

# Mass

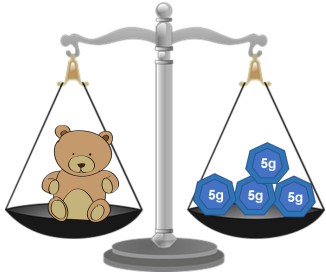
The weight of an object.



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# Weigh

To measure the mass of an object.



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# Balance Scales

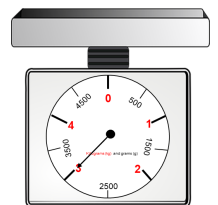
Equipment used to measure the mass of an object.



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# Scales

Equipment used to measure the mass of an object using a standard unit of measurement.



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# Heavier

The object with the greatest mass.



The green apple is **heavier** than the red apple.

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# Lighter

The object with the smallest mass.



The shoe is **lighter** than the book.

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# Grams/g

A metric measure of mass.

$$1,000\text{g} = 1\text{kg}$$

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# Kilograms/kg

A metric measure of mass.

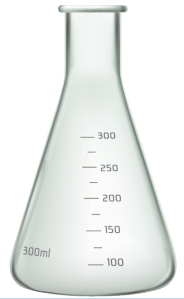
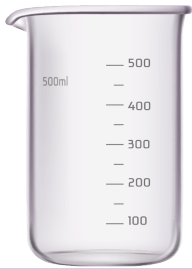
$$1\text{kg} = 1,000\text{g}$$

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# Volume

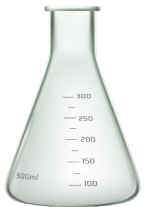
The amount of space that has been taken up by a liquid/solid.



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# Capacity

The total amount a container can hold when it is full.

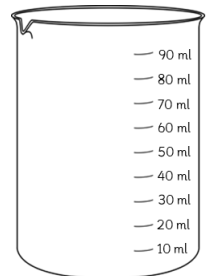


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# Millilitre/ml

A metric measure of volume or capacity.

$$1000\text{ml} = 1\text{l.}$$



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# Litre / l

A metric measure of volume or capacity.

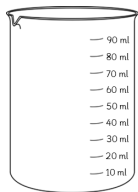
$$1\text{l} = 1,000\text{ml}$$



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# Cylinder

A cylindrical shaped container for measuring volume and capacity.



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# Full

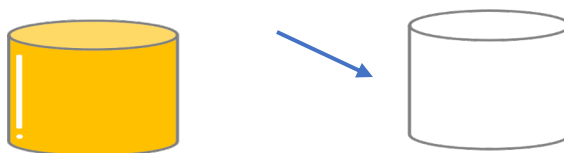
When a container is filled up to the top with no empty space.



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# Empty

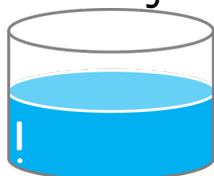
When a container has not been filled and has nothing in it.



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# Half Full

When a container has been filled to half of its capacity.



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# Half Empty

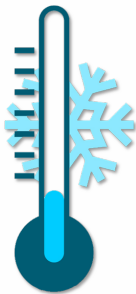
When a container has half of its capacity not filled.



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# Temperature

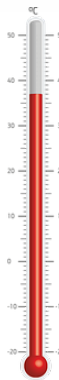
The measure of how hot or cold something is.



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# Thermometer

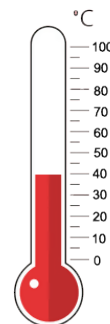
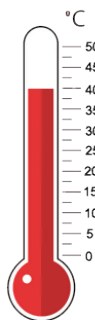
The equipment used to measure the temperature of something.



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# Degrees Centigrade / °C

The standard unit of measurement used when measuring temperature.

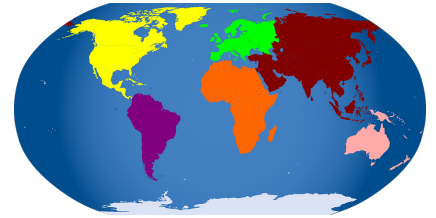


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# Warmer

When the temperature is higher.

e.g.: Africa is **warmer** than Antarctica.



# Colder

When the temperature is lower.

e.g.: The ice-cream is **colder** than the cup of tea.



# Estimate

To make a sensible guess about a value, number or measurement.

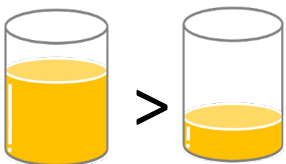


# Compare

Looking at the difference between measures.

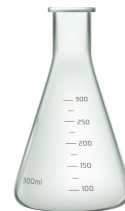
Is one greater than the other?

Are they equal to each other?



# Unit of Measurement

A standard measurement used to measure mass, capacity and temperature.



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# More Than

A greater quantity or amount when comparing.

