


How this scheme of work links to school vision and values (wellbeing, independence, communication, achievement):

	Topic	Learning Objectives	Tasks	Assessed LO
W1	Numbers, Place Value and Number System	<p>LS9 – To be able <b>to measure &amp; compare, and order: length, mass, capacity in standard metric units.</b> To be able <b>to measure &amp; compare, and order: length, mass, capacity in standard metric units.</b></p> <p>LS10 – To be able <b>to use all measuring apparatus accurately to estimate and measure length,</b> mass, temperature and capacity.</p> <p>LS11 – To be able <b>to measure and compare lengths (m,cm,mm), mass (kg,g) and volume/capacity (l,ml) and calculates perimeter.</b></p> <p>LS12 – <b>To be able to convert between different units of measure e.g. mm to cm to m to km, ml to l, g to kg., hours to mins.</b></p> <p>LS15 – To be able <b>to use own and suggested strategies to make corrections and improvement.</b></p>	<ul style="list-style-type: none"> <li>• Baseline assessment covering the different topic areas <ul style="list-style-type: none"> <li>• Explore non-standard and standard measuring</li> </ul> </li> <li>• Explore the use of non-standard measurements to measure different things (height, length and width)</li> <li>• Explore imperial and metric measures and compare them - add to the display</li> </ul>	

		<p>To be able to use formulae for area and volume of shape and calculates volumes of cubes and cuboids (<math>\text{cm}^3</math> &amp; <math>\text{m}^3</math>).</p>		
<p>W2</p>	<p>Numbers, Place Value and Number System</p>	<p>LS9 – To be able to measure &amp; compare, and order: length, mass, capacity in standard metric units. To be able to measure &amp; compare, and order: length, mass, capacity in standard metric units.</p> <p>LS10 – To be able to use all measuring apparatus accurately to estimate and measure length, mass, temperature and capacity.</p> <p>LS11 – To be able to measure and compare lengths (m,cm,mm), mass (kg,g) and volume/capacity (l,ml) and calculates perimeter.</p> <p>LS12 – To be able to convert between different units of measure e.g. mm to cm to m to km, ml to l, g to kg., hours to mins.</p> <p>LS15 – To be able to use own and suggested strategies to make corrections and improvement. To be able to use formulae for area and volume of shape and calculates volumes of cubes and cuboids (<math>\text{cm}^3</math> &amp; <math>\text{m}^3</math>).</p>	<p><u>Focus on length/height/width</u></p> <ul style="list-style-type: none"> <li>• Clicker board on length, height, size and width.</li> <li>• Garden scavenger hunt on measuring (differentiated worksheets) (ruler, trundle wheel, metre stick, measuring tape) <ul style="list-style-type: none"> <li>• Measurement tag in small groups</li> </ul> </li> </ul>  <ul style="list-style-type: none"> <li>• Practice exam questions</li> </ul>	

W3	<p>Numbers, Place Value and Number System</p> <p>Measure</p>	<p>LS9 – To be able to <b>measure &amp; compare, and order: length, mass, capacity in standard metric units.</b> To be able to <b>measure &amp; compare, and order: length, mass, capacity in standard metric units.</b></p> <p>LS10 – To be able to <b>use all measuring apparatus accurately to estimate and measure length, mass, temperature and capacity.</b></p> <p>LS11 – To be able to <b>measure and compare lengths (m,cm,mm), mass (kg,g) and volume/capacity (l,ml) and calculates perimeter.</b></p> <p>LS12 – To be able to <b>convert between different units of measure e.g. mm to cm to m to km, ml to l, g to kg., hours to mins.</b></p> <p>LS15 – To be able to <b>use own and suggested strategies to make corrections and improvement.</b> To be able to <b>use formulae for area and volume of shape and calculates volumes of cubes and cuboids (cm<sup>3</sup> &amp; m<sup>3</sup>).</b></p>	<p style="text-align: center;"><u>Focus on weight</u></p> <ul style="list-style-type: none"> <li>• Clicker board weight</li> <li>• Explore the difference between mass and weight</li> <li>• Students to make a fruit salad, weighing out the right ingredients, to make the fruit salad <ul style="list-style-type: none"> <li>• Practice exam questions</li> </ul> </li> </ul>	
W4	<p>Numbers, Place Value and Number System</p>	<p>LS9 – To be able to <b>measure &amp; compare, and order: length, mass, capacity in standard metric units.</b></p> <p>LS10 – To be able to <b>use all measuring apparatus accurately to estimate and</b></p>	<p style="text-align: center;"><u>Focus on capacity</u></p> <ul style="list-style-type: none"> <li>• Explore full/hall full/quarter full etc.</li> <li>• Compare capacity across different containers – explore how one container may have more seem like it has more water when it doesn't</li> </ul>	

