


Foreword: As APAT schools follow the White Rose Maths scheme of progression, the areas found below are taken from that. For further questioning, please consult this. As White Rose are currently changing their scheme around, the Autumn and Spring terms reflect these changes. This document will be consistently updated to reflect the White Rose Hub.

 <b>Units are designed to run in sequence as there is a progression of skills building up across each year group.</b> <b>Full guides to knowledge and understanding, skills and progression are available within the scheme and can be downloaded at any time.</b>						
2022-23	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Autumn 1</b>	<b>Place Value (within 10)</b> <ul style="list-style-type: none"> <li>Sort &amp; Count objects</li> <li>1 more &amp; 1 less</li> <li>Fewer, more, same</li> <li>The number line.</li> </ul> <b>Addition and subtraction (within 10)</b> <ul style="list-style-type: none"> <li>The Part-Whole Model</li> <li>Write number sentences</li> <li>Fact Families</li> <li>Number bonds to 10</li> <li>Addition – add together &amp; more</li> </ul>	<b>Place Value</b> <ul style="list-style-type: none"> <li>Numbers to 20</li> <li>Count to 100 in 10's</li> <li>Recognise 10's and 1's</li> <li>Using place value charts</li> <li>Partitioning and writing numbers to 100</li> <li>Comparing objects and numbers</li> <li>Ordering objects and numbers</li> <li>Counting in 2's 5's and 10's</li> <li>Counting in 3's</li> </ul> <b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>Bonds within 20</li> <li>Bonds to 100</li> </ul> <a href="https://www.youtube.com/watch?v=GD11AzC5doc">https://www.youtube.com/watch?v=GD11AzC5doc</a> <ul style="list-style-type: none"> <li>Add and subtract 1's</li> </ul> <a href="https://www.youtube.com/watch?v=GD11AzC5doc">https://www.youtube.com/watch?v=GD11AzC5doc</a> <ul style="list-style-type: none"> <li>Add by making 10</li> </ul>	<b>Place Value</b> <ul style="list-style-type: none"> <li>Represent numbers to 100</li> <li>Partition numbers to 100</li> <li>The number line to 100</li> <li>Represent and partition to 1000</li> <li>Flexible partitioning</li> <li>Hundreds tens and ones</li> <li>Find 1, 10 or 100 more or less</li> <li>Estimate on a number line to 1000</li> <li>Compare and order to 1000</li> <li>Count in 50's</li> </ul> <b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>Apply number bonds within 10</li> <li>Add and subtract 1's 10's and 100's</li> </ul> <a href="https://www.youtube.com/watch?v=GD11AzC5doc">https://www.youtube.com/watch?v=GD11AzC5doc</a> <ul style="list-style-type: none"> <li>Spotting patterns</li> <li>Add 1's and 10's across 100</li> <li>Make connections</li> <li>Add two numbers (no exchange)</li> </ul> <a href="https://www.youtube.com/watch?v=GD11AzC5doc">https://www.youtube.com/watch?v=GD11AzC5doc</a>	<b>Place Value</b> <ul style="list-style-type: none"> <li>Represent and partition numbers to 1000</li> <li>Number line to 1000</li> <li>Represent and partition to 10,000</li> <li>Find 1, 10, 100 or 1000 more or less</li> <li>Number line to 10,000</li> <li>Order and compare numbers to 10,000</li> <li>Roman Numerals</li> <li>Round to the nearest 10, 100 or 1,000</li> </ul> <b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>Add and subtract 1s, 10s, 100s and 1000s</li> <li>Add and subtract two 4-digit numbers (no exchange)</li> </ul> <a href="https://www.youtube.com/watch?v=tFrc6R8G4o4">https://www.youtube.com/watch?v=tFrc6R8G4o4</a> <ul style="list-style-type: none"> <li>Add and subtract two 4-digit numbers (one or more exchanges)</li> <li>Efficient subtractions</li> <li>Estimate answers</li> <li>Checking strategies</li> </ul>	<b>Place Value</b> <ul style="list-style-type: none"> <li>Roman Numerals to 1000</li> <li>Numbers to 1,000,000</li> <li>Reading and writing numbers to 1,000,000</li> <li>Powers