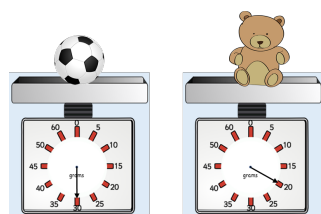


The Lego man weighs **more than** the feather.

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# Less Than

A smaller quantity or amount when comparing.



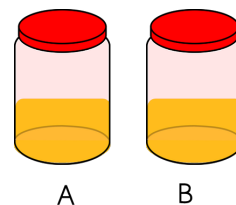
The bear weighs **less than** the football.

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# Equal to

Equal to means the same as.

The volume of container A is **equal to** the volume of container B.





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Mass, Capacity and Temperature Year 2

## Mass

The weight of an object.

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Mass, Capacity and Temperature Year 2

## Heavier

The object with the greatest mass.  
The green apple is **heavier** than the red apple.





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Mass, Capacity and Temperature Year 2

## Volume

The amount of space that has been taken up by a liquid/solid.





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Mass, Capacity and Temperature Year 2

## Weigh

To measure the mass of an object.



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Mass, Capacity and Temperature Year 2

## Lighter

The object with the smallest mass.  
The shoe is **lighter** than the book.





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Mass, Capacity and Temperature Year 2

## Capacity

The total amount a container can hold when it is full.





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Mass, Capacity and Temperature Year 2

## Balance Scales

Equipment used to measure the mass of an object.




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Mass, Capacity and Temperature Year 2

## Grams/g

A metric measure of mass.  
1,000g = 1kg




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Mass, Capacity and Temperature Year 2

## Millilitre/ml

A metric measure of volume or capacity.  
1000ml = 1l





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Mass, Capacity and Temperature Year 2

## Scales

Equipment used to measure the mass of an object using a standard unit of measurement.





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Mass, Capacity and Temperature Year 2

## Kilograms/kg

A metric measure of mass.  
1kg = 1000g



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Mass, Capacity and Temperature Year 2

## Litre / l

A metric measure of volume or capacity.  
1l = 1,000ml





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Mass, Capacity and Temperature Year 2

## Cylinder

A cylindrical shaped container for measuring volume and capacity.

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Mass, Capacity and Temperature Year 2

## Half Empty

When a container has half of its capacity not filled.



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Mass, Capacity and Temperature Year 2

## Warmer



When the temperature is higher.  
e.g. Africa is **warmer** than Antarctica.

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Mass, Capacity and Temperature Year 2

## Full

When a container is filled up to the top with no empty space.






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Mass, Capacity and Temperature Year 2

## Temperature

The measure of how hot or cold something is.

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Mass, Capacity and Temperature Year 2

## Colder



When the temperature is lower.  
e.g. The ice cream is **colder** than the cup of tea.

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Mass, Capacity and Temperature Year 2

## Empty

When a container has not been filled and has nothing in it.





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Mass, Capacity and Temperature Year 2

## Thermometer

The equipment used to measure the temperature of something.




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Mass, Capacity and Temperature Year 2

## Estimate

To make a sensible guess about a value, number or measurement.



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Mass, Capacity and Temperature Year 2

## Half Full

When a container has been filled to half of its capacity.


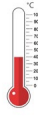


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Mass, Capacity and Temperature Year 2

## Degrees Centigrade / °C

The standard unit of measurement used when measuring temperature.





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Mass, Capacity and Temperature Year 2

## Compare

Looking at the difference between measures.  
Is one greater than the other?  
Are they equal to each other?




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Mass, Capacity and Temperature Year 2

## Less Than

A smaller quantity or amount when comparing.  
The football weighs **less than** the bear.





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Mass, Capacity and Temperature Year 2

## Unit of Measurement

A standard measurement used to measure mass, capacity and temperature.





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Money Year 2

## Equal to

Equal to means the same as.  
The volume of container A is **equal to** the volume of container B




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Mass, Capacity and Temperature Year 2

## More Than

A greater quantity or amount when comparing.  
The Lego man weighs **more than** the feather.



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## Year 2 – Mass, Capacity and Temperature Vocabulary Assessment

Mass		Millilitres / ml		Warmer	
Weigh		Litres / l		Colder	
Balance Scales		Cylinder		Unit of Measurement	
Scales		Full		More than	
Heavier		Empty		Less than	
Lighter		Half Full		Equal to	
Kilograms / kg		Half Empty		Estimate	
Gram / g		Temperature		Compare	
Volume		Thermometer			
Capacity		Degrees Centigrade / °C			

## Year 2 – Mass, Capacity and Temperature Vocabulary Assessment

Mass		Millilitres / ml		Warmer	
Weigh		Litres / l		Colder	
Balance Scales		Cylinder		Unit of Measurement	
Scales		Full		More than	
Heavier		Empty		Less than	
Lighter		Half Full		Equal to	
Kilograms / kg		Half Empty		Estimate	
Gram / g		Temperature		Compare	
Volume		Thermometer			
Capacity		Degrees Centigrade / °C			