



PRIOR LEARNING & OVERVIEW

Year 1 - Compare, describe and solve practical problems. Measure and begin to record Mass/weight

The duck is heavier than the ball.



The teddy weighs the same as 5 cubes. They are balanced.



Year 2 -

- Estimate and measure Mass in grams and kilograms

Key Vocabulary	
Mass	Weight
Kilogram (kg)	Gram (g)
Compare	scales
Heavier	Lighter

Mass

We use scales to measure grams.

A gram is a small unit of measurement that we use to measure how heavy or light something is.

We can write gram as **g**.

We measure the following using grams:

15g > 10g

We also use scales to measure kilograms.

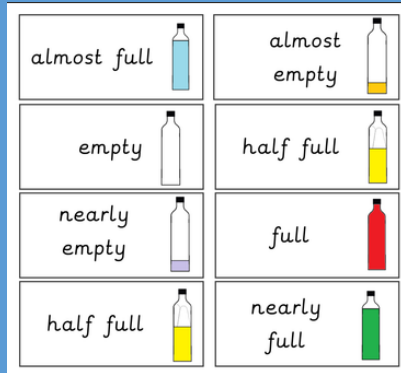
A kilogram is a larger unit of measurement that we use to measure how light or heavy something is.

We can write kilogram as **kg**.

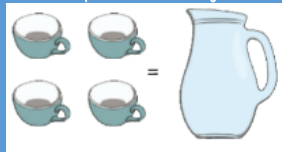
We measure the following using kilograms:

1kg < 3kg

Year 1 - Compare, describe and solve practical problems.
Measure and begin to record Capacity/Volume.



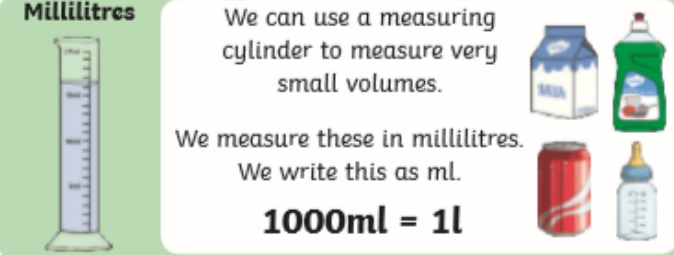

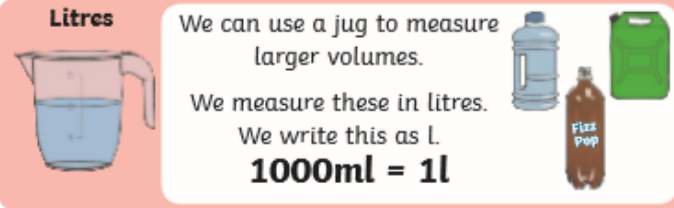
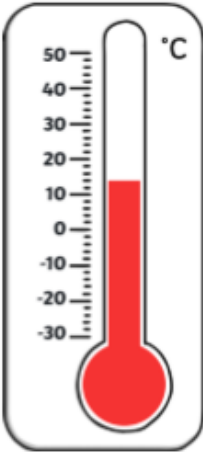

It takes 4 cups to fill this jug.



Year 2 -

Estimate and measure Capacity/Volume and Temperature
Comparisons and order Capacity/Volume using $<$ $>$ $=$

Key Vocabulary	
Capacity	Temperature
Volume	Degree celsius °C
Millilitre (ml)	Litre (L)
Estimate	Order
Container	Thermometer

Capacity	Temperature
<p>Capacity is the amount of liquid a container can hold.</p> <p>Volume is how much liquid is in the container.</p> <p>Millilitres</p> <p>We can use a measuring cylinder to measure very small volumes.</p> <p>We measure these in millilitres. We write this as ml.</p> <p>1000ml = 1l</p> 	<p>Temperature is a measure of heat.</p> <p>Thermometers are used to measure temperature.</p> <p>We usually measure temperature in degrees Celsius (°C) but some parts of the world use degrees Fahrenheit (°F).</p> <p>We can measure the temperature of air, liquids or objects using a thermometer.</p> 
<p>Litres</p> <p>We can use a jug to measure larger volumes.</p> <p>We measure these in litres. We write this as L.</p> <p>1000ml = 1l</p> 	<p>Most thermometers have small tubes and a bulb of liquid at the bottom. The hotter the temperature, the higher the liquid from the bulb rises in the tube. There are markings along the side of the glass tube that show the temperature.</p> 
 <p>quarter full half full full</p> <p>25ml < 250ml 10l > 2l</p>	