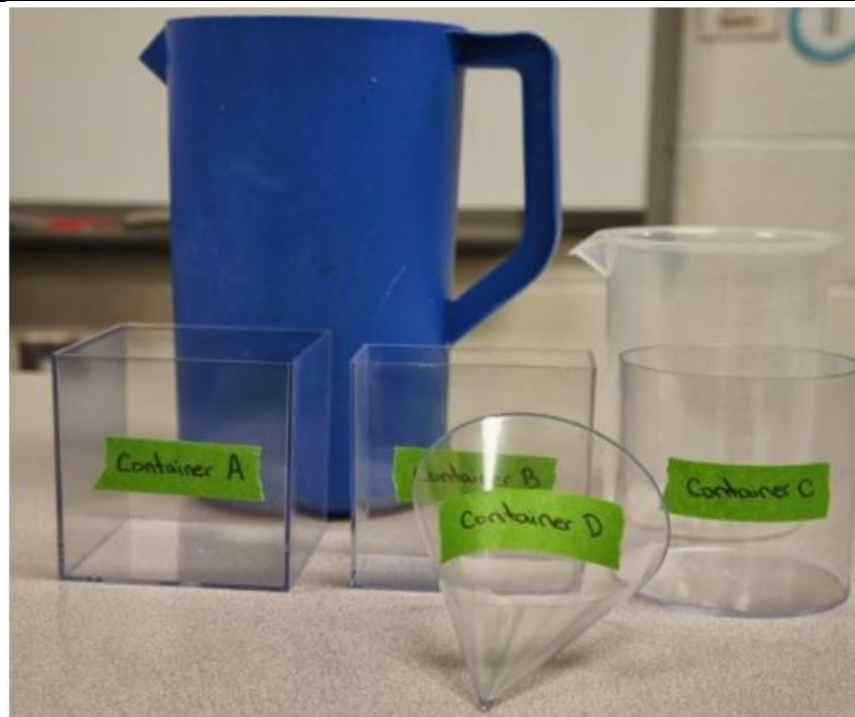
**Measure**

**measure length**, mass, temperature and capacity.

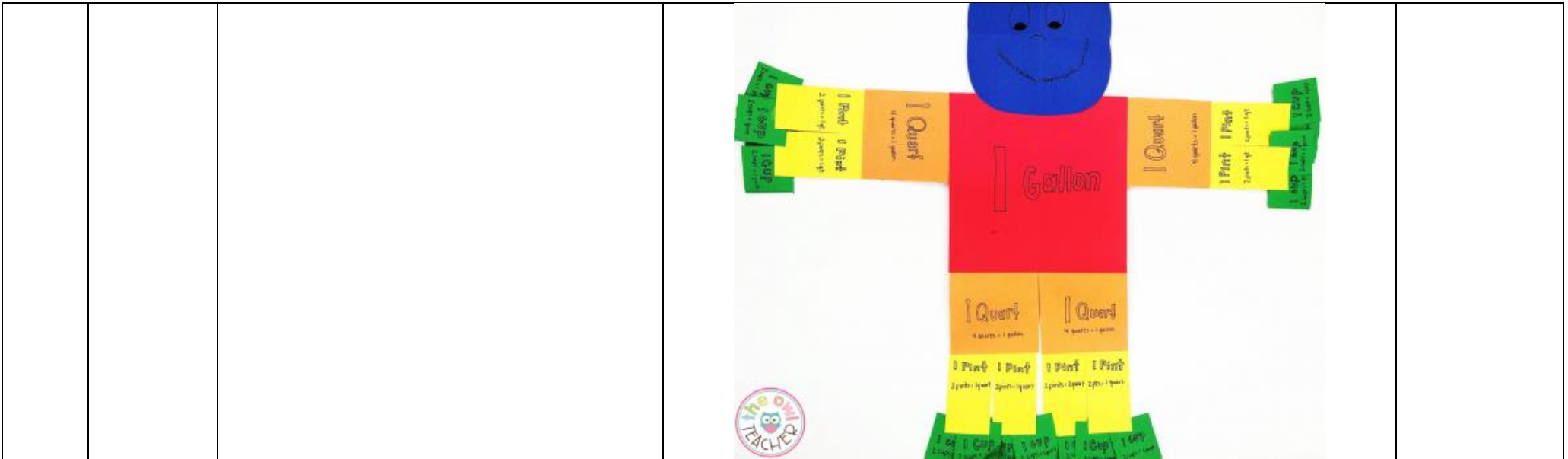
LS11 – To be able **to measure and compare lengths (m,cm,mm)**, mass (kg,g) and volume/capacity (l,ml) and calculates perimeter.

LS12 – **To be able to convert between different units of measure e.g. mm to cm to m to km**, ml to l, g to kg., hours to mins.

LS15 – To be able to use own and suggested strategies to make corrections and improvement.



- Practice measuring using standard units
- Practice exam questions



W5

Numbers,  
Place  
Value and  
Number  
System

**Measure**

LS9 – To be able **to measure & compare, and order:** length, **mass, capacity** in standard metric units.

LS10 – To be able **to use all measuring apparatus accurately to estimate and measure** length, **mass, temperature and capacity.**

LS11 – To be able **to measure and compares lengths** (m,cm,mm), **mass (kg,g)** and **volume/capacity (l,ml)** and calculates perimeter.

LS12 – To be able **to convert between different units of measure** e.g. mm to cm to m to km, **ml to l, g to kg.,** hours to mins.

LA to focus on any areas of issue, rather than circumference

Focus on circumference

- Use string to measure the circumference of different objects e.g. the length of the yarn relates to the circumference



		LS15 – To be able to use formulae for area and volume of shape and calculates volumes of cubes and cuboids ( $\text{cm}^3$ & $\text{m}^3$ ).	<ul style="list-style-type: none"><li>• HA students can look at the apple cut in half and calculate the diameter, which they can use to calculate the circumference</li><li>• Revisit metric vs. Imperial measures and comparisons</li></ul>	
--	--	--	--	--

Trips which accompany this topic: