

		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 Small Steps		<ul style="list-style-type: none"> • Hundreds • Represent numbers to 1000 • 100s, 10s and 1s • Number line to 1000 • Find 1, 10, 100 more or less than a given number • Compare objects to 1000 • Compare numbers to 1000 • Order numbers • Count in 50s forwards and backwards from any given multiple of 50. 	<ul style="list-style-type: none"> • Add and subtract multiples of 100 • Add and subtract 3-digit numbers and ones – no exchange (e.g. $214 - 3$) • Add 3-digit and 1-digit numbers – an exchange with the tens (e.g. $357 + 8$) • Subtract a 1-digit number from a 3-digit number – an exchange with the tens (e.g. $132 - 8$) • Add and subtract 3-digit numbers and tens using mental strategies – no exchange with the hundreds (e.g. $293 - 60$) • Add a 3-digit number and tens using mental strategies – an exchange with the hundreds (e.g. $276 + 40$) • Add and subtract 100s • Spot the pattern – What is the same/different? (e.g. $251 + 2$ and $253 - 2$) • Add and subtract a 2-digit and 3-digit number – no exchange (e.g. $544 + 23$) • Add a 2-digit number and a 3-digit number – an exchange with tens or hundreds (e.g. $317 + 46$) • Subtract a 2-digit number from a 3-digit number – an exchange with the tens or hundreds (e.g. $321 - 80$) • Add two 3-digit numbers – no exchange (e.g. $321 + 223$) • Add two 3-digit numbers – an exchange with the tens or hundreds (e.g. $455 + 436$) • Subtract a 3-digit number from a 3-digit number – no exchange (e.g. $342 - 322$) • Subtract a 3-digit number from a 3-digit number – exchange (e.g. $683 - 234$) • Exchange answers to calculations • Check <p>Expanded column method and compact column method for addition and subtraction</p>	<ul style="list-style-type: none"> • Multiplication – equal groups (for example: six equal groups with four in each group = 6×4) • 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 	All
	National Curriculum		<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

	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 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"> Pounds and pence Converting pounds and pence Adding money Subtracting money Giving change 	<ul style="list-style-type: none"> Pictograms Bar charts Tables 	<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 	All
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"> Add and subtract amounts of money to give change, using both £ and p in practical contexts 	<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 	<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 Solve problems that involve all of the above 	All

		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: Properties of Shape	Measurement: Mass and Capacity	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"> 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 Make 3-D shapes 	<ul style="list-style-type: none"> Measure mass Compare mass Add and subtract mass Measure capacity Compare capacity Add and subtract capacity 	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 the same denominators Solve problems that involve all of the above. 	<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 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]. 	<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"> Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) 	All



Year 3 Maths – Summer Term

