

2	Measure	Statistics	Position & Direction	Properties of Shape	
<b>9.3 Mastery</b>					
9.2	<ul style="list-style-type: none"> <li>I can measure to the nearest appropriate unit using rulers, scales, thermometers and measuring vessels</li> <li>I can record my results using &lt;, &gt; and =</li> <li>I can combine amounts to make a particular value</li> </ul>	<ul style="list-style-type: none"> <li>I can tell the time in 15 minute intervals and draw the hands on a clock to show these times</li> <li>I can compare and sequence different times</li> <li>I know the amount of minutes in an hour</li> </ul>	<ul style="list-style-type: none"> <li>I can make comparisons about the data I have collected</li> <li>I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</li> </ul>	<ul style="list-style-type: none"> <li>I can order and arrange combinations of mathematical objects in patterns</li> <li>I can sequence more than one movement</li> <li>I can use mathematical vocabulary in terms of right angles for quarter, half and three-quarter turns (clockwise)</li> </ul>	<ul style="list-style-type: none"> <li>I can recognize symmetry in 2D shapes</li> <li>I can recognize the number of edges, vertices and faces in 3D shapes</li> <li>I can recognise 2D shapes on the surface of 3D shapes</li> </ul>
9.1	<ul style="list-style-type: none"> <li>I can find combinations of coins that equal the same amounts of money</li> <li>I can add/subtract using money including calculating change</li> </ul>				
8.2					
8.1	<ul style="list-style-type: none"> <li>I am beginning to measure length/height in any direction (m/cm); mass (kg/g); temperature (c); capacity (ltrs/ml)</li> <li>I can order length, mass, volume/capacity</li> <li>Using standard units, I can estimate length/height in any direction (m/cm); mass (kg/g); temperature ©; capacity lengths, mass, volume/capacity</li> <li>I can compare lengths, mass, volume/capacity</li> </ul>	<ul style="list-style-type: none"> <li>I know the amount of hours in a day</li> <li>I can draw the hands on a clock to show quarter hours</li> </ul>	<ul style="list-style-type: none"> <li>I can collect data and record it in a simple pictogram or block diagram</li> <li>I can draw simple conclusions about the data that I have collected</li> <li>I can answer simple questions about the data I have collected</li> <li>I am beginning to compare the data</li> <li>I can accurately total each category</li> <li>I can read the scale on a graph</li> </ul>	<ul style="list-style-type: none"> <li>I can use mathematical vocabulary to describe direction and movement including distinguishing between rotation and turn</li> </ul>	<ul style="list-style-type: none"> <li>I can describe the properties of 2D shapes including the number of sides</li> <li>I can describe the properties of 3D shapes</li> <li>I can compare 2D and 3D shapes</li> <li>I can recognize the number of edges, vertices and faces in 3D shapes</li> <li>I can sort 2D and 3D shapes in everyday objects</li> </ul>
7.2					
7.1	<ul style="list-style-type: none"> <li>I am beginning recognize and use the symbols for pounds (£) and pence (p)</li> <li>I am beginning to add/subtract using money</li> </ul>	<ul style="list-style-type: none"> <li>I can compare different times</li> <li>I am beginning to know quarter past/to the hour</li> <li>I am beginning to recognise minutes</li> </ul>	<ul style="list-style-type: none"> <li>I can collect data and record it in a simple list or tally chart</li> <li>I can begin to collect data for myself</li> <li>I can discuss the data I have collected</li> </ul>	<ul style="list-style-type: none"> <li>I can use mathematical vocabulary to describe position</li> <li>I know my left and right</li> </ul>	

2	Number	Addition & Subtraction	Multiplication & Division	Fraction and Decimals			
<b>9.3 Mastery</b>							
