Year 3

Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurements	Properties of Shape	Statistics
Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Add and subtract numbers mentally, including a three-digit number and ones	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	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	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	Interpret and present data using bar charts, pictograms and tables
Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Add numbers with up to three digits using the formal method of columnar addition	Write and calculate mathematical statements for multiplication and division using the multiplication tables that he/she knows, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	Measure the perimeter of simple 2-D shapes	Recognise angles as a property of shape or a description of a turn	Solve one-step and two-step questions e.g. 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables
Compare and order numbers up to 1000	Add and subtract numbers mentally, including a three-digit number and tens	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	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Add and subtract amounts of money to give change, using both £ and p in practical contexts	Identify right angles and identify whether other angles are greater or less than a right angle	
Identify, represent and estimate numbers using different representations	Subtract numbers with up to three digits using the formal method of columnar subtraction		Recognise and show, using diagrams, equivalent fractions with small denominators	Tell the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	Recognise that two right angles make a half turn, three make three quarters of a turn and four a complete turn	
Read and write numbers up to 1000 in numerals	Add and subtract numbers mentally, including a three-digit number and hundreds		Add fractions with the same denominator within one whole e.g. 5/7 + 1/7 = 6/7	Write the time using an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines	

Read and write numbers up to 1000 in words	Estimate the answer to a calculation and use inverse operations to check answers		Subtract fractions with the same denominator within one whole e.g. 6/7 - 1/7 = 5/7	<mark>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</mark>		
<mark>Solve number problems and practical problems involving these ideas</mark>	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction		Compare and order unit fractions, and fractions with the same denominators	Know the number of seconds in a minute and the number of days in each month, year and leap year		
			Solve fraction problems	Compare durations of events e.g. to calculate the time taken by particular events or tasks		