of 10</li> <li>10, 100, 1000, 10,000 or 100,000 more or less</li> <li>Partitioning numbers to 1,000,000</li> <li>Comparing and ordering numbers to 1,000,000</li> <li>Rounding within 100,000</li> <li>Rounding within 1,000,000</li> </ul> <b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>Mental strategies</li> <li>Add and whole numbers with more than 4 digits</li> </ul> <a href="https://www.youtube.com/watch?v=B9yDL-RasCQ">https://www.youtube.com/watch?v=B9yDL-RasCQ</a> <a href="https://www.youtube.com/watch?v=4SHSMugvxf8">https://www.youtube.com/watch?v=4SHSMugvxf8</a> <a href="https://www.youtube.com/watch?v=l6WNTCpS5zE">https://www.youtube.com/watch?v=l6WNTCpS5zE</a> <ul style="list-style-type: none"> <li>Round to check answers</li> <li>Inverse operations</li> <li>Multi-Step addition and subtraction problems</li> <li>Comparing fractions</li> <li>Finding missing numbers</li> </ul>	<b>Place Value</b> <ul style="list-style-type: none"> <li>Numbers to 10,000,000</li> <li>Powers of 10</li> <li>Compare and order integers</li> <li>Rounding integers</li> <li>Negative numbers</li> </ul> <b>Addition, Subtraction, Multiplication and Division</b> <ul style="list-style-type: none"> <li>Add and subtract integers</li> </ul> <a href="https://www.youtube.com/watch?v=B9yDL-RasCQ">https://www.youtube.com/watch?v=B9yDL-RasCQ</a> <a href="https://www.youtube.com/watch?v=l6WNTCpS5zE">https://www.youtube.com/watch?v=l6WNTCpS5zE</a> <ul style="list-style-type: none"> <li>Common factors</li> <li>Common multiples</li> <li>Rules of divisibility</li> <li>Primes to 100</li> <li>Square and cube numbers</li> <li>Multiply up to a 4-digit number by a 2-digit number</li> </ul> <a href="https://www.youtube.com/watch?v=n1cs4Fs41ak">https://www.youtube.com/watch?v=n1cs4Fs41ak</a> <ul style="list-style-type: none"> <li>Solve problems with multiplication</li> <li>Short division</li> </ul> <a href="https://www.youtube.com/watch?v=mk0Uh_h2mng">https://www.youtube.com/watch?v=mk0Uh_h2mng</a> <ul style="list-style-type: none"> <li>Division using factors</li> <li>Long division</li> </ul> <a href="https://www.youtube.com/watch?v=RjasC6R6iFs">https://www.youtube.com/watch?v=RjasC6R6iFs</a> <ul style="list-style-type: none"> <li>Solving multi-step problems</li> <li>Order of operations</li> <li>Mental calculations</li> </ul>
<b>Autumn 2</b>	<b>Addition and Subtraction (within 10)</b> <a href="https://www.youtube.com/watch?v=q304jNcRSPI">https://www.youtube.com/watch?v=q304jNcRSPI</a> <ul style="list-style-type: none"> <li>Find a part of a whole</li> <li>Subtraction – find a part</li> <li>Fact families</li> <li>Subtraction – Take away</li> <li>Subtraction on a number line</li> <li>Add or subtract 1 or 2</li> </ul> <b>Shape</b> <ul style="list-style-type: none"> <li>Recognise and name 2-D shapes</li> </ul>	<b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>Add three 1-digit numbers</li> </ul> <a href="https://www.youtube.com/watch?v=-wSayqlhopE">https://www.youtube.com/watch?v=-wSayqlhopE</a> <ul style="list-style-type: none"> <li>Add and subtract across and from 10</li> </ul> <b>Shape</b> <ul style="list-style-type: none"> <li>Recognise 2-D and 3-D Shapes</li> <li>Properties of 2-D Shapes</li> <li>Draw 2-D shapes</li> <li>Lines of symmetry in shapes</li> <li>Properties of 3-D shapes</li> <li>Sorting 3-D shapes by properties</li> </ul>	<b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>Subtract two numbers (no exchange)</li> <li>Add two numbers across 10 and 100</li> <li>Subtract two numbers across 10 and 100</li> <li>Add 2-digit and 3-digit numbers</li> </ul> <a href="https://www.youtube.com/watch?v=e-xELcpU7mo">https://www.youtube.com/watch?v=e-xELcpU7mo</a> <a href="https://www.youtube.com/watch?v=gKNvYFp9QO0">https://www.youtube.com/watch?v=gKNvYFp9QO0</a> <ul style="list-style-type: none"> <li>Subtract 2-digit and 3-digit numbers</li> </ul>	<b>Area</b> <ul style="list-style-type: none"> <li>What is area?