

Year 3 Maths Base Curriculum Yearly Overview

Autumn Term	Week 1 - 3 BLOCK 1	Week 4 - 8 BLOCK 2	Week 9 - 11 BLOCK 4	Week 12
	Number: Place Value	Number: Addition and Subtraction	Number: Multiplication and Division	Consolidation
White Rose Maths Small Steps	<ul style="list-style-type: none"> <li>Hundreds.</li> <li>Represent numbers to 1,000.</li> <li>100s, 10s and 1s (1).</li> <li>100s, 10s and 1s (2).</li> <li>Number line to 1,000.</li> <li>Find 1, 10, 100 more or less than a given number.</li> <li>Compare objects to 1,000.</li> <li>Compare numbers to 1,000.</li> <li>Order numbers.</li> <li>Count in 50s.</li> </ul>	<ul style="list-style-type: none"> <li>Add and subtract multiples of 100.</li> <li>Add and subtract 3-digit numbers and ones – not crossing 10.</li> <li>Add 3-digit and 1-digit numbers – crossing 10.</li> <li>Subtract a 1-digit number from a 3-digit number – crossing 10.</li> <li>Add and subtract 3-digit numbers and tens – not crossing 100.</li> <li>Add a 3-digit number and tens – crossing 100.</li> <li>Add and subtract 100s.</li> <li>Spot the pattern – making it explicit.</li> <li>Add and subtract a 2-digit and 3-digit number – not crossing 10 or 100.</li> <li>Add a 2-digit and 3-digit number – crossing 10 or 100.</li> <li>Subtract 2-digit number from a 3-digit number cross the 10 or 100.</li> <li>Add two 3-digit numbers – not crossing 10 or 100.</li> <li>Add two 3-digit numbers – crossing 10 or 100.</li> <li>Subtract a 3-digit number from a 3-digit number – no exchange.</li> <li>Subtract a 3-digit number from a 3-digit number – exchange.</li> <li>Exchange answers to calculations.</li> <li>Check.</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication – equal groups.</li> <li>Multiplying by 3.</li> <li>Dividing by 3.</li> <li>The 3 times-table.</li> <li>Multiplying by 4.</li> <li>Dividing by 4.</li> <li>The 4 times-table.</li> <li>Multiplying by 8.</li> <li>Dividing by 8.</li> <li>The 8 times-table.</li> </ul>	All
National Curriculum Link	<ul style="list-style-type: none"> <li>Identify, represent and estimate numbers using different representations.</li> <li>Find 10 or 100 more or less than a given number.</li> <li>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).</li> <li>Compare and order numbers up to 1000.</li> <li>Read and write numbers up to 1000 in numerals and in words.</li> <li>Solve number problems and practical problems involving these ideas.</li> <li>Count from 0 in multiples of 4, 8, 50 and 100.</li> </ul>	<ul style="list-style-type: none"> <li>Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens, a three digit number and hundreds.</li> <li>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.</li> <li>Estimate the answer to a calculation and use inverse operations to check answers.</li> <li>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</li> </ul>	<ul style="list-style-type: none"> <li>Count from 0 in multiples of 4, 8, 50 and 100.</li> <li>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</li> <li>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</li> <li>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objectives.</li> </ul>	All

