

Y3 Autumn Term						
Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurement	Geometry: properties of shapes	Statistics
Recognise the place value of each digit in a three-digit number (hundreds, tens, ones). Identify, represent and estimate numbers using different representations. Read and write numbers up to 1,000 in numerals and in words. Compare and order numbers up to 1,000.	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 (bar modelling).	Recall and use multiplication and division facts for the 3, 6, 4 and 8 multiplication tables (recap 2, 5, 10). Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including two-digit numbers multiplied by one-digit numbers, using mental methods and progressing to formal written methods.	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: unit fractions and non-unit fractions with small denominators.	Measure, compare, add and subtract: lengths (m/cm/mm). Add and subtract amounts of money to give change, using both £ and p in practical contexts. Tell and write the time from an analogue 12-hour clock (to 5 minute intervals). Use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight.	Recap names of shapes and describe properties. Draw 2D shapes and make 3D shapes using modelling materials. Recognise 3-D shapes in different orientations and describe them Recognise that angles are a property of shapes 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.	Present and interpret data using bar charts, pictograms and tables.
2 weeks	2-3 weeks	2-3 weeks	2 weeks	2-3 weeks	1-2 weeks	1 week

Y3 Spring Term						
Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurement	Geometry: properties of shapes	Statistics
Compare and order numbers up to 1,000. Solve number problems and practical problems involving these ideas.	Recap addition and subtraction – word problems with formal methods. Estimate the answer to a calculation and use inverse operations to check answers.	Recall and use multiplication and division facts for the 7, 9, 11 and 12 multiplication tables (recap 2, 3, 4, 5, 6, 8, 10). Solve problems, including missing number problems involving multiplication and division. Multiply and divide 2-digit numbers by single digit numbers.	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators Recognise and show, using diagrams, equivalent fractions with small denominators. Compare and order unit fractions, and fractions with the same denominator.	Measure, compare, add and subtract: mass (kg/g). Continue to measure using the appropriate tools and units, progressing to using a wider range of measures, including comparing and using mixed units (1kg and 200g) and simple equivalents of mixed units (5kg = 5,000g). Measure the perimeter of simple 2D shapes. Tell and write the time from an analogue clock, including using Roman numerals, 12-hour and 24 hour clocks Use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight. (to 5 minute intervals) Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours.	Recap names and 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.	Interpret and present data using bar charts, pictograms and tables. Solve one-step and two-step questions ('How many more?' and 'How many fewer?') using information presented in scaled bar charts and pictograms and tables.
1 week	1–2 weeks	2 weeks	2 weeks	2 weeks	1 week	1 week

Y3 Summer Term						
Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurement	Geometry: properties of shapes	Statistics
Find 10 or 100 more or less than a given number. Count from 0 in multiples of 4, 8, 50 and 100. Solve number problems and practical problems involving these ideas (including with money).	Add and subtract numbers mentally, including: - a three-digit number and ones; - a three-digit number and tens; - a three-digit number and hundreds. Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction (including with money). (bar modelling)	Solve problems including missing number problems involving multiplication and division, positive integer scaling problems and correspondence problems in which n objects are connected to m objects.	Add and subtract fractions with the same denominator within one whole (for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$). Solve problems that involve all of the above.	Measure, compare, add and subtract: volume/capacity (l/ml) Measure the perimeter of simple 2D shapes. Estimate and read time with increasing accuracy to the nearest minute. Know the number of seconds in a minute and the number of days in each month, year and leap year. Compare durations of events (calculate the time taken by particular events or tasks).	Recap 2D and 3D shapes and angles Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	Interpret and present data using bar charts, pictograms and tables. Solve one-step and two-step questions ('How many more?' and 'How many fewer?') using information presented in scaled bar charts and pictograms and tables.
1 week	1 week	2 weeks	2 weeks	2-3 weeks	1 week	1 week