



Year 3 Maths - Autumn Term

		Week 1-3 Block 1	Week 4-8 Block 2	Week 9-12 Block 4
		Number: Place Value	Number: Addition and Subtraction	Number: Multiplication and Division
White Rose Small Steps		<ul style="list-style-type: none"> • Represent numbers to 100 • Partition numbers to 100 • Number line to 100 • Hundreds • Represent numbers to 1000 • Partition numbers to 1,000 • Flexible partitioning of numbers to 1,000 • Hundreds, tens and ones • Find 1, 10 or 100 more or less • Number line to 1000 • Estimate on a number line to 1,000 • Compare numbers to 1000 • Order numbers to 1000 • Count in 50s forwards and backwards from any given multiple of 50. 	<ul style="list-style-type: none"> • Apply number bonds within 10 • Add and subtract 1s • Add and subtract 10s • Add and subtract 100s • Spot the pattern • Add 1s across a 10 • Add 10s across a 100 • Subtract 1s across a 10 • Subtract 10s across a 100 • Make connections • Add two numbers (no exchange) • Subtract two numbers (no exchange) • Add two numbers (across a 10) • Add two numbers (across a 100) • Subtract two numbers (across a 10) • Subtract two numbers (across a 100) • Add 2-digit and 3-digit numbers • Subtract a 2-digit number from a 3-digit number • Complements to 100 • Estimate answers • Inverse operations • Make decisions <p>Expanded column method and compact column method for addition and subtraction</p> <p>Revisit small steps for addition and subtraction in starters to support consolidation</p>	<ul style="list-style-type: none"> • Multiplication - equal groups (for example: six equal groups with four in each group = 6×4) • Use arrays • Multiples of 2 • Multiples of 5 and 10 • Sharing and grouping • Multiplying by 3 • Dividing by 3 • The 3 times table • Multiplying by 4 • Dividing by 4 • The 4 times table • Multiplying by 8 • Dividing by 8 • The 8 times table • The 2, 4 and 8 times-tables



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| <ul style="list-style-type: none">• Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)• Find 10 or 100 more or less than a given number• Identify, represent and estimate numbers using different representations• Compare and order numbers up to 1000• Read and write numbers up to 1000 in numerals and in words• Solve number problems and practical problems involving these ideas.• Count from 0 in multiples of 4, 8, 50 and 100 | <ul style="list-style-type: none">• Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction• Estimate the answer to a calculation and use inverse operations to check answers• Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction | <ul style="list-style-type: none">• Count from 0 in multiples of 4, 8, 50 and 100• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables• Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods• 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 objects |
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Year 3 Maths – Spring Term

	Week 1-3 Block 1	Week 4-6 Block 2	Week 7-9 Block 3	Week 10-12 Block 4
	Number: Multiplication and Division	Measurement: Length and Perimeter	Number: Fractions	Measurement: Mass and Capacity
White Rose Small Steps	<ul style="list-style-type: none"> Comparing statements (for example $8 \times 3 < 7 \times 4$) Related calculations – fact families (for example $2 \times 6 = 12$ so $2 \times 60 = 120$) Multiply 2-digits by 1-digit – use repeated addition and partitioning followed by short multiplication Divide 2-digits by 1-digit using partitioning Scaling How many ways? 	<ul style="list-style-type: none"> Measure length Equivalent lengths – m and cm Equivalent lengths – mm and cm Compare lengths Add lengths Subtract lengths Measure perimeter Calculate perimeter 	<ul style="list-style-type: none"> Unit and non-unit fractions Making the whole (for example 1 whole is the same as $\frac{4}{4}$) Tenths Count in tenths Tenths as decimals Fractions on a number line Fractions of a set of objects 	<ul style="list-style-type: none"> Measure mass Compare mass Add and subtract mass Measure capacity Compare capacity Add and subtract capacity
National Curriculum	<ul style="list-style-type: none"> Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods 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 objects 	<ul style="list-style-type: none"> Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Measure the perimeter of simple 2-D shapes 	<ul style="list-style-type: none"> Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators 	<ul style="list-style-type: none"> Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)



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		<ul style="list-style-type: none">• Solve problems that involve all of the above•	
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Year 3 Maths – Summer Term

	Week 1-2 Block 1	Week 3-4 Block 2	Week 5-7 Block 3	Week 8-9 Block 4	Week 10-11	Week 12
	Number: Fractions	Measurement: Money	Measurement: Time	Geometry: Properties of Shape	Statistics	Consolidation
White Rose Small Steps	<ul style="list-style-type: none"> Equivalent fractions Compare fractions Order fractions Add fractions Subtract fractions 	<ul style="list-style-type: none"> Pounds and pence Converting pounds and pence Adding money Subtracting money Giving change 	<ul style="list-style-type: none"> Months and years Hours in a day Telling the time to 5 minutes Telling the time to the minute AM and PM 24 hour clock Finding the duration Comparing the duration Start and end times Measuring time in seconds 	<ul style="list-style-type: none"> Turns and angles Right angles in shapes Compare angles Draw accurately Horizontal and vertical Parallel and perpendicular Recognise and describe 2-D shapes Recognise and describe 3-D shapes <p>Make 3-D shapes</p>	<ul style="list-style-type: none"> Pictograms Bar charts Tables 	All
National Curriculum	<ul style="list-style-type: none"> Recognise and show, using diagrams, equivalent fractions with small denominators Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$] Compare and order unit fractions, and fractions with 	<ul style="list-style-type: none"> Add and subtract amounts of money to give change, using both £ and p in practical contexts 	<ul style="list-style-type: none"> Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks Estimate and read time with increasing accuracy to the nearest minute Record and compare time in terms of seconds, minutes and hours Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight 	<ul style="list-style-type: none"> Recognise angles as a property of shape or a description of a turn 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 Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. Draw 2-D shapes and make 3-D shapes using modelling materials Recognise 3-D shapes in different orientations and describe them 	<ul style="list-style-type: none"> Interpret and present data using bar charts, pictograms and tables 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 	All



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<p>the same denominators</p> <ul style="list-style-type: none">• Solve problems that involve all of the above.		<ul style="list-style-type: none">• Know the number of seconds in a minute and the number of days in each month, year and leap year• Compare durations of events [for example to calculate the time taken by particular events or tasks].			
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