	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 4	• Count in multiples of 6,7,9,25 & 1000 • Find 1000 more or less than a given number • Count backwards through 0 to include negative numbers • Recognise the place value of each digit in a four-digit number (Th, H, T, & U) • Order & compare numbers beyond a 1000 • ID, represent & estimate numbers using different representation • Round any number to the nearest 10, 100, 1000 • Solve number & practical problems that involve all of the above & with increasingly large positive numbers • Read Roman numerals to 100 (I to C) & know that over time, the numeral system changed to include the concept of zero & place value (Romans didn't have 0 as a place holder)	• Add & subtract numbers with up to 4 digits using the formal written methods of columnar addition & subtraction where appropriate • Estimate & use inverse operations to check answers to a calculation • Solve addition & subtraction two-step problems in context, deciding which operations & methods to use & why	• Recall multiplication & division facts for multiplication tables up to 12 x 12 • Use place value, known & derived facts to multiply & divide mentally, including multiplying by 0 & 1; dividing by 1; multiplying together 3 numbers • Recognise & use factor pairs & commutatively in mental calculations • Multiply 2-digit & 3-digit numbers by a 1-digit number using formal written layout • Solve problems involving multiplying & adding, including using the distributive law to multiply 2-digit numbers by 1-digit, integer scaling problems & harder correspondence problems such as n objects are connected to m objects **NB DON'T FORGET DIVISION**	• Recognise & show, using diagrams, families of common equivalent fractions • Count up & down in hundredths; recognise that hundredths arise when dividing an object by one hundred & dividing tenths by ten • Solve problems involving increasingly harder fractions to calculate quantities, & fractions to divide quantities, including non- unit fractions where the answer is a whole number • Add & subtract fractions with the same denominator • Recognise & write decimal equivalents of any number of tenths or hundredths • Recognise & write decimal equivalents to ¼, ½, ¾ • Find the effect of dividing a one- or two- digit number by 10 & 100, identifying the value of the digits in the answer as U, tenths & hundredths • Round decimals with 1 decimal place to the nearest whole number • Compare numbers with the same number of decimal places up to 2 decimal places • Solve simple measure & money problems involving fractions & decimals to 2 decimal places	• Convert between different units of measure (eg km to m; hour to minutes) • Measure & calculate the perimeter of a rectilinear figure (include. squares) in cm's & m's • Find the area of rectilinear shapes by counting squares • Estimate, measure & calculate different measures, including money in pounds & pence • Read, write & convert time between analogue & 12- & 24-hour clocks • Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	• Compare & classify geometric shapes, including quadrilaterals & triangles, based on their properties & sizes • ID acute & obtuse angles & compare & order angles up to 2 right angles by size • ID lines of symmetry in 2-D shapes presented in different orientations compare a simple symmetric figure with respect to a specific line of symmetry	• Describe positions on a 2-D grid as coordinates in the first quadrant • Describe movements between positions as translations of a given unit to the left/right & up/down • Plot specified points & draw sides to complete a given polygon	• Interpret & present discrete & continuous data using appropriate graphical methods, including bar charts & time graphs • Solve comparison, sum & difference problems using information presented in bar charts, pictograms, tables & other graphs