

<b>Year 3 maths</b>	
<b>Objective</b>	<b>Strand</b>
Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Number – number and place value
Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Number – number and place value
Compare and order numbers up to 1000	Number – number and place value
Identify, represent and estimate numbers using different representations	Number – number and place value
Read and write numbers up to 1000 in numerals and in words	Number – number and place value
Solve number problems and practical problems involving these ideas	Number – number and place value
Add and subtract numbers mentally, including: a three-digit number and ones	Number – addition and subtraction
Add and subtract numbers mentally, including: a three-digit number and tens	Number – addition and subtraction
Add and subtract numbers mentally, including: a three-digit number and hundreds	Number – addition and subtraction
Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	Number – addition and subtraction
Estimate the answer to a calculation and use inverse operations to check answers	Number – addition and subtraction
Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	Number – addition and subtraction
Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Number – multiplication and division
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	Number – multiplication and division
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	Number – multiplication and division
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	Number – fractions
Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	Number – fractions
Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Number – fractions
Recognise and show, using diagrams, equivalent fractions with small denominators	Number – fractions
Add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$ ]	Number – fractions
Compare and order unit fractions, and fractions with the same denominators	Number – fractions
Solve problems that involve all of the above	Number – fractions
Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Measurement
Measure the perimeter of simple 2-D shapes	Measurement
Add and subtract amounts of money to give change, using both £ and p in practical contexts	Measurement
Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	Measurement
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	Measurement
Know the number of seconds in a minute and the number of days in each month, year and leap year	Measurement
Compare durations of events [for example to calculate the time taken by particular events or tasks]	Measurement
Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	Geometry – properties of shapes
Recognise angles as a property of shape or a description of a turn	Geometry – properties of shapes
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	Geometry – properties of shapes
Identify horizontal and vertical lines and pairs of perpendicular and parallel lines	Geometry – properties of shapes
Interpret and present data using bar charts, pictograms and tables	Statistics
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	Statistics