

Year 3 Maths Targets	A1	A2	Sp1	Sp2	S1	S2
Number - number and place value						
count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number						
read and write numbers up to 1 000 in numerals						
recognise the place value of each digit in a 3-digit number (hundreds, tens and ones)						
compare and order numbers up to 1 000						
identify, represent and estimate numbers using different representations						
read and write numbers up to 1 000 in numerals						
solve number problems and practical problems involving these ideas						
number - addition and subtraction, multiplication and division						
Add and subtract numbers mentally, including a three-digit number and ones						
Add and subtract numbers mentally, including a three-digit number and tens						
Add and subtract numbers mentally, including a three-digit number and hundreds						
Add numbers with up to three digits where no regrouping is required						
Add numbers with up to three digits using the formal written method of columnar addition						
Subtract numbers with up to three digits using the formal written method of columnar 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						
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 that they know, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods						
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.						
Check answers to missing number problems by using the inverse operation						
Number - Fractions (Inc. decimals and percentages)						
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: including unit fractions and non-unit fractions with small denominators						
Recognise and use fractions as numbers: including unit fractions and non-unit fractions with small denominators						
Recognise and show, using diagrams, equivalent fractions with small denominators						
Add fractions with the same denominator within one whole e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$						
Subtract fractions with the same denominator within one whole e.g. $\frac{6}{7} - \frac{1}{7} = \frac{5}{7}$						
Compare and order unit fractions, and fractions with the same denominators						
Solve fraction problems that involve all of the above.						

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Measurement						
Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)						
Measure the perimeter of simple 2-D shapes						
Add and subtract amounts of money to give change, using both £ and p in practical contexts						
Tell the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks						
Write the time using 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, a.m./p.m., 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 e.g. to calculate the time taken by particular events or tasks.						
Read the scales where not all numbers on the scale are given and estimate points in between						
Geometry - properties of shapes, position and direction						
identify, name and describe 2D and 3D shapes from a group of shapes and pictures						
Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them						
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 and vertical lines and pairs of perpendicular and parallel lines.						
Make different nets for cubes and cuboids						
Statistics						
Interpret and present data using bar charts, pictograms and tables						
Solve one-step and two-step questions e.g. 'How many more?' and 'How many fewer?', using information presented in scaled bar charts, pictograms and tables.						