Long Term Mathematics Planning Year 3

		Objective title	Focus
Autumn	1	Number, place value and rounding	I can compare and order numbers up to 1000. I can read and write numbers to at least 1000 in numerals and words. I can compare and order numbers up to 1000. I can recognise the place value of each digit in a 3 digit number. I can find 10 or 100 more or less than a given number. I can count from 0 in multiples of 50 and 100.
	2	Solving problems using written & mental calculation	I can + and—numbers mentally - '3 digit number and hundreds'. I can add and subtract numbers mentally - '3 digit number and tens'. I can add and subtract numbers mentally - '3 digit number and ones'.
	3	Geometric problem solving and reasoning	I can identify whether angles are greater than or less than a right angle. I can identify right angles. I can recognise and describe 3-D shapes in different orientations. I can make 3-D shapes using modelling materials. I can draw 2-D shapes.
	4	Multiplication and Division	I can recall and use X and ÷ facts for the 3 times tables.
	5	Addition and Subtraction, written & mental calculation	I can add and subtract numbers mentally - '3 digit number and ones'. I can add and subtract numbers mentally - '3 digit number and tens'. I can + and—numbers mentally - '3 digit number and hundreds'. I can + and - numbers with up to 3 digits using an efficient written method, column method I can estimate the answer to a calculation and use inverse operations to check answers.
Spring	1	Data handling & problem solving	I can interpret data presented in many contexts. I can solve one step problems such as 'How many more? How many fewer?' I can interpret and present data using tables. I can interpret and present data using pictograms.
	2	Geometry & Angles	I know that 2 right angles make a half turn, 3 make 3/4 of a turn and 4 make a complete turn. I can recognise angles as a property of shapes and associate angles with turning.
	3	Measures , time and volume	I can compare time in terms of seconds, minutes and hours. I can tell and write the time from an analogue clock and 24 hour clock, to the nearest minute. I can + and– amounts of money to give change using £ and p. I can measure, compare, add and subtract volume/capacity (l/ml).
	4	Equivalent fractions and fractions of numbers	I can recognise and show, using diagrams, equivalent fractions. I can recognise and use fraction as numbers.
	5	Written methods for multiplication Mental recall for 4/8x	I can use efficient written methods to X a 2 digit and 1 digit number. I can use mental strategies to multiply a 2 digit number by a 1 digit. I can recall and use X and ÷ facts for the 4 and 8 times tables.
	6	Solving number problems, addition and subtraction	I can solve missing number problems for + and –. I can solve word problems for + and –. I can count from 0 in multiples of 4 and 8. I can estimate the answer to a calculation and use inverse operations to check answers. I can add and subtract numbers with up to 3 digits using an efficient written method, column method
Summer	1	Solving number problems and representing number in different context	I can solve number problems and practical problems. I can identify, represent and estimate numbers in different contexts.
	2	Solving multiplication and division problems	I can solve missing number problems using multiplication and division. I can solve problems using multiplication and division. I can calculate mathematical statements for X and ÷ facts that I know.
	3	Roman numerals, comparing durations and mass.	I can compare durations of events. I can recognise and write the Roman numerals from I to XII—liked to a clock. I can measure, compare, add and subtract mass (kg/g).
	4	Geometry, different lines	I can identify horizontal, vertical, perpendicular and parallel lines in relation to other lines.
	5	Data Handling	I can use simple scales (e.g. 2,5,10 units per cm) in pictograms and bar charts. I can solve two step problems such as 'How many more? How many fewer?' I can interpret and present data using bar charts.