</li> <li>Counting squares</li> <li>Making shapes</li> <li>Comparing areas</li> </ul> <b>Multiplication and Division</b> <ul style="list-style-type: none"> <li>Multiples of 3</li> <li>Multiplying and divide by 6</li> <li>Multiply and divide by 9</li> <li>Multiply and divide by 7</li> <li>Multiply and divide by 11</li> </ul>	<b>Multiplication and Division</b> <ul style="list-style-type: none"> <li>Common Multiples</li> <li>Common Factors</li> <li>Prime Numbers</li> <li>Square Numbers</li> <li>Cube Numbers</li> <li>Multiply and divide by 10, 100 and 1000</li> </ul> <b>Fractions</b> <ul style="list-style-type: none"> <li>Finding fractions equivalent to a unit and non-unit fraction</li> <li>Converting mixed numbers to improper fractions</li> </ul>	<b>Fractions A</b> <ul style="list-style-type: none"> <li>Equivalent fractions and simplifying</li> <li>Comparing and ordering by numerator and denominator</li> <li>Adding and subtracting simple fractions</li> <li>Adding and subtracting any two fractions</li> <li>Multi-step problems</li> </ul> <b>Fractions B</b> <ul style="list-style-type: none"> <li>Multiplying fractions by integers</li> <li>Multiplying fractions by fractions</li> <li>Dividing a fraction by an integer</li> </ul>

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	<ul style="list-style-type: none"> <li>Recognise and name 3-D shapes</li> <li>Sort 2-D shapes</li> <li>Patterns with 2-D and 3-D shapes</li> </ul>		<ul style="list-style-type: none"> <li>Estimate answers</li> <li>Inverse operations</li> </ul> <p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Equal Groups</li> <li>Use arrays</li> <li>Multiples of 2,5 and 10</li> <li>The 3x table</li> <li>The 4x table</li> <li>The 8x table</li> </ul>	<ul style="list-style-type: none"> <li>Multiply and divide by 12</li> <li>Multiply and divide by 1 or 0</li> <li>Divide a number by 1 and itself</li> <li>Multiply 3 numbers</li> </ul>	<ul style="list-style-type: none"> <li>Comparing and ordering fractions less than 1</li> <li>Adding and subtracting fractions with the same denominator</li> <li>Adding fractions for a total greater than 1</li> <li>Adding two mixed numbers</li> <li>Subtracting fractions</li> <li>Subtracting from a mixed number</li> <li>Subtract two mixed numbers</li> </ul>	<ul style="list-style-type: none"> <li>Mixed questions with fractions</li> </ul>
Spring 1	<p><b>Place Value (Within 20)</b></p> <ul style="list-style-type: none"> <li>Count within 20</li> <li>Understand numbers up to 20</li> <li>Use a number line to 20</li> <li>Compare and order numbers to 20</li> </ul> <p><b>Addition and Subtraction (within 20)</b>  <a href="https://www.youtube.com/watch?v=2cpQzbL3Wxg">https://www.youtube.com/watch?v=2cpQzbL3Wxg</a></p> <ul style="list-style-type: none"> <li>Add by counting within 20</li> <li>Number bonds to 20</li> </ul> <p><a href="https://www.youtube.com/watch?v=UuQRMGtueHs">https://www.youtube.com/watch?v=UuQRMGtueHs</a></p> <ul style="list-style-type: none"> <li>Doubles &amp; Near Doubles</li> <li>Subtract using number bonds</li> <li>Missing number Problems</li> </ul> <p><b>Place Value (within 50)</b></p> <ul style="list-style-type: none"> <li>Count from 20 to 50</li> <li>Counting in 10s</li> <li>Grouping in 10s</li> <li>Partitioning 10s and 1s</li> <li>Number line to 50</li> <li>1 more, 1 less to 50</li> </ul>	<p><b>Money</b></p> <ul style="list-style-type: none"> <li>Count in pence and pounds</li> <li>Make the same amount</li> <li>Compare amounts of money</li> <li>Calculate amounts of money</li> <li>Calculate with money</li> <li>Make £1</li> <li>Finding change</li> <li>Two-Step Problems with money</li> </ul> <p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Recognise and make equal groups</li> <li>Add equal groups</li> <li>The multiplication symbol</li> <li>Multiplication sentences</li> <li>Using arrays</li> <li>Making equal groups and sharing</li> </ul>	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Multiples of 10</li> <li>Multiply a 2-digit number by a 1 digit number (no exchange)  <a href="https://www.youtube.com/watch?v=w8NfxbUurgM">https://www.youtube.com/watch?v=w8NfxbUurgM</a></li> <li>Divide a 2-digit by a 1 digit (no exchange)  <a href="https://www.youtube.com/watch?v=ADOaYiNp06c">https://www.youtube.com/watch?v=ADOaYiNp06c</a></li> <li>Scaling</li> <li>How many ways?