

		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	Multiplication and Division
White Rose 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>	<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)</li> <li>Add and subtract 1s</li> <li>10 more and 10 less</li> <li>Add and subtract 10s</li> <li>Add a 2-digit number and a 1-digit number – exchange with the tens</li> <li>Subtract a 1-digit number from a 2-digit number – exchange with the tens</li> <li>Add two 2-digit numbers – no exchange – add ones and tens</li> <li>Add two 2-digit numbers – exchange with the tens – add ones and tens</li> <li>Subtract a 2-digit numbers from a 2-digit number – no exchange</li> <li>Subtract a 2-digit number from a 2 digit number – exchange with the tens – subtract ones and tens</li> <li>Bonds to 100 (tens and ones)</li> <li>Add three 1-digit numbers (e.g. <math>4 + 3 + 6</math>)</li> </ul> <p><b>Strategies for addition and subtraction may include:</b> partitioning, number lines, expanded column method, compact column method.</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>	<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>
	National Curriculum		<ul style="list-style-type: none"> <li>Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward</li> <li>Recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>Identify, represent and estimate numbers using different representations, including the number line</li> <li>Compare and order numbers from 0 up to 100; use <math>&lt;</math>, <math>&gt;</math> and <math>=</math> signs</li> <li>Read and write numbers to at least 100 in numerals and in words</li> <li>Use place value and number facts to solve problems.</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 and adding three one-digit numbers</li> <li>Show that 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 and 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>

	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 Small Steps	<ul style="list-style-type: none"> <li>Make equal groups – <b>sharing</b> (for example: 20 children are put into 4 equal teams. How many children are there in each team?)</li> <li>Make equal groups – <b>grouping</b> (for example: Pencils come in packs of 20. We need to put 5 in each pot. How many pots will we need?)</li> <li>Divide by 2</li> <li>Odd and even numbers</li> <li>Divide by 5</li> <li>Divide by 10</li> </ul>	<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>	<ul style="list-style-type: none"> <li>Recognise 2-D and 3-D shapes</li> <li>Count sides on 2-D shapes</li> <li>Count vertices on 2-D shapes</li> <li>Draw 2-D shapes</li> <li>Lines of symmetry</li> <li>Short 2-D shapes</li> <li>Make patterns with 2-D shapes</li> <li>Count faces on 3-D shapes</li> <li>Count edges on 3-D shapes</li> <li>Count vertices on 3-D shapes</li> <li>Sort 3-D shapes</li> <li>Make patterns with 3-D shapes</li> </ul>	<ul style="list-style-type: none"> <li>Make equal parts</li> <li>Recognise half</li> <li>Find half</li> <li>Recognise a quarter</li> <li>Find a quarter</li> <li>Recognise a third</li> <li>Find a third</li> <li>Unit fractions</li> <li>Non-unit fractions</li> <li>Equivalence of <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math></li> <li>Find three quarters</li> <li>Count in fractions (for example: <math>\frac{1}{3}, \frac{2}{3}, 1, 1\frac{1}{3}, 1\frac{2}{3}, \dots</math>)</li> </ul>	<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>Using the four operations with length</li> </ul>	All
National Curriculum	<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using multiplication (<math>\times</math>), division (<math>\div</math>) and equals (<math>=</math>) signs</li> <li>Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</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> </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}, \frac{1}{4}, \frac{2}{4}, \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}\text{C}</math>); 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

		Week 1-3 Block 1	Week 4-5 Block 3	Week 6-7 Block 4	Week 8-10 Block 2	Week 11-12 Block 5
		Geometry: Position and Direction	Measurement: Time	Measurement: Mass, Capacity and Temperature	Problem Solving and Efficient Methods	Investigations
White Rose Small Steps	<ul style="list-style-type: none"> <li>Use language to describe movement in a straight line. For example: 'forwards', 'backwards', 'up', 'down', 'left', 'right'</li> <li>Describing turns</li> <li>Describing movements and turns</li> <li>Making patterns with shapes</li> </ul> <p>Covered in morning and afternoon Maths</p>	<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>Covered in morning and afternoon Maths</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>Covered in morning and afternoon Maths Block to be completed before KS1 SATs</p>	All	All	
	National Curriculum	<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 anticlockwise)</li> <li>Order and arrange combinations of mathematical objects in patterns and sequences</li> </ul>	<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 <math>&gt;</math>, <math>&lt;</math> and <math>=</math></li> </ul>	All	All



**Year 2 Maths – Summer Term**

