

Measurement						
Rec/ELG	Y1	Y2	Y3	Y4	Y5	Y6
<p>GENERAL</p> <p>Use everyday language to talk about size, weight, capacity, position, distance, time &amp; money to compare quantities and objects and solve problems. ELG</p>	<p>Compare, describe &amp; solve practical problems for:</p> <ul style="list-style-type: none"> <li>- Lengths &amp; heights</li> <li>- Mass/weight</li> <li>- Capacity &amp; volume</li> <li>- Time</li> </ul> <p>Measure &amp; begin to record the following:</p> <ul style="list-style-type: none"> <li>- Length &amp; heights</li> <li>- Mass/weight</li> <li>- Capacity &amp; volume</li> <li>- Time (hrs, mins, secs)</li> </ul>	<p>Choose and use appropriate standard units to estimate and measure:</p> <ul style="list-style-type: none"> <li>- length/height in any direction (m/cm)</li> <li>- mass (kg/g)</li> <li>- temperature (°C)</li> <li>- capacity (l/ml)</li> </ul> <p>to the nearest appropriate unit, using rulers, scales, thermometers &amp; measuring vessels.</p> <p>Compare &amp; order lengths, mass, volume/capacity &amp; record the results using &gt;, &lt; and =.</p>	<p>Measure, compare, add &amp; subtract:</p> <ul style="list-style-type: none"> <li>- lengths (m/cm/mm)</li> <li>- mass (kg/g)</li> <li>- volume/capacity (l/ml)</li> </ul>	<p>Convert between different units of measure (e.g. km to m; hr to min)</p> <p>Estimate, compare &amp; calculate different measures.</p>	<p>Convert between different units of metric measure (e.g. km/m; cm/m; cm/mm; g/kg; l/ml).</p> <p>Understand &amp; use approximate equivalences between metric units &amp; common imperial units such as inches, pounds &amp; pints.</p> <p>Use all four operations to solve problems involving measure using decimal notation, including scaling.</p> <p>Estimate volume (e.g. using 1 cm<sup>3</sup> blocks to build cubes &amp; cuboids) &amp; capacity (e.g. using water).</p>	<p>Solve problems involving the calculation &amp; conversion of units of measure, using decimal notation to three decimal places where appropriate.</p> <p>Use, read, write &amp; convert between standard units, converting measurements of length, mass, volume &amp; time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to three decimal places.</p> <p>Calculate, estimate &amp; compare volume of cubes &amp; cuboids using standard units, incl cm<sup>3</sup> and m<sup>3</sup>, and extending to other units such as mm<sup>3</sup> and km<sup>3</sup>.</p> <p>Convert between miles &amp; km.</p> <p>Recognise when it is possible to use the formulae for area &amp; volume of shapes.</p>
PERIMETER			Measure the <b>perimeter</b> of simple 2D shapes.	Measure & calculate the <b>perimeter</b> of a rectilinear figure (incl squares) in cm & m.	Measure & calculate the <b>perimeter</b> of composite rectilinear shapes in cm & m.	Recognise that shapes with the same <b>areas</b> can have different <b>perimeters</b> & vice versa.
AREA				Find the <b>area</b> of rectilinear shapes by counting squares.	Calculate & compare the <b>area</b> of rectangles (including squares, & including using standard units, square centimetres (cm <sup>2</sup> ) and square metres (m <sup>2</sup> ) & estimate the area of irregular shapes.	Calculate the <b>area</b> of parallelograms & triangles.  Recognise when it is possible to use the formulae for <b>area</b> & volume of shapes.

MONEY	<p>Recognise &amp; know the value of different <b>denominations</b> or coins &amp; notes.</p>	<p>Recognise &amp; use symbols for <b>pounds (£)</b> and <b>pence (p)</b>; 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 &amp; subtraction of money of the same unit, incl giving change.</p>	<p><b>Add &amp; subtract amounts</b> of money to give change, using both £ and p in practical contexts.</p>	<p>Estimate, compare &amp; <b>calculate</b> different measures, including money in pounds &amp; pence.</p>		
TIME	<p>Sequence events in <b>chronological order</b> using language (e.g. before, after, next, first, today, yesterday, tomorrow, morning, afternoon, evening).</p> <p>Recognise &amp; use <b>language</b> relating to dates, incl days of the week, weeks, months, years.</p> <p><b>Tell the time to the hour &amp; half past the hour</b> &amp; draw the hands on a clock face to show these times.</p>	<p>Compare &amp; <b>sequence</b> intervals of time.</p> <p>Tell &amp; write the time to <b>five minutes</b>, incl <b>quarter past/to</b> the hour &amp; draw the hands on a clock face to show these times.</p>	<p>Tell &amp; write the time from an analogue clock, incl using <b>Roman numerals</b> from I to XII, &amp; <b>12-hour &amp; 24-hour</b> clocks.</p> <p>Estimate &amp; read <b>time with increasing accuracy to the nearest minute</b>; record &amp; compare time in terms of secs, mins, hrs; use vocabulary such as o'clock, am/pm, morning, afternoon, noon &amp; midnight.</p> <p>Know the numbers of <b>seconds in a minute</b> &amp; the number of <b>days each month, year &amp; leap year</b>.</p> <p><b>Compare durations</b> of events, for example to calculate time taken by particular events or tasks.</p>	<p><b>Read, write &amp; convert time</b> between analogue &amp; digital 12- &amp; 24-hour clocks.</p> <p>Solve problems involving <b>converting</b> from hours to minutes; minutes to seconds; years to months; weeks to days.</p>	<p>Solve problems involving <b>converting</b> between units of time.</p>	