</li> </ul> <p><b>Length and Perimeter</b></p> <ul style="list-style-type: none"> <li>Measure in cm, mm</li> <li>Equivalent lengths</li> <li>Compare lengths</li> <li>Add and Subtract lengths</li> <li>Measurement and calculate Perimeter</li> </ul>	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Factor pairs</li> <li>Use factor pairs</li> <li>Multiply and divide by 10, 100 and 1000</li> <li>Multiply a 2-digit and 3-digit number by a 1-digit number</li> <li>Divide and 2-digit and 3-digit number by a 1-digit number  <a href="https://www.youtube.com/watch?v=ADOaYiNp06c">https://www.youtube.com/watch?v=ADOaYiNp06c</a></li> <li>Efficient Multiplication</li> </ul> <p><b>Length and Perimeter</b></p> <ul style="list-style-type: none"> <li>Measure in km and m</li> <li>Perimeters on a grid</li> <li>Perimeters of rectilinear shapes</li> <li>Finding missing lengths</li> <li>Calculating perimeter of rectilinear shapes</li> <li>Perimeters of regular polygons</li> </ul>	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Multiply up to a 4-digit number by a 1-digit number</li> <li>Multiply a 2-digit number, a 3-digit number and a 4 digit number by a 2-digit number  <a href="https://www.youtube.com/watch?v=n1cs4Fs41ak">https://www.youtube.com/watch?v=n1cs4Fs41ak</a></li> <li>Solving problems with multiplication</li> <li>Short division</li> <li>Divide a 4-digit number by a 1-digit number</li> <li>Divide within remainders</li> <li>Efficient division</li> <li>Solve problems with multiplication and division</li> </ul> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Multiply a unit or non-unit fraction by an integer</li> <li>Calculate a fraction of a quantity</li> <li>Fractions of amounts</li> <li>Finding the whole</li> </ul>	<p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>Place value within 1</li> <li>Place value – integers and decimals</li> <li>Rounding decimals</li> <li>Adding and subtracting decimals</li> <li>Multiplying and dividing by 10, 100 and 1000</li> <li>Multiplying and dividing by integers</li> </ul> <p><b>Fractions, Decimals and Percentages</b></p> <ul style="list-style-type: none"> <li>Decimal and fraction equivalents</li> <li>Fractions to percentages</li> <li>Equivalent fractions, decimals and percentages</li> <li>Percentage of an amount</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>Line graphs</li> <li>Dual Bar Charts</li> <li>Reading and interpreting pie charts</li> <li>Pie charts with percentages</li> <li>The mean</li> </ul>
Spring 2	<p><b>Length and Height</b></p> <ul style="list-style-type: none"> <li>Compare lengths and heights</li> <li>Measure length using objects</li> <li>Measure length in cm</li> </ul> <p><b>Mass and Capacity</b></p> <ul style="list-style-type: none"> <li>Heavier and Lighter</li> <li>Measure &amp; Compare Mass</li> <li>Measure and Compare Capacity</li> </ul>	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>The 2x table</li> <li>Doubling and halving  <a href="https://www.youtube.com/watch?v=HHpWg7vZIPQ">https://www.youtube.com/watch?v=HHpWg7vZIPQ</a></li> <li>Odd and even numbers</li> <li>The 10x table</li> <li>The 5x table</li> </ul> <p><b>Fractions (old scheme)</b></p> <ul style="list-style-type: none"> <li>Make equal parts</li> <li>Recognise a half</li> <li>Find a 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{2}{4}</math></li> <li>Find <math>\frac{3}{4}</math></li> <li>Count in fractions</li> </ul>	<p><b>Fractions A</b></p> <ul style="list-style-type: none"> <li>Denominators of unit fractions</li> <li>Compare and order unit fractions</li> <li>Understanding numerators of non-unit fractions</li> <li>Understanding the whole</li> <li>Fractions and scales</li> <li>Fractions on a number line</li> <li>Counting and finding equivalent fractions on a number line</li> <li>Equivalent fractions as bar models</li> </ul> <p><b>Fractions B</b></p> <ul style="list-style-type: none"> <li>Tenths</li> <li>Tenths as a decimal</li> <li>Fractions on a number line</li> <li>Fractions as a set of objects</li> <li>Identify equivalent fractions</li> <li>Order and Compare fractions</li> <li>Add and subtract fractions</li> </ul>	<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Understanding the whole</li> <li>Partitioning a mixed number</li> <li>Number lines with mixed numbers</li> <li>Comparing and ordering fractions</li> <li>Understanding and converting between improper fractions and mixed numbers</li> <li>Equivalent fraction families</li> <li>Adding and subtracting two or more fractions</li> <li>Adding and subtracting fractions and mixed numbers</li> </ul> <p><b>Decimals A</b></p> <ul style="list-style-type: none"> <li>Tenths as fractions and decimals</li> <li>Tenths on a place value chart</li> </ul>	<p><b>Decimals and Percentages</b></p> <ul style="list-style-type: none"> <li>Decimals up to 3 places  <a href="https://www.youtube.com/watch?v=V6ayW5v_A_w">https://www.youtube.com/watch?v=V6ayW5v_A_w</a></li> <li>Equivalent fractions and decimals in tenths and hundredths</li> <li>Thousandths as fractions and decimals</li> <li>Order and compare decimals</li> <li>Round to the nearest whole</li> <li>Round to 1 decimal place</li> <li>Understanding percentages</li> <li>Percentages as fractions and decimals</li> <li>Equivalent fractions, decimals and percentages</li> </ul> <p><b>Area and Perimeter</b></p> <ul style="list-style-type: none"> <li>Rectangles and rectilinear shapes</li> </ul>	<p><b>Area, Perimeter and Volume</b></p> <ul style="list-style-type: none"> <li>Shapes with the same area</li> <li>Area and Perimeter</li> <li>Areas of a triangle</li> <li>Areas of parallelograms</li> <li>Volumes of a cuboid</li> </ul> <p><b>Ratio</b></p> <ul style="list-style-type: none"> <li>Add or multiply</li> <li>Using ratio language</li> <li>Ratio and fractions</li> <li>Scale drawing</li> <li>Similar shapes</li> <li>Ratio problems</li> <li>Proportion problems</li> <li>Recipes</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>1-step function machines</li> <li>2-step function machines</li> <li>Form expressions</li> <li>Substitution</li> </ul>

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			<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Tenths on a number line</li> <li>• Divide a 1-digit and 2-digit number by 10</li> <li>• Hundredths as fractions</li> <li>• Hundredths as decimals</li> <li>• Dividing a 1-digit or 2-digit number by 100</li> </ul>	<ul style="list-style-type: none"> <li>• Perimeters of polygons</li> <li>• Area of rectangles</li> <li>• Area of compound shapes</li> <li>• Estimate area</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• Draw line graphs</li> <li>• Read and interpret line graphs</li> <li>• Read and interpret tables</li> <li>• Two-way tables</li> <li>• Read and interpret timetables</li> </ul>	<ul style="list-style-type: none"> <li>• Formulae</li> <li>• Form equations</li> <li>• Solve 1-step problems</li> <li>• Solve 2-step equations</li> <li>• Solve problems with two unknowns</li> </ul>
