



## Maths Year 3

Strand of maths	Term 1	Term 2	Term 3
Number –Number and Place Value	<p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p> <p>Identify, represent and estimate numbers using different representations.</p> <p>Read and write numbers up to 1000 in numerals and in words Solve number problems and practical problems involving these ideas.</p>	<p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p> <p>Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</p> <p>Compare and order numbers up to 1000</p>	<p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p> <p>Compare and order numbers up to 1000</p>
Number- Addition	<p>Add and subtract numbers mentally, including: a three-digit number and ones a three-digit number and tens a three-digit number and hundreds</p> <p>Add and subtract numbers with up to three digits, using formal written methods of column addition and subtraction</p>	<p>Add and subtract numbers with up to three digits, using formal written methods of column addition and subtraction</p> <p>Estimate the answer to a calculation and use inverse operations to check answers</p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p>Use the inverse relationship between addition and subtraction to check calculations and to solve missing numbers.</p>	<p>Add and subtract numbers with up to three digits, using formal written methods of column addition and subtraction.</p> <p>Estimate the answer to a calculation and use inverse operations to check answers</p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p>Use the inverse relationship between addition and subtraction to check calculations and to solve missing numbers.</p>
Number - Subtraction	<p>Add and subtract numbers mentally, including: a three-digit number and ones</p>	<p>Add and subtract numbers with up to three digits, using formal written methods of column addition and subtraction</p>	<p>Add and subtract numbers with up to three digits, using formal written methods of column addition and</p>



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	<p>a three-digit number and tens a three-digit number and hundreds</p> <p>Add and subtract numbers with up to three digits, using formal written methods of column addition and subtraction</p>	<p>Estimate the answer to a calculation and use inverse operations to check answers</p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p>Use the inverse relationship between addition and subtraction to check calculations and to solve missing numbers.</p>	<p>subtraction.</p> <p>Estimate the answer to a calculation and use inverse operations to check answers</p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p>Use the inverse relationship between addition and subtraction to check calculations and to solve missing numbers.</p>
Number - Multiplication	<p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</p> <p>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.</p>	<p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</p> <p>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.</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <math>n</math> objects are connected to <math>m</math> objects</p>	<p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</p> <p>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.</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <math>n</math> objects are connected to <math>m</math> objects</p>
Number - Division	Recall and use multiplication and	Recall and use multiplication and division	Recall and use multiplication and



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Number - Fractions	<p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</p> <p>Pupils should be taught to: 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</p>	<p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</p> <p>Recognise and show, using diagrams, equivalent fractions with small denominators</p>	<p>Add and subtract fractions with the same denominator within one whole e.g <math>3/7 + 2/7 = 5/7</math></p> <p>Compare and order unit fractions, and fractions with the same denominators</p> <p>Solve problems that involve all of the above.</p>
Measurement	Measure, compare, order, add and	Measure the perimeter of simple 2-D	Measure, compare, order, add and



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	<p>subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts</p>	<p>shapes</p> <p>Measure, compare, order, add and subtract, solve problems involving: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p>	<p>subtract, solve problems involving: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts</p>
Measurement- Time	<p>Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours.</p> <p>Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year.</p>	<p>Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.</p>	<p>Compare durations of events, for example to calculate the time taken by particular events or tasks.</p> <p>Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.</p>
Geometry – Properties of Shapes	<p>Draw 2-D shapes and make 3-D shapes using modelling materials.</p> <p>Recognise 3-D shapes in different orientations and describe them.</p> <p>Recognise angles as a property of shape or a description of a turn.</p>	<p>Identify right angles.</p> <p>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.</p>	<p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</p> <p>Use the language of acute and obtuse.</p>
Statistics	<p>Interpret and present data using bar charts, pictograms and tables.</p>	<p>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.</p>	<p>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.</p>



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