

Autumn term

Area	Year 3	Year 4
Place Value	I can count from 0 in multiples of 4, 8, 50 and 100	I can count in multiples of 6,7,9, 25 and 100
	I can compare and order numbers up to 1,000	I can order and compare numbers beyond 1000
	I can read and write numbers to 1000 in numerals and words	
		I can round any number to 10, 100 and 1000
	I can find 10 or 100 more of a given number	I can find 1000 more or less than a given number.
	I can recognise the place value of each digit in a 3 digit number	I can recognise the place value of each digit in a 4 digit number
Addition and Subtraction	I can add and subtract mentally including: - a 3 digit number and ones/10s/100s	I can estimate and use inverse operations to check answers to a calculation
	I can add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction	I can add and subtract numbers with up to 4 digits, using the written methods of columnar addition and subtraction
	I can estimate the answer to a calculation and use the inverse to check	I can estimate and use inverse operations to check answers to a calculation
Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Recall multiplication and division facts for tables up to 12 x 12
	I can write and calculate mathematical statements for multiplication and division, using the multiplication tables, including for 2 digit numbers, using mental and progressing to formal written methods.	I can use place value, known and derived facts to multiply and divide mentally, including multiplying by 0 and 1; dividing by 1
	Multiply two digit and 3 digit numbers by a 1 digit number, using formal written layout.	I can multiply 2 digit numbers by a 2 digit number using a formal method I can use informal pencil and paper methods and practical representation of the division process to divide two digit and three digit numbers by a one digit number.
Measuring and calculating: Length	I can measure, compare, add and subtract lengths:-	I can estimate, compare and convert different lengths. Know and use relationships between units
	Measure the perimeter of simple 2D shapes	Measure and calculate the perimeter of a rectilinear figure and other simple shapes in m, cm and mm. record lengths using decimal notation
Area		Find the area of rectilinear shapes by counting squares.
Problem-solving	Choose an appropriate number operation and calculation method to solve one-step word problems.	Choose appropriate number operations and calculation methods to solve measurement word problems with one or more steps.
Picture graphs and bar graphs	I can interpret and present data, using bar charts, pictograms and tables	I can interpret and present discrete and continuous data, using appropriate graphical methods, including bar charts and time graphs
	I can solve one and two-step problems using information presented in scaled bar charts, pictograms and tables	I can solve comparison, sum and difference problems, using information presented in bar charts, pictograms, tables and other graphs

\*Calculation skills, problem solving and investigations will be taught alongside topics throughout the year.

\*\* Teacher assessment will result in occasional changes to coverage during the term.