<b>Summer 1</b>	<p><b>Multiplication &amp; division</b></p> <ul style="list-style-type: none"> <li>• Count in 2's 5's and 10's</li> <li>• Make equal groups</li> <li>• Add equal groups</li> <li>• Make arrays</li> </ul> <p><a href="https://www.youtube.com/watch?v=XnZrI9w1k">https://www.youtube.com/watch?v=XnZrI9w1k</a></p> <ul style="list-style-type: none"> <li>• Make doubles</li> <li>• Grouping and Sharing</li> </ul> <p><a href="https://www.youtube.com/watch?v=uxiPRkToHL8">https://www.youtube.com/watch?v=uxiPRkToHL8</a></p> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>• Make and find a half</li> <li>• Make and find a quarter</li> </ul>	<p><b>Length and Height</b></p> <ul style="list-style-type: none"> <li>• Recap Year 1 objectives</li> <li>• Measure length in cm and m</li> <li>• Compare lengths</li> <li>• Order lengths</li> <li>• Four operations with lengths</li> </ul> <p><b>Mass, Capacity and Temperature (new scheme)</b></p> <ul style="list-style-type: none"> <li>• Compare mass and capacity</li> <li>• Measure in g and kg</li> <li>• Measure in ml and l</li> <li>• Four operations with mass and capacity</li> </ul> <p>Measuring Temperature</p>	<p><b>Mass and Capacity</b></p> <ul style="list-style-type: none"> <li>• Using Scales</li> <li>• Measure mass in grams</li> <li>• Measure mass in kilograms and grams</li> <li>• Equivalent mass</li> <li>• Measure capacity and volume in ml and l</li> <li>• Compare capacity and volume</li> <li>• Add and subtract capacity and volume</li> </ul> <p><b>Money (old scheme)</b></p> <ul style="list-style-type: none"> <li>• Count money (pence)</li> <li>• Count money (pounds)</li> <li>• Pounds and pence</li> <li>• Convert pounds and pence</li> <li>• Add money</li> <li>• Subtract money</li> <li>• Give change</li> </ul>	<p><b>Decimals B (old scheme)</b></p> <ul style="list-style-type: none"> <li>• Make a whole</li> <li>• Write decimals</li> <li>• Compare decimals</li> <li>• Order decimals</li> <li>• Round decimals</li> <li>• Halves and quarters</li> </ul> <p><b>Money</b></p> <ul style="list-style-type: none"> <li>• Pounds and Pence</li> <li>• Ordering money</li> <li>• Estimating money</li> <li>• Recap Year 2 objectives</li> <li>• Working with money</li> <li>• Four operations with money</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Recap Year 3 objectives</li> <li>• Hours, minutes and seconds</li> <li>• Years, months, weeks and days</li> <li>• Analogue to digital times in both 12 and 24 hour clocks</li> <li>•</li> </ul>	<p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>• Adding decimals within 1</li> <li>• Subtracting decimals within 1</li> <li>• Complements to 1</li> <li>• Adding decimals – crossing the whole</li> <li>• Adding decimals with the same number of decimal places</li> <li>• Subtracting decimals with the same number of decimal places</li> <li>• Adding decimals with a different number of decimal places</li> <li>• Subtracting decimals with a different number of decimal places</li> <li>• Adding a subtracting wholes</li> <li>• Decimal sequences</li> <li>• Multiplying decimals by 10,100,1000</li> <li>• Dividing decimals by 10, 100, 1000</li> </ul> <p><b>Properties of shapes</b></p> <ul style="list-style-type: none"> <li>• Recap Year 4 objectives</li> <li>• Measuring angles in degrees</li> <li>• Measuring with a protractor</li> <li>• Drawing lines and angles accurately</li> <li>• Calculating angles on a straight line</li> <li>• Calculating angles around a point</li> <li>• Calculating lengths and angles in shapes</li> </ul>	<p><b>Properties of Shape</b></p> <ul style="list-style-type: none"> <li>• Measuring with a protractor</li> <li>• Introducing angles</li> <li>• Calculating angles</li> <li>• Angles in a triangle</li> <li>• Angles in special quadrilaterals</li> <li>• Drawing shapes accurately</li> <li>• Drawing 3-D nets</li> </ul> <p><b>Converting Units</b></p> <ul style="list-style-type: none"> <li>• Metric Measures</li> <li>• Converting metric measures</li> <li>• Calculating metric measures</li> <li>• Miles and kilometres</li> <li>• Imperial Measures</li> </ul> <p><b>Position and Direction</b></p> <ul style="list-style-type: none"> <li>• The first quadrant</li> <li>• Four quadrants</li> <li>• Translations</li> <li>• Reflections</li> </ul>
