Understanding Numbers and the Number System, Steps 19 to 21					
Strand	**Statement**	**19**	**20**	**21**	**+**
Number, place value and rounding	Count in **steps** of 2, 3 and 5 from 0, and in tens from any number forwards and backward				
	Identify, represent and estimate numbers using different representations, including the number line				
	Read and write numbers to at least 100 in numerals and in words				
	Compare and order numbers up to 100: use <, > and = signs				
	Recognise the **place value** of each digit in a 2 digit number				
	Use place value & number facts to **solve problems.**				
Addition and Subtraction	**Recall** and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100				
	Solve **problems** with addition and subtraction: Using concrete objects and pictorial representations, including those involving numbers, quantities and measures Applying heir increasing knowledge of mental and written methods				
	Add and subtract numbers using concrete objects, pictorial representations and mentally including: 2–digit numbers and ones 2–digit numbers and tens Two 2–digit numbers Adding three 1-digit numbers				
	Show that addition of two numbers can be done in any order (**commutative**) & subtraction of one number from another cannot				
	Recognise and use the **inverse** relationship between addition and subtraction and use this to check calculations and missing number problems				
Multiplication and Division	Recall multiplication and division facts for the **2, 5, 10 tables** including recognising odd and even numbers				
	Calculate the **mathematical statements** for multiplication and division within the multiplication tables using the x ÷ and = signs				
	Show that multiplication of two numbers can be done in any order (**commutative**) & division of one number from another cannot				
	Solve **problems** involving multiplication and division using materials, arrays, repeated addition, mental methods and multiplication and division facts including problems in context				
Fractions, decimals and percentages	Recognise, find, name and write fractions **1/3, /4, 2/4** and **¾** of a length, shape, et of objects or quantity				
	Write simple fractions. E.g. ½ of 6 = 3 and recognise the **equivalence** of 2/4 and ½				

Shape, Space and Measures, Steps 19 to 21					
Strand	**Statement**	**19**	**20**	**21**	**+**
Measurement	Choose and use appropriate standard units to estimate and 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 and measuring vessels.				
	Compare and order lengths, mass, volume/capacity and record the results using >, < and =				
	<u>Money</u> 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.				
	<u>Time</u> Compare and **sequence** intervals of 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				
Geometry: Properties of Shape	Identify and describe the **properties of 2D shapes,** including the number of sides and 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**				
	Compare and sort common 2D and 3D shapes and everyday objects				
Geometry: position, direction and motion	**Order and arrange** combinations of mathematical objects in patterns and sequences				
	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)				
Statistics	Interpret and construct simple: **Pictograms** **Tally charts** **Block diagrams** **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 compare categorical data.				