



# Wheatlands Primary School

## Maths - Skills Progression (KS1/KS2)

### Measurement



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Using Measures:</b>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> <li>➤ Lengths and Heights</li> <li>➤ Mass/Weight</li> <li>➤ Capacity and Volume</li> <li>➤ Time</li> </ul> <p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> <li>➤ Lengths and Heights</li> <li>➤ Mass/Weight</li> <li>➤ Capacity and Volume</li> <li>➤ Time</li> </ul>	<p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/am); 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>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).</p>	<p>Convert between different units of measure.</p> <p>Estimate, compare and calculate different measures.</p>	<p>Convert between units of metric measure.</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 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 to up to three decimal places.</p> <p>Convert between miles and kilometres.</p>
	Spring 3 Spring 4 Summer 6	Spring 5 Summer 4	Spring 4 Summer 4	Autumn 3 Spring 2 Summer 3	Summer 1 Summer 4 Summer 5	Spring 4



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	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
<b>Money:</b>	<p>Recognise and know the value of different denominations of coins and notes.</p> <p style="text-align: center;"><b>Summer 5</b></p>	<p>Recognise and use the 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 style="text-align: center;"><b>Autumn 3</b></p>	<p>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</p> <p style="text-align: center;"><b>Spring 2</b></p>	<p>Estimate, compare and calculate different measures, including money in pounds and pence.</p> <p style="text-align: center;"><b>Summer 2</b></p>	<p>Use all four operations to solve problems involving measure.</p> <p style="text-align: center;"><b>Summer 1</b></p>	



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	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
<b>Time:</b>	<p>Sequence events in chronological order using language.</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-hour 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 numbers of days in each month, year and leap year.</p> <p>Compare durations of events.</p>	<p>Read, write and convert time between analogue and digital 12- and 24-hour clocks.</p> <p>Solve problems involving converting from hours to minutes; minutes to seconds, years to months; weeks to days.</p>	<p>Solve problems involving 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>
	<b>Summer 6</b>	<b>Summer 3</b>	<b>Summer 2</b>	<b>Summer 3</b>	<b>Summer 4</b>	<b>Year 5 Summer 4</b>



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	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Perimeter, Area and Volume:</b>			<p>Measure the perimeter of simple 2D shapes.</p> <p>Spring 4</p>	<p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.</p> <p>Find the area of rectilinear shapes by counting squares.</p> <p>Autumn 3 Spring 2</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 (<math>\text{cm}^2</math>) and square metres (<math>\text{m}^2</math>) and estimate the area of the irregular shapes.</p> <p>Estimate volume and capacity.</p> <p>Autumn 5 Summer 5</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 the area of parallelograms and triangles.</p> <p>Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (<math>\text{cm}^3</math>) and cubic metres (<math>\text{m}^3</math>), and extending to other units.</p> <p>Spring 5</p>