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Spring Term	Week 1 - 3 BLOCK 1	Week 4 BLOCK 2	Week 5 - 6 BLOCK 6	Week 7 - 9 BLOCK 4	Week 10 - 11 BLOCK 5	Week 12
	Number: Multiplication and Division	Measurement: Money	Statistics	Measurement: Length and Perimeter	Number: Fractions	Consolidation
White Rose Maths Small Steps	<ul style="list-style-type: none"> <li>Comparing statements.</li> <li>Related calculations.</li> <li>Multiply 2-digits by 1-digit (1).</li> <li>Multiply 2-digits by 1-digit (2).</li> <li>Divide 2-digits by 1-digit (1).</li> <li>Divide 2-digits by 1-digit (2).</li> <li>Divide 2-digits by 1-digit (3).</li> <li>Scaling.</li> <li>How many ways?</li> </ul>	<ul style="list-style-type: none"> <li>Pounds and pence.</li> <li>Converting pounds and pence.</li> <li>Adding money.</li> <li>Subtracting money.</li> <li>Giving change.</li> </ul>	<ul style="list-style-type: none"> <li>Pictograms.</li> <li>Bar charts.</li> <li>Tables.</li> </ul>	<ul style="list-style-type: none"> <li>Measure length.</li> <li>Equivalent lengths – m &amp; cm.</li> <li>Equivalent lengths – mm &amp; cm.</li> <li>Compare lengths.</li> <li>Add lengths.</li> <li>Subtraction lengths.</li> <li>Measure perimeter.</li> <li>Calculate perimeter.</li> </ul>	<ul style="list-style-type: none"> <li>Unit and non-unit fractions.</li> <li>Making the whole.</li> <li>Tenths.</li> <li>Count in tenths.</li> <li>Tenths as decimals.</li> <li>Fractions of a number line.</li> <li>Fractions of a set of objects (1).</li> <li>Fractions of a set of objects (2).</li> <li>Fractions of a set of objects (3).</li> </ul>	All
National Curriculum Link	<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</li> <li>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</li> <li>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objectives.</li> </ul>	<ul style="list-style-type: none"> <li>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</li> </ul>	<ul style="list-style-type: none"> <li>Interpret and present data using bar charts, pictograms and tables.</li> <li>Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.</li> </ul>	<ul style="list-style-type: none"> <li>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).</li> <li>Measure the perimeter of simple 2D shapes.</li> </ul>	<ul style="list-style-type: none"> <li>Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers and quantities by 10.</li> <li>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</li> <li>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</li> <li>Solve problems that involve all of the above.</li> </ul>	All

Year 3 Maths Base Curriculum Yearly Overview

Summer Term	Week 1 - 3 BLOCK 1	Week 4 - 6 BLOCK 2	Week 7 - 8 BLOCK 3	Week 9 - 11 BLOCK 4	Week 12
	Number: Fractions	Measurement: Time	Geometry: Property of Shapes	Measurement: Mass and Capacity	Consolidation
White Rose Maths Small Steps	<ul style="list-style-type: none"> <li>Equivalent fractions (1).</li> <li>Equivalent fractions (2).</li> <li>Equivalent fractions (3).</li> <li>Compare fractions.</li> <li>Order fractions.</li> <li>Add fractions.</li> <li>Subtract fractions.</li> </ul>	<ul style="list-style-type: none"> <li>Months and years.</li> <li>Hours in a day.</li> <li>Telling the time to 5 minutes.</li> <li>Telling the time to the minute.</li> <li>AM and PM.</li> <li>24 hour clock.</li> <li>Finding the duration.</li> <li>Comparing the duration.</li> <li>Start and end times.</li> <li>Measuring time in seconds.</li> </ul>	<ul style="list-style-type: none"> <li>Turns and angles.</li> <li>Right angles in shapes.</li> <li>Compare angles.</li> <li>Draw accurately.</li> <li>Horizontal and vertical.</li> <li>Parallel and perpendicular.</li> <li>Recognise and describe 2D shapes.</li> <li>Recognise and describe 3D shapes.</li> <li>Make 3D shapes.</li> </ul>	<ul style="list-style-type: none"> <li>Measure mass (1).</li> <li>Measure mass (2).</li> <li>Compare mass.</li> <li>Add and subtract mass.</li> <li>Measure capacity (1).</li> <li>Measure capacity (2).</li> <li>Compare capacity.</li> <li>Add and subtract capacity.</li> </ul>	All
National Curriculum Link	<ul style="list-style-type: none"> <li>Recognise and show, using diagrams, equivalent fractions with small denominators.</li> <li>Compare and order unit fractions, and fractions with the same denominators.</li> <li>Add and subtract fractions with the same denominator within one whole [for example, <math>\frac{5}{7} + \frac{1}{7} = \frac{6}{7}</math>].</li> <li>Solve problems that involve all of the above.</li> </ul>	<ul style="list-style-type: none"> <li>Tell and write the time from an analogue clock, including using Roman numerals from I to XII and 12-hour and 24-hour clocks.</li> <li>Estimate and read time with increasing accuracy to the nearest minute.</li> <li>Record and compare time in terms of seconds, minutes and hours.</li> <li>Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.</li> <li>Know the number of seconds in a minute and the number of days in each month, year and leap year.</li> <li>Compare durations of events [for example to calculate the time taken by particular events or tasks].</li> </ul>	<ul style="list-style-type: none"> <li>Recognise angles as a property of shape or a description of a turn.</li> <li>Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.</li> <li>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</li> <li>Draw 2-D shapes and make 3-D shapes using modelling materials.</li> <li>Recognise 3-D shapes in different orientations and describe them.</li> </ul>	<ul style="list-style-type: none"> <li>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).</li> </ul>	All