Year 3

Weeks	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	**Place Value** Count from 0 in multiples of 4,8, 50 and 100 Find 10 or 100 more or less than a given number; Identify, represent and estimate numbers using different representations. Read and write numbers up to 1000 in numerals and in words. Recognise the place value of each digit in a three digit number (hundreds, tens, ones). Compare and order numbers up to 1000 Solve number problems and practical problems involving these ideas.			**Addition and Subtraction** 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.					**Multiplication and Division A** 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 they know, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written method.		

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Spring	**Multiplication and Division B** 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 methods and written methods.			**Measures Length and Perimeter** Measure, compare, add and subtract: lengths (m/cm/mm); Measure the perimeter of simple 2D Shapes Addition and subtraction in different contexts.			**Fractions A** 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 denominator. Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominator. Solve problems that involve all of the above.			**Measures - Mass and Capacity** Measure compare, add and subtract lengths mass (kg/g) volume and capacity(l/ml)		

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Summer	**Fractions B** Recognise and show, using diagrams, equivalent fractions with small denominators. Compare and order unit fractions, and fractions with the same denominators. Add and subtract fractions with the same denominator within one whole. Solve problems that involve all of the above.		**Money** Add and subtract amounts of money to give change both in £ and p in practical contexts.		**Measures - Time** 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, am/pm, 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 calculate the time taken by particular events or tasks			**Geometry** 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 lines and vertical lines and pairs of perpendicular and parallel lines Draw 2D shapes Make 3D shapes using modelling materials in different orientations and describe them		**Statistics** 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.	