9.2	<ul style="list-style-type: none"> <li>I can count in steps of 2, 3, 5 and 10 forwards and backwards</li> <li>I can use &lt;, &gt; and = signs when comparing and ordering numbers</li> <li>I can read and write numbers to at least 100 in words</li> </ul>	9.2	<ul style="list-style-type: none"> <li>I can derive and use related facts to 100</li> <li>I can add and subtract numbers including               <ul style="list-style-type: none"> <li>A 2-digit number and ones</li> <li>A 2-digit number and tens</li> <li>Two 2 digit numbers</li> </ul> </li> <li>I can use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems</li> </ul>	9.2	<ul style="list-style-type: none"> <li>I can recall and use multiplication and division facts for 2, 5 and 10 times table</li> <li>I can use and apply <math>\times</math> and <math>\div</math> knowledge to solve problems</li> </ul>	9.2	<ul style="list-style-type: none"> <li>I can recognize, find, name and write fractions. <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a set of objects or quantity</li> <li>I can recognize the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> <li>I can compare fractions of shape and value</li> </ul>
9.1		9.1		9.1			
8.2		8.2		8.2			
8.1	<ul style="list-style-type: none"> <li>I can count in 10's from any given number</li> <li>I understand the place value of 2 digit numbers</li> <li>I can partition numbers in different ways. E.g. <math>23 = 20 + 3</math>; <math>23 = 10 + 13</math></li> <li>I can identify, represent and estimate numbers using different representations including dienes jottings</li> <li>I can count in steps of 2, 5 and 10 forwards and backwards</li> <li>I can recognise the value of the 10 digit in multiple of 10</li> <li>I can partition numbers into tens and ones using a number sentence</li> <li>I am beginning to estimate</li> <li>I can compare numbers from 0 - 100 using mathematical language</li> <li>I can read and write numbers to at least 100</li> </ul>	8.1	<ul style="list-style-type: none"> <li>I can recall and use addition and subtraction facts to 20 fluently</li> <li>I can add and subtract numbers using pictorial representations, including:               <ul style="list-style-type: none"> <li>A 2-digit number and ones</li> </ul> </li> <li>I can recognize the inverse relationship between adding and subtraction and use this to check calculations</li> <li>I am beginning to solve missing number problems</li> </ul>	8.1	<ul style="list-style-type: none"> <li>I can recognize odd and even numbers</li> <li>I can record my work in a written form using mathematical symbols</li> <li>I can show that multiplication of two numbers can be done in any order and division of one number by another cannot</li> <li>I can recall and use multiplication and division facts for the 2, 5 and 10 times tables</li> <li>I am starting to recognize the inverse relationship between <math>\times</math> and <math>\div</math></li> <li>I can recognize and read arrays</li> </ul>	8.1	<ul style="list-style-type: none"> <li>I can recognize, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a number</li> <li>I can write simple fractions e.g. <math>\frac{1}{2}</math> of <math>6 = 3</math></li> <li>I can relate <math>\frac{1}{2}</math> to halving a number</li> <li>I know double is the same as <math>\times 2</math></li> </ul>
7.2		7.2		7.2			
7.1	<ul style="list-style-type: none"> <li>I can count in steps of 2, 5 and 10 forwards</li> <li>I can recognize the value of 1 digit numbers as a unit value</li> <li>I can partition numbers into tens and ones using practical apparatus</li> <li>I can order numbers from 0 - 100</li> <li>I can read and write numbers to 50 in words</li> </ul>	7.1	<ul style="list-style-type: none"> <li>I am beginning to recall and use addition and subtraction facts to 20</li> <li>I can add and subtract numbers using concrete objects, including:               <ul style="list-style-type: none"> <li>Adding three 1 digit numbers</li> </ul> </li> <li>I can show that addition of two numbers can be done in any order and subtraction of one number cannot.</li> </ul>	7.1	<ul style="list-style-type: none"> <li>I am beginning to recall and use multiplication and division facts for the 2 and 10 times table</li> <li>I understand <math>\times</math> is repeated addition</li> <li>I understand <math>\div</math> is repeated subtraction</li> </ul>	7.1	<ul style="list-style-type: none"> <li>I can recognize, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a shape</li> <li>I am beginning to write simple fractions e.g. <math>\frac{1}{2}</math> of <math>6 = 3</math></li> </ul>