	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 2	• Count in steps of 2, 3 & 5 from 0, & in tens from any number, forward & backward • Recognise the place value of each digit in a two-digit number (tens , ones) • ID, represent & estimate numbers using different representations, including the number line • Compare & order numbers from 0-100; use <,> & = signs • Read & write numbers to at least 100 in numerals & in words • Use place value & number facts to solve problems	• Solve problems with addition & subtraction: ➢ Using concrete objects & pictorial representations, including those involving numbers, quantities & measures ➢ Applying their increasing knowledge of mental & written methods • Recall & use addition & subtraction facts to 20 fluently, & derive & use related facts upto 100 • Add & subtract numbers using concrete objects, pictorial representations, & mentally, including: ➢ A two-digit number & ones ➢ A two-digit number & tens ➢ Two two-digit numbers ➢ Adding 3 one-digit numbers • Show that addition of 2 numbers can be done in any order (commutative) & subtraction of one number from another cannot • Recognise & use the inverse relationship between addition & subtraction, & use this to check calculations & solve missing number problems	• Recall & use multiplication & division facts for the 2,5 & 10 multiplication tables, including recognising odd & even numbers • Calculate mathematical statements for multiplication & division within the multiplication tables & write them using the multiplication (x), division(÷) & equals (=) signs • Show that multiplication of 2 numbers can be done in any order (commutative) & division of one number by another cannot • Solve problems involving multiplication & division, using materials, arrays, repeated addition, mental methods, & multiplication & division facts, including problems in contexts	• Recognise, find, name & write fractions ⅓, ¼, 2/4, & ¾ of a length, shape, set of objects or quantity • Write simple fractions, eg: ½ of 6 = 3 & recognise the equivalence of 2/4 and ½	• Choose & use appropriate standard units to estimate & measure length/height in any direction (m/cm); mass (kg/g); temperature (˚C); capacity (l/ml) to the nearest appropriate unit, using rulers, scales, thermometers & measuring vessels • Compare & order lengths, mass, volume/capacity & record the results using <,> and = • Recognise & use symbols for pounds (£) and pence (p); combine amounts to make a particular value • Find different combinations of coins that equal the same amounts of money • Solve simple problems in a practical context involving addition & subtraction of money of the same unit, include. giving change • Compare & sequence intervals of time • Tell & write the time to 5 minutes, including quarter past/to the hour & draw the hands on a clock face to show these times • Know the number of minutes in an hour & the number of hours in a day	• ID & describe the properties of 2D shapes, including the number of sides & line of symmetry in a vertical line • ID & describe the properties of 3D shapes, including the number of edges, vertices & faces • Id 2D shapes on the surface of 3D shapes (eg a circle on a cylinder & a triangle on a pyramid) • Compare & sort common 2D & 3D shapes & everyday objects	• Order & arrange combinations of mathematical objects in patterns & sequences • Use mathematical vocabulary to describe position, direction & movement, including movement in a straight line & distinguishing between rotation as a turn and in terms of right angles for quarter, half & three-quarter turns (clockwise & anti-clockwise)	• Interpret & construct simple pictograms, tally charts, block diagrams & simple tables • Ask & answer simple questions by counting the number of objects in each category & sorting the categories by quantity • Ask & answer questions about totalling & comparing categorical data