

MEASUREMENT	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
MEASUREMENT: Using Measures	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> Lengths and heights (for example long/short, longer/shorter, tall/short, double/half) Mass/weight (for example, heavy/light, heavier than, lighter than) Capacity and volume (for example full/empty, more than, less than, half, half full) Time (for example quicker, slower, earlier, later) <p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> Lengths and heights Mass/weight Capacity and volume Time (hours, minutes, seconds) 	<p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g), temperature, 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 greater than, less than and equals signs</p>	<p>Measure and compare, add and subtract lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p>	<p>Convert between different units of measure (for example, kilometre to metre, hour to minute)</p> <p>Estimate, compare and calculate different measures</p>	<p>Convert between different units of measure (for example, kilometre and metre, centimetre and millimetre, gram and kilogram, litre and millilitre)</p> <p>Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints</p> <p>Use all four operations to solve problems involving measure (for example, length, mass, volume, money) using decimal notation, including scaling</p>	<p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate</p> <p>Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to three decimal places</p> <p>Convert between miles and kilometres</p>

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	<p>Recognise and know the value of different denominations of coins and notes</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 amount 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>Add and subtract amounts of money to give change, using both £ and p in practical contexts</p>	<p>Estimate, compare and calculate different measures, including money in pounds and pence</p>	<p>Use all four operations to solve problems involving measure, (for example, money)</p>	<p>Use all four operations to solve problems involving measure, (for example, money)</p>
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MEASUREMENT: Time	<p>Sequence events in chronological order using language (for example, before, after, next, first, today, yesterday, tomorrow, morning, afternoon and evening)</p> <p>Recognise and use language relating to dates, including days of the week, weeks, months and years</p> <p>Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times</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>	<p>Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12 and 24 hour clocks</p> <p>Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year</p>	<p>Read, write and convert time between analogue and digital 12- and 24-hour clocks</p> <p>Solve problems including converting from hours to minutes; minutes to seconds, years to months; weeks to days</p>	<p>Solve problems including converting between units of time</p>	<p>Use, read, write and convert between standard units, converting measurements of time from a smaller unit of measure to a larger unit and vice versa</p>

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MEASUREMENT: Perimeter, Area, Volume			<p>Measure the perimeter of simple 2-D shapes</p>	<p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</p> <p>Find the area of a rectilinear shapes by counting squares</p>	<p>Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</p> <p>Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres and square metres and estimate the area of irregular shapes</p> <p>Estimate volume and capacity</p>	<p>Recognise that shapes with the same areas can have different perimeters and vice versa</p> <p>Recognise when it is possible to use formulae for area and volume of shapes</p> <p>Calculate, estimate and compare volume of cubes and cuboids using standard units including cubic centimetres and cubic metres, and extending to other units (for example cubic millimetres and cubic kilometres)</p>