

Year	Place value	Addition and	Multiplication and	Fractions	Measurement
3		subtraction	division		
	COUNTING Count from 0 in multiples of 4, 8, 50 and 100. Find 10 or 100 more or less than a given number. COMPARING NUMBERS	MENTAL CALCULATION Add and subtract numbers mentally, including: *a three- digit number and ones *a three-digit number and tens *a three-digit number and hundreds	MULTIPLICATION & DIVISION EACTS Count from 0 in multiples of 4, 8, 50 and 100 (copied from Number and Place Value) Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.	COUNTING IN FRACTIONAL STEPS Count up and down in tenths. RECOGNISING FRACTIONS Recognise, find and write fractions of a discrete set of objects: unit fractions and nonunit fractions with small denominators. Recognise that tenths	COMPARING & ESTIMATING Compare durations of events, for example to calculate the time taken by particular events or tasks. Estimate and read time with increasing accuracy to the nearest minute. Record and compare time in terms of seconds, minutes, hours and o'clock. Use vocabulary such as
	Compare and order numbers up to 1 000.	WRITTEN METHODS Add and subtract numbers	MENTAL CALCULATION Write and calculate mathematical	arise from dividing an object into 10 equal parts and in dividing onedigit numbers or quantities by 10. Recognise and use fractions as numbers: unit	a.m./p.m., morning, afternoon, noon and midnight (appears also in Telling the Time)
	IDENTIFYING, REPRESENTING AND ESTIMATING NUMBERS	with up to three digits, using formal written methods of columnar addition and	statements for multiplication and division using the multiplication tables that they know, including for twodigit numbers	fractions and non-unit fractions with small denominators.	MFASURING & CALCULATING Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity
	Identify, represent and estimate numbers using different representations.	INVERSE OPERATIONS, ESTIMATING AND	times one-digit numbers, using mental and progressing to formal written methods	COMPARING FRACTIONS Compare and order unit fractions, and fractions with the same denominators.	(l/ml). Measure the perimeter of simple 2-D shapes.
	READING AND WRITING NUMBERS Read and write numbers up to 1 000 in numerals and in	CHECKING ANSWERS Estimate the answer to a calculation and use inverse operations to check answers.	WRITTEN CALCULATION Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for twodigit numbers	EQUIVALENCE Recognise and show, using diagrams, equivalent fractions with small denominators.	MONFY Add and subtract amounts of money to give change, using both £ and p in practical contexts.
	words. Read Roman numerals from I to XII. UNDERSTANDING PLACE	PROBLEM SOLVING Solve problems, including missing number problems,	times one-digit numbers, using mental and progressing to formal written methods INVERSE OPERATIONS, ESTIMATING	ADDITION AND SUBTRACTION Add and subtract fractions with the same denominator within one whole (e.g. 5/7 + 1/7 = 6/7)	TELLING THE TIME Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.
	VALUE Recognise the place value of each digit in a three-digit	using number facts, place value, and more complex addition and subtraction	AND CHECKING ANSWERS Estimate the answer to a calculation and use inverse operations to check answers	PROBLEM SOLVING Solve problems that involve all of the above.	Estimate and read time with increasing accuracy to the nearest minute. Record and compare time in terms of seconds, minutes,
	number (hundreds, tens, ones). PROBLEM SOLVING		PROBLEM SOLVING Solve problems, including missing number problems, involving multiplication and		hours and o'clock. Use vocabulary such as a.m./p.m., morning, afternoon, noon and midnight. (appears also in Comparing and Estimating).
	Solve number problems and practical problems involving these ideas.		division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.		CONVERTING Know the number of seconds in a minute and the number of days in each month, year and
					leap year.



Year	Geometry	Statistics	Algebra
3	Recognise angles as a property of shape or a description of a turn Identify right angles Recognise that 2 right angles make a half turn, 3 make three quarters of a turn, and 4 make a complete turn Identify whether angles are greater than or less than a right angle Identify horizontal and vertical lines. Identify pairs of perpendicular and parallel lines Draw 2D shapes and make 3D shapes using modelling material Recognise 3D shapes in different orientations and describe them	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 and pictograms and tables.	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. (copied from Addition and Subtraction) Solve problems, including missing number problems, involving multiplication and division, including integer scaling