

## Overview of Measurement Attributes

	1.0	2.0	3.0	4.0	5.0	6.0	
<b>Length</b>	<ul style="list-style-type: none"> <li>describe informally e.g. taller</li> </ul>	<ul style="list-style-type: none"> <li>use informal units</li> </ul>	<ul style="list-style-type: none"> <li>use cm to measure</li> </ul>	<ul style="list-style-type: none"> <li>use m to measure</li> </ul>	<ul style="list-style-type: none"> <li>estimate length using cm and m</li> </ul>	<ul style="list-style-type: none"> <li>perimeters of shapes</li> <li>conversion between metric units</li> </ul>	<ul style="list-style-type: none"> <li>circumference of circles</li> <li>composites and parts of figures e.g. arc length</li> <li>Pythagoras' theorem</li> </ul>
<b>Area</b>	<ul style="list-style-type: none"> <li>describe informally e.g. covers more</li> </ul>	<ul style="list-style-type: none"> <li>measure with informal units e.g. cover with tiles</li> </ul>		<ul style="list-style-type: none"> <li>calculate area of rectangles</li> </ul>	<ul style="list-style-type: none"> <li>calculate area of triangles and parallel'ms</li> </ul>	<ul style="list-style-type: none"> <li>calculate areas e.g. circles, prisms, cylinders</li> </ul>	
<b>Volume and Capacity</b>	<ul style="list-style-type: none"> <li>describe informally e.g. holds more</li> </ul>	<ul style="list-style-type: none"> <li>measure with informal units e.g. scoop</li> </ul>	<ul style="list-style-type: none"> <li>measure and estimate using litres</li> </ul>	<ul style="list-style-type: none"> <li>convert litres to mL</li> </ul>		<ul style="list-style-type: none"> <li>calculate volume of prisms and cylinders</li> </ul>	<ul style="list-style-type: none"> <li>calculate volume of 3-D shapes</li> </ul>
<b>Mass</b>	<ul style="list-style-type: none"> <li>describe informally e.g. heavier</li> </ul>	<ul style="list-style-type: none"> <li>measure with informal units e.g. brick</li> </ul>	<ul style="list-style-type: none"> <li>measure and estimate using kg</li> </ul>	<ul style="list-style-type: none"> <li>convert kg to g, etc</li> </ul>			
<b>Time and Rates</b>	<ul style="list-style-type: none"> <li>measure with informal units e.g. claps</li> <li>order days of the week</li> </ul>	<ul style="list-style-type: none"> <li>know calendar</li> </ul>	<ul style="list-style-type: none"> <li>read clocks</li> <li>use hours and minutes</li> </ul>	<ul style="list-style-type: none"> <li>calculate durations</li> </ul>	<ul style="list-style-type: none"> <li>solve problems involving simple rates (per unit time or area)</li> </ul>	<ul style="list-style-type: none"> <li>calculate rates in many contexts involving time (e.g. liquid flow) and not involving time (density, concentration, etc)</li> </ul>	
<b>Temperature</b>		<ul style="list-style-type: none"> <li>describe as hot, cold etc</li> </ul>	<ul style="list-style-type: none"> <li>use degrees Celsius</li> </ul>				
<b>Angle</b>			<ul style="list-style-type: none"> <li>estimate angles dynamically (half and quarter turn)</li> </ul>	<ul style="list-style-type: none"> <li>measure and estimate static angles using degrees</li> </ul>	<ul style="list-style-type: none"> <li>measure reflex and obtuse angles</li> </ul>	<ul style="list-style-type: none"> <li>calculate with degrees, minutes, seconds</li> </ul>	<ul style="list-style-type: none"> <li>use radians</li> </ul>
<b>Metric measurement</b>		<ul style="list-style-type: none"> <li>use cm</li> </ul>	<ul style="list-style-type: none"> <li>use litre, metre, kilogram</li> </ul>	<ul style="list-style-type: none"> <li>m to cm etc</li> </ul>	<ul style="list-style-type: none"> <li>use g, mm, mL, etc</li> <li>convert e.g. litres to mL</li> </ul>	<ul style="list-style-type: none"> <li>recognise base ten significance of metric prefixes (milli, etc)</li> </ul>	<ul style="list-style-type: none"> <li>use wide range of units and conversions</li> </ul>
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