

Year	Place value	Addition and subtraction	Multiplication and	Fractions	Measurement
2			division		
Year 2	COUNTING Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward. COMPARING NUMBERS Compare and order numbers from 0 up to 100; use and = signs. IDENTIFYING, REPRESENTING AND ESTIMATING NUMBERS Identify, represent and estimate numbers using different representations, including the number line.	Addition and subtraction NUMBER BONDS Recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100. MENTAL CALCULATION Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: *a two-digit number and ones *a two-digit numbers and tens *two two-digit numbers *adding three one-digit numbers Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. INVERSE OPERATIONS, ESTIMATING AND CHECKING ANSWERS Recognise and use the inverse relationship between addition and subtraction and use this	*.	Fractions COUNTING IN FRACTIONAL STEPS Pupils should count in fractions up to 10, starting from any number and using the 1/2 and 2/4 equivalence on the number line (Non-Statutory Guidance) RECOGNISING FRACTIONS Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity. EQUIVALENCE Write simple fractions e.g. 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.	COMPARING AND ESTIMATING Compare and order lengths, mass, volume/capacity and record the results using >, < and =. Compare and sequence intervals of time. MEASURING & CALCULATING Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels. MONEY Recognise and 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 and subtraction of money of the same unit, including giving change.
	NIJMBERS Read and write numbers to at least 100 in numerals and in words. UNDERSTANDING PLACE VALUE Recognise the place value of each digit in a two-digit number (tens, ones). PROBLEM SOLVING Use place value and number facts to solve problems	to check calculations and solve missing number problems. PROBLEM SOLVING Solve problems with addition and subtraction: *using concrete objects and pictorial representations, including those involving numbers, quantities and measures *applying their increasing knowledge of mental and written methods solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	the multiplication talk division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs. PROBLEM SOLVING Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.		TELLING THE TIME Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and the number of hours in a day. CONVERTING Know the number of minutes in an hour and the number of hours in a day.



Year	Geometry	Statistics	Algebra
2	Use mathematical vocabulary to describe position, direction and movement including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise). Order and arrange combinations of mathematical objects in patterns and sequences. Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. Identify 2D shapes on the surface of 3D shapes e.g a circle on a cylinder and a triangle on a pyramid. Compare and sort common 2D and 3D shapes and everyday objects.	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. Ask and answer questions about totalling and comparing categorical data.	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems Recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100