<b>Summer 2</b>	<p><b>Position and Direction</b></p> <ul style="list-style-type: none"> <li>• Describing position and turns</li> </ul> <p><b>Place Value (within 100)</b></p> <ul style="list-style-type: none"> <li>• Counting to 100 in 10s</li> <li>• Partitioning Numbers</li> <li>• Comparing and ordering numbers</li> <li>• 1 more and 1 less</li> </ul> <p><b>Money</b></p> <ul style="list-style-type: none"> <li>• Recognising coins</li> <li>• Recognising notes</li> </ul>	<p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Recap Year 1 objectives</li> <li>• O'clock and half past</li> <li>• Quarter past and quarter to</li> <li>• Telling time to 5 minutes</li> <li>• Hours and Days</li> <li>• Durations of time.</li> </ul> <p><b>Statistics (Old scheme)</b></p> <ul style="list-style-type: none"> <li>• Making tally charts</li> <li>• Drawing pictograms</li> <li>• Interpreting pictograms</li> </ul> <p><b>Position and direction</b></p> <ul style="list-style-type: none"> <li>• Recap Year 1 objectives</li> </ul>	<p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Recap Year 2 objectives</li> <li>• Months and years</li> <li>• Hours in a day</li> <li>• Telling time to 1 minute</li> <li>• Using a.m. and p.m.</li> <li>• The 24 hour clock</li> <li>• Finding and comparing durations</li> <li>• Start and end times</li> <li>• Measuring time in seconds</li> <li>• Problem solving with time</li> </ul> <p><b>Properties of Shape</b></p> <ul style="list-style-type: none"> <li>• Turns and angles</li> </ul>	<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• Interpreting charts</li> <li>• Comparisons, sums and differences</li> <li>• Introducing line graphs</li> </ul> <p><b>Properties of Shape</b></p> <ul style="list-style-type: none"> <li>• Recap Year 3 Objectives</li> <li>• Identify angles</li> <li>• Compare and order angles</li> <li>• Triangles</li> </ul>	<p><b>Position and direction</b></p> <ul style="list-style-type: none"> <li>• Recap Year 4 objectives</li> <li>• Position in the first quadrant</li> <li>• Translation</li> <li>• Translation with coordinates</li> <li>• Reflection</li> <li>• Reflection with coordinates</li> </ul> <p><b>Converting Units</b></p> <ul style="list-style-type: none"> <li>• Kg and Km</li> <li>• Mm and ml</li> <li>• Metric units</li> <li>• Imperial units</li> <li>• Converting units of time</li> </ul>	<b>Consolidation</b>

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	<ul style="list-style-type: none"> <li>Counting in coins</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>Before and after</li> <li>Dates</li> <li>Time to the hour</li> <li>Time to the next half hour</li> <li>Writing time</li> <li>Comparing time</li> </ul>	<ul style="list-style-type: none"> <li>Describing movement and turns</li> </ul> <p><b>Consolidation of skills for Year 2 SATS</b></p>	<ul style="list-style-type: none"> <li>Right angles in shapes</li> <li>Compare angles</li> <li>Draw accurately</li> <li>Parallel and perpendicular</li> <li>Horizontal and vertical</li> <li>Recognise and describe 2-D and 3-D shapes</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>Recap Year 2 objectives</li> <li>Pictograms</li> <li>Drawing Bar Charts</li> <li>Interpreting Bar charts and tables</li> </ul>	<ul style="list-style-type: none"> <li>Symmetry</li> </ul> <p><b>Position and Direction</b></p> <ul style="list-style-type: none"> <li>Describing position</li> <li>Drawing on a grid</li> <li>Moving on a grid</li> </ul>	<ul style="list-style-type: none"> <li>Timetables</li> </ul> <p><b>Volume</b></p> <ul style="list-style-type: none"> <li>Comparing Volume</li> <li>Estimating Volume</li> <li>Estimate capacity</li> </ul>	
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