



<b>Name</b>							
<b>Starting Grade</b>	<b>Autumn Grades</b>		<b>Spring Grades</b>		<b>Summer Grades</b>		<b>Target</b>

Caedmon Primary School – Maths Assessment Grid					
Year 2					
Counting/Place Value	Addition/Subtraction	Multiplication/Division	Fractions	Properties of Shape	Measurement
<p>Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backwards.</p> <p>Recognise the place value of each digit in a two-digit number. (tens, ones)</p> <p>Identify, represent and estimate numbers using different representations, including the number line.</p> <p>Compare and order numbers from 0 up to 100; use &lt;, &gt; and = signs.</p> <p>Read and write numbers to at least 100 in numerals and in words.</p>	<p>Use concrete objects and pictorial representations, including those involving numbers, quantities and measures.</p> <p>Apply their increasing knowledge of mental and written methods.</p> <p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:            □ a two-digit number and ones            □ a two-digit number 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.</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</p>	<p>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.</p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs.</p> <p>Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</p> <p>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.</p>	<p>Recognise, find, name and write fractions <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity.</p> <p>Write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math>.</p>	<p>Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.</p> <p>Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.</p> <p>Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.]</p> <p>Compare and sort common 2-D and 3-D shapes and everyday objects.</p>	<p>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.</p> <p>Compare and order lengths, mass, volume/capacity and record the results using &gt;, &lt; and =.</p> <p>Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.</p> <p>Find different combinations of coins that equal the same amounts of money.</p> <p>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p> <p>Compare and sequence intervals of time.</p> <p>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.</p> <p>Know the number of minutes in an hour and the number of hours in a day.</p>
Position, Direction and Movement	Statistics	Times Tables	Mental Calculation		
<p>Order and arrange combinations of mathematical objects in patterns and sequences.</p> <p>Use mathematical vocabulary to describe position, direction and movement, including movement on a straight line and distinguishing between rotation as part of a turn and in terms of right angles, quarter turns and three quarter turns. (Clockwise and anti clockwise.)</p>	<p>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p> <p>Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</p> <p>Ask and answer questions about totalling and comparing categorical data.</p>	<p>3x Tables</p> <p>4 x Tables</p>	<p>Add TU to U number.</p> <p>Subtract U from TU number.</p> <p>Dividing by 5.</p> <p>Doubling numbers to 20.</p> <p>Round to nearest 10.</p> <p>Find half and a quarter of TU numbers.</p> <p>Say how many cm in a metre, metres in a kilometre, grams in a kilogram and millilitres in a litre.</p>	<p>Find 10 more.</p> <p>Find 10 less.</p> <p>Halving even numbers to 20.</p> <p>Adding 2 digit numbers to 10s.</p> <p>Subtract 2 digit number from 10s number.</p>	