

Can you.....?

- Choose and use appropriate standard units to estimate and measure **mass (kg/g)** and **capacity (litres/ml)** to the nearest appropriate unit, using scales and measuring vessels
- Compare and order mass and capacity and record the results using $>$, $<$ and $=$

Capacity

Children are introduced to standard units of millilitres (ml) and litres (l) for the first time. They build on their understanding of the difference between capacity and volume from Year 1. (Capacity is the amount a container can hold. Volume is the amount it is actually holding). Children use the language 'quarter', 'half' and 'three-quarters full' to describe and compare volume.

Give children the opportunity to practically investigate volume and capacity using a range of different containers.

Challenge: Can you find some different sized containers in your house? Which container has the largest/smallest capacity? How do you know? Can you order them from largest to smallest? Which container has the most or least liquid in? How many litres of water do you drink a day?

Mass

*In Year 2, the children use standard units of **mass (grams)** for the first time. They continue to use balance scales before moving on to use standard weighing scales. Children apply their counting in 2s, 5s and 10s skills to reading scales accurately. They should see a variety of scales with different intervals.*

Give children the opportunity to feel and then use scales to find the mass of different objects so they can use this for estimation.

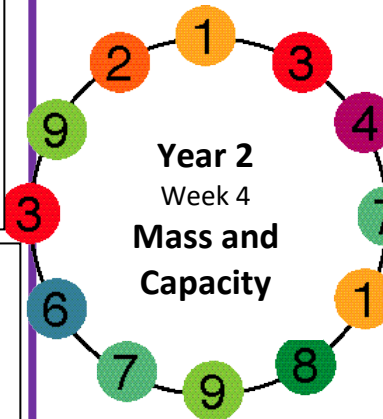
Challenge: Can you find and weigh different objects around your home and then put them in order from lightest to heaviest? If you don't have any scales, could you estimate? Could you add together the mass of two objects?

Challenge linked to Home Learning

Tim has some model jungle animals. Can you sort the animals from heaviest to lightest:

Tiger 46g	Bear 57g
Leopard 34g	Monkey 22g
Flamingo 15g	Snake 25g
Elephant 108g	Antelope 64g

Year 2
Week 4
Mass and
Capacity



Mass Word Problems

Sam and his friends are weighing books, Sam's book weighs 42g.

Sarah's book weighs 16g more than Sam's, how many bricks does Sarah's book weigh?

Harry's book weighs 18g less than Sam's, how many bricks does Harry's book weigh?

Jenny's book weighs double the amount that Sam's weighs, how much does Jenny's book weigh?

<https://www.teacherled.com/iresources/scales/mass/> (set scales going up in 10kg intervals)

<http://www.kidsmathgamesonline.com/logic/scalesweight.html>

<https://www.twinkl.co.uk/resource/t-n-2545119-how-much-does-it-hold-activity-sheet>