	Number – number & place value	Number – addition & subtraction	Number – multiplication & division	Number – Fractions (include. %'s & decimals	Measurement	Geometry– properties of shapes	Geometry- position & direction	Statistics
YEAR 3	• Count from 0 in multiples of 4,8,50 & 100; find 10 or 100 more or less than a given number • Recognise the place value of each digit in a three-digit number (hundreds, tens & units) • Compare & order numbers up to 1000 • ID, represent & estimate numbers using different representation • Read & write numbers up to 1000 in numerals & words • Solve number problems & practical problems using these ideas	• Add & subtract numbers mentally, including: ➢ A three-digit number & ones ➢ A three-digit number & tens ➢ A three-digit number & hundreds • Add & subtract numbers with up to three digits, using formal written methods of columnar addition & subtraction • Estimate the answer to a calculation & use the inverse operations to check answers • Solve problems, including missing number problems, using number facts, place value, & more complex addition & subtraction	• Recall & use multiplication & division facts for the 3, 4 & 8 multiplication tables • Write & calculate mathematical statements for multiplication & division using the multiplication tables that they know, including for 2-digit numbers times 1-digit numbers, using mental & progressing to formal written methods • Solve problems, including missing number problems, involving multiplication & division, including positive integer problems (scaling up & down ie relationship between a 1m &10m tree – the 10m tree is 10x as big as the 1m tree) & correspondence problems in which n objects are connected to m objects	• Count up & down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10 • Recognise, find & write fractions of a discrete set of objects: unit fractions (where numerator is 1 ie ⅓) & non unit fractions (where numerator is not 1 ie ¾) with small denominators • Recognise & show, using diagrams, equivalent fractions with small denominators • Add & subtract fractions with the same denominator within one whole (eg: 5/7 + 1/7 = 6/7) • Compare & order unit fractions, & fractions with the same denominators • Solve problems that involve all of the above	• Measure, compare, add & subtract: lengths (m/cm/mm); mass (kg/g) volume/capacity (l/ml) • Measure the perimeter of simple 2-D shapes • Add & subtract amounts of money to give change, using both £ & p in practical contexts • Tell & write the time from an analogue clock, including using roman numerals from I to XII, & 12-hour & 24-hour clocks • Estimate & read time with increasing accuracy to the nearest minute; record & compare time in terms of seconds, minutes & hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon & midnight • Know the number of seconds in a minute & the number of days in each month, year & leap year • Compare durations of events (eg to calculate the time taken by particular events or tasks.	• Draw 2-D shapes & make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations & describe them • Recognise angles as a property of shape or a description of a turn (as a static & dynamic angle) • ID right angles, recognise that two right angles make a half turn, three make three quarters of a turn & four a complete turn; Id whether angles are greater than or less than a right angle (NB need to know a right angle = 90˚) • ID horizontal & vertical lines & pairs of perpendicular & parallel lines)	•	• Interpret & present data using bar charts, pictograms & tables • Solve one-step & two-step questions (eg: 'how many more?' & 'How many fewer?') using information presented in scaled bar charts & pictograms & tables