

	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	<u>Place Value</u> - identify, represent and estimate numbers to 1000 using different representations - recognise the place value of each digit in a three-digit number (hundreds, tens, ones) - compare and order numbers up to 1000 - read and write numbers up to 1000 in numerals and in words - count from 0 in multiples of 100 - find 10 or 100 more or less than a given number - solve number problems and practical problems involving these ideas - count from 0 in multiples of 4, 8 50 and 100			<u>Addition and Subtraction</u> - add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds - add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction - estimate the answer to a calculation and use inverse operations to check answers					<u>Multiplication and Division A</u> - recall and use multiplication and division facts for the 3 and 4 and 8 multiplication tables - 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 - recall and use multiplication and division facts for the 3 and 4 and 8 multiplication tables - 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			
		Baseline Assessment			Place Value Assessment			Times tables check (2,5 and 10)		Addition and Subtraction Assessment		Autumn term progress checks Paper 1 – Arithmetic Paper 2 - Reasoning

	1	2	3	4	5	6	7	8	9	10	11	12
Spring	<u>Multiplication and Division B</u> - recall and use multiplication and division facts for the 3 and 4 and 8 multiplication tables - solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <i>n</i> objects are connected to <i>m</i> objects - recall and use multiplication and division facts for the 3 and 4 and 8 multiplication tables - solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <i>n</i> objects are connected to <i>m</i> objects			<u>Measurement Length and Perimeter</u> - measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) - measure the perimeter of simple 2-D shapes - solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction			<u>Fractions A</u> - recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators - recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators - 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 and show, using diagrams, equivalent fractions with small denominators - add and subtract fractions with the same denominator within one whole [e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$] - compare and order unit fractions, and fractions with the same denominators - solve problems that involve all of the above				<u>Measurement Mass and Capacity</u> - measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) - solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	
	Multiplication and Division A Assessment			Times tables check (3,4 and 8)	Multiplication and Division B Assessment			Measurement Length and Perimeter Assessment			Fractions A Assessment	Spring term progress checks Paper 1 – Arithmetic Paper 2 - Reasoning

	1	2	3	4	5	6	7	8	9	10	11	12
Summer	Fractions B - recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators - recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators - 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 and show, using diagrams, equivalent fractions with small denominators - add and subtract fractions with the same denominator within one whole [e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$] - compare and order unit fractions, and fractions with the same denominators - solve problems that involve all of the above		Measurement Money add and subtract amounts of money to give change, using both £ and p in practical contexts	Measurement 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 - 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 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 [for example to calculate the time taken by particular events or tasks]			Shape - Recognise that angles are 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 - draw 2-D shapes and make 3-D shapes using modelling materials - recognise 3-D shapes in different orientations and describe them - measure the perimeter of simple 2-D shapes		Statistics - interpret and present data using bar charts, pictograms and tables - solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables		Consolidation	
	Mass and Capacity Assessment			Fractions B Assessment	Money Assessment	Summer term progress checks Paper 1 – Arithmetic Paper 2 - Reasoning	Time Assessment		Shape Assessment		Statistics Assessment	