

Key Vocabulary

mass

gram

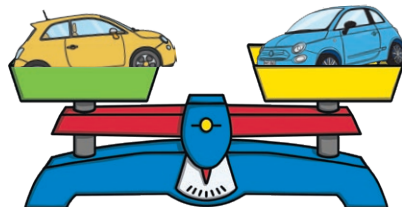
kilogram

lighter

heavier

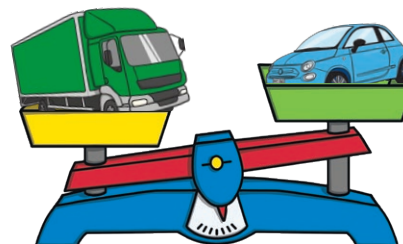
Comparing Mass

balanced



heavier

lighter



lighter

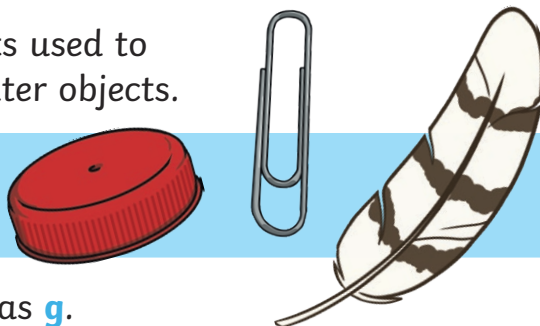
heavier



Grams

Grams are standard units used to measure the mass of lighter objects.

These have about the same **mass** as 1 **gram**.

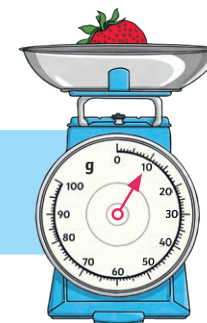


We can also write **gram** as **g**.

Measuring Mass in Grams

We can use **scales** to measure **mass**.

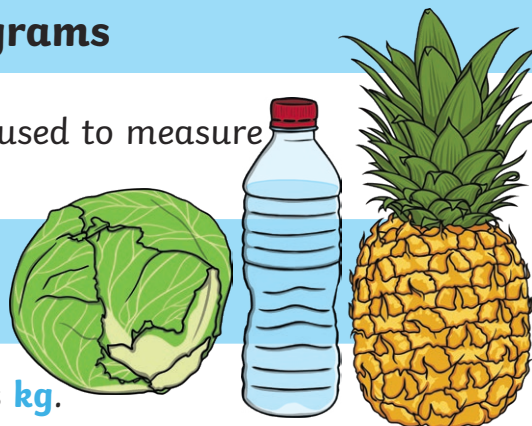
The strawberry has a **mass** of 10 **grams**.



Kilograms

Kilograms are standard units used to measure the mass of heavier objects.

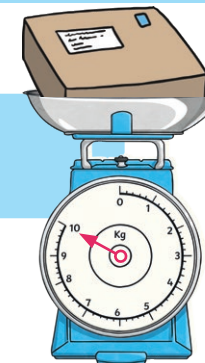
These have about the same **mass** as 1 **kilogram**.



We can also write **kilogram** as **kg**.

Measuring Mass in Kilograms

The parcel has a **mass** of 10 **kilograms**.



Mass, Capacity and Temperature

Knowledge Organiser

Key Vocabulary

capacity

volume

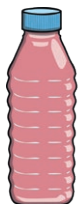
millilitre

litre

Volume

Volume tells us the amount a container **is holding**.

full



half full



empty



Capacity

Capacity tells us the amount a container **can hold** when full.

greatest capacity



smallest capacity



Millilitres

Millilitres are standard units used to measure volume and capacity.

We can also write **millilitres** as **ml**.



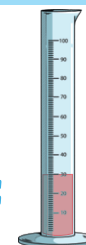
Measuring Capacity in Millilitres

The full bottle was poured into the measuring cylinder.

The bottle has a capacity of 30ml.



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Litres

Litres are standard units used to measure volume and capacity.

There are 1000 millilitres in 1 litre.

We can also write **litres** as **l**.



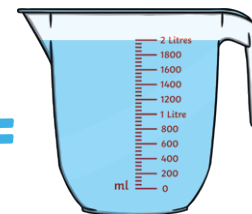
Measuring Capacity in Litres

The full bucket was poured into the measuring jug.

The bucket has a capacity of 2l.



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Key Vocabulary

temperature

Celsius

degrees

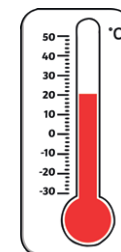
Measuring Temperature

Temperature tells us how **hot** or **cold** something is.

Degrees Celsius are standard units used to measure **temperature**.

Degrees Celsius can also be written as °C.

We can use thermometers to measure temperature.



This thermometer shows a temperature of 20°C.