

Year 1 – Maths – Measurement: Weight and volume

Key vocabulary

weight
volume
mass
capacity
measure
heavier
lighter
balanced
compare

Key questions

Can you explain how you know which item is heaviest/lightest?
What is capacity?
Can you sequence the bottles from empty to full?

Links to other learning

Year 2 – Choose and use appropriate standard units to estimate and measure mass (kg/g); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels; Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$.



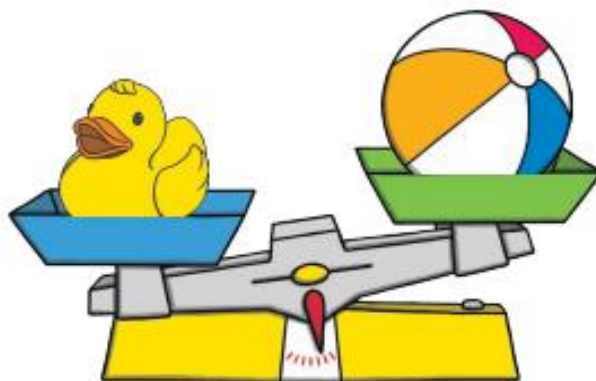
Comparing and measuring mass

The duck is **heavier** than the ball.

The ball is **lighter** than the duck.

The teddy **weighs** the same as 5 cubes.

They are **balanced**.



Capacity and volume

We can use different containers to measure volume.

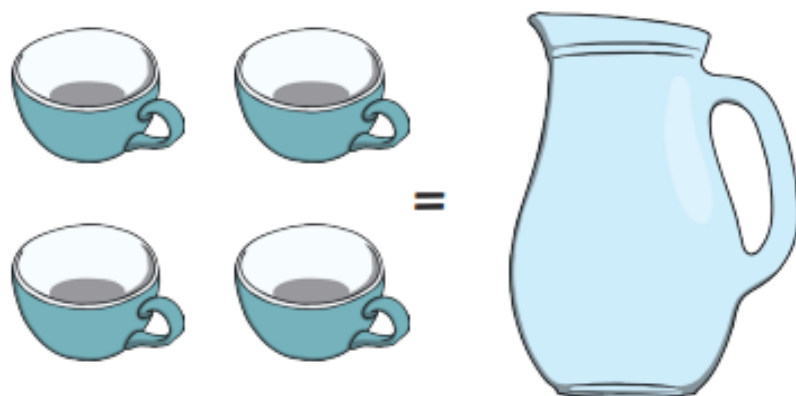


Capacity is the total amount of liquid a container can hold.

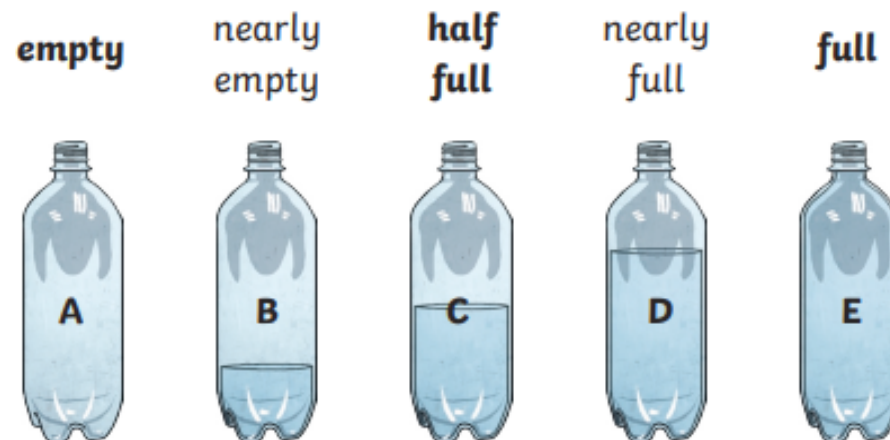
Volume is the amount of liquid that is in the container.
This can vary.

Measure Capacity

It takes 4 cups to fill this jug.



Compare Capacity



B has more water than A. D has less water than E.