapes or from pictures of the shapes and describe some of their properties.</li> </ul>	N/A	N/A	All
	WA	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems, demonstrating and understanding of commutativity as necessary.</li> </ul>	<ul style="list-style-type: none"> <li>Read scales in divisions of ones, twos, fives and tens.</li> </ul>	<ul style="list-style-type: none"> <li>Name and describe properties of 2D and 3D shapes, including number of sides, vertices, edges, faces and lines of symmetry.</li> </ul>	<ul style="list-style-type: none"> <li>Identify <math>\frac{1}{4}</math>, <math>\frac{1}{3}</math>, <math>\frac{1}{2}</math>, <math>\frac{2}{4}</math>, <math>\frac{3}{4}</math> of a number or shape and know that all the parts must be equal parts of the whole.</li> </ul>	N/A	All
	GD	<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts.</li> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	<ul style="list-style-type: none"> <li>Read scales where not all numbers on the scale are given and estimate points in between.</li> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	<ul style="list-style-type: none"> <li>Describe the similarities and differences of 2D and 3D shapes, using their properties.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	<ul style="list-style-type: none"> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	<ul style="list-style-type: none"> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	All

# Year 2 – Yearly Overview - Summer

		Week 1 - 3 BLOCK 1	Week 4 - 5 BLOCK 2	Week 6 - 7 BLOCK 3	Week 8 - 10 BLOCK 4	Week 11 - 12 BLOCK 5
		Geometry: Position and Direction	Problem solving and efficient methods	Measurement: Time	Measurement: Mass, Capacity and Temperature	Investigations
White Rose Maths Small Steps		<ul style="list-style-type: none"> <li>Describing movement.</li> <li>Describing turns.</li> <li>Describing movement and turns.</li> <li>Making patterns with shapes.</li> </ul> <p><b>Key vocab</b> Turns, patterns, movement</p>	All	<ul style="list-style-type: none"> <li>O'clock and half past.</li> <li>Quarter past and quarter to.</li> <li>Telling time to 5 minutes.</li> <li>Minutes in an hour, hours in a day.</li> <li>Find durations of time.</li> <li>Compare durations of time.</li> </ul> <p><b>Key vocab</b> Duration, compare, past, to, quarter</p>	<ul style="list-style-type: none"> <li>Compare mass.</li> <li>Measure mass in grams.</li> <li>Measure mass in kilograms.</li> <li>Compare capacity.</li> <li>Millilitres.</li> <li>Litres.</li> <li>Temperature.</li> </ul> <p><b>Key vocab</b> Compare, measure, mass, grams, kilograms</p>	All
	National Curriculum Link	<ul style="list-style-type: none"> <li>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).</li> <li>Order and arrange combinations of mathematical objects in patterns and sequences.</li> </ul>	All	<ul style="list-style-type: none"> <li>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.</li> <li>Know the number of minutes in an hour and the number of hours in a day.</li> <li>Compare and sequence intervals of time.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>Compare and order lengths, mass, volume/capacity and record the results using &gt;, &lt; and =.</li> </ul>	All
TAF Statements	WT	N/A	All	<ul style="list-style-type: none"> <li>Read the time on a clock</li> </ul>	N/A	All
	WA	N/A	All	<ul style="list-style-type: none"> <li>Read the time on a clock to the nearest 15 minutes.</li> </ul>	N/A	All
	GD	<ul style="list-style-type: none"> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	All	<ul style="list-style-type: none"> <li>Read the time on a clock to the nearest 5 minutes.</li> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	<ul style="list-style-type: none"> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>	All