This week we are looking at different units of measure

LO: To use metric units (bronze)

1) Sort the metric units into the correct categories.

ml	mm	g	kg	tonne	l	km

Mass	Length	Capacity

2) Circle the most appropriate unit for each item.

a) the mass of an elephant

g kg l tonnes

b) the length of a classroom

cl cm m km

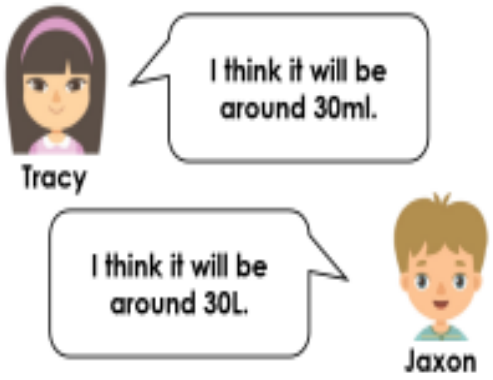
c) the capacity of a water bottle

cm^3 m^3 ml l

d) the length of a fly

mm cm m mg

3) The children are estimating how much water is needed to fill a paddling pool.



Who do you agree with and why?

4) A tennis ball weighs approximately 60g. Estimate the weights for the following:

a football	
a golf ball	
a bouncy ball	
a cricket ball	

This week we are looking at different units of measure

LO: To use metric units (silver)

1) Match the measure to its definition.

length	how much an object weighs
volume	the amount of space enclosed by a container
mass	how much of a solid, liquid or gas an object can hold
capacity	the measurement of something from end to end

2)

It's impossible to measure the school field using centimetres!

Do you agree with Mo? _____

Explain your thinking.

_____

_____

3) Estimate how much water it would take to fill a bath.

4) **The children are estimating how heavy their school desk is.**

Jaiden

I think it will be around 25kg.

I think it will be around $25\frac{1}{2}$ g.

Isaac

Who do you agree with and why?

5) **A cat is approximately 50cm in length. Estimate the lengths for the following:**

a cow	
a mouse	
a pig	
a sheep	

This week we are looking at different units of measure

LO: To use metric units (gold)

1) Circle the best estimate for each item.

a) the capacity of a glass

2 ml 20 ml 200 ml 2,000 ml

b) the length of a rounders bat

50 mm 50 cm 50 m 50 km

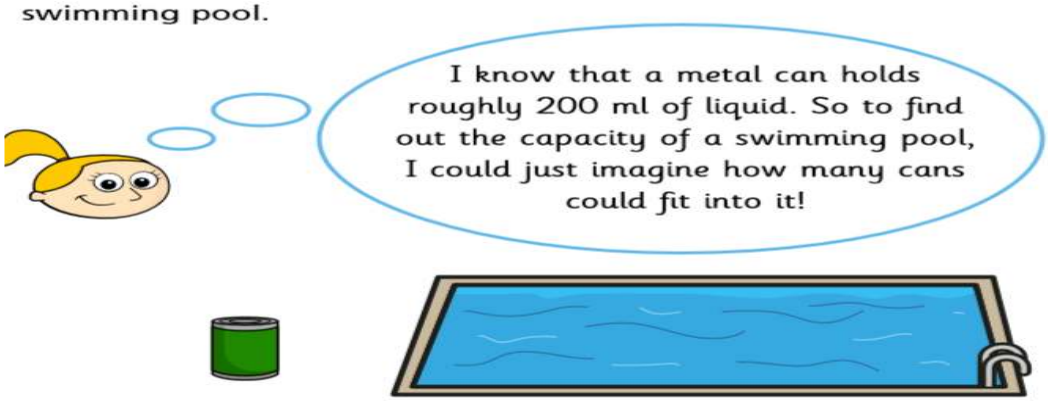
c) the mass of a car

1.5 g 1.5 kg 1.5 tonnes 15 kg

d) the length of a football pitch

100 cm 100 m 100 km 100 mm

2) Eva is thinking about how to estimate the capacity of a swimming pool.

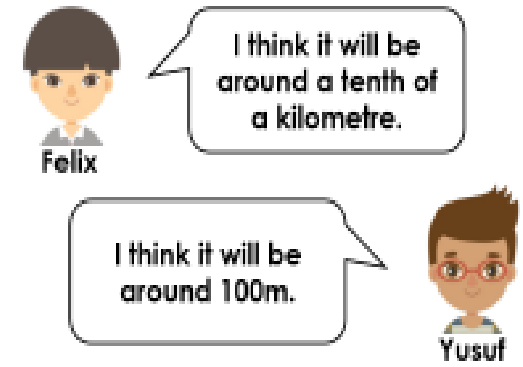


Create your own way of estimating the capacity of a swimming pool.

_____

_____

3) The children are estimating the length of the playground.



Who do you agree with and why?

4) A bottle of pop has a capacity of approximately 1.5L. Estimate the capacities for the following:

a glass of water	
a cup of tea	
a kettle	
a small carton of juice	

This week we are looking at different units of measure

LO: To use metric units (bronze) - answers

1) Sort the metric units into the correct categories.

ml	mm	g	kg	tonne	l	km

Mass	Length	Capacity
g kg tonne	mm km	ml l

2) Circle the most appropriate unit for each item.

a) the mass of an elephant

g kg l **tonnes**

b) the length of a classroom

cl cm **m** km

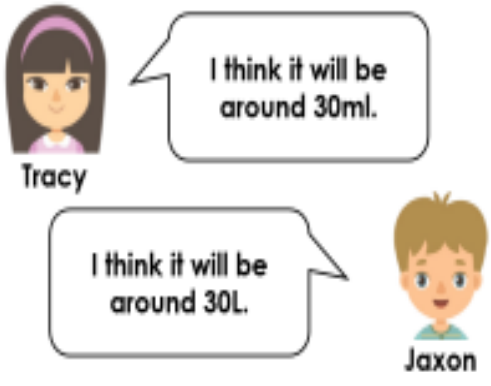
c) the capacity of a water bottle

cm^3 m^3 **ml** l

d) the length of a fly

mm cm m mg

3) The children are estimating how much water is needed to fill a paddling pool.



Who do you agree with and why?

Jaxon, because…

4) A tennis ball weighs approximately 60g. Estimate the weights for the following:

a football	400g
a golf ball	50g
a bouncy ball	10g
a cricket ball	160g

Answers are approx. – may vary

This week we are looking at different units of measure

LO: To use metric units (silver) - answers

1) Match the measure to its definition.

length	how much an object weighs
volume	the amount of space enclosed by a container
mass	how much of a solid, liquid or gas an object can hold
capacity	the measurement of something from end to end

2)

It's impossible to measure the school field using centimetres!

Do you agree with Mo? No

Explain your thinking.

It's not impossible just not the most appropriate/efficient

3) Estimate how much water it would take to fill a bath.

Various

4) The children are estimating how heavy their school desk is.

Jaiden

I think it will be around 25kg.

I think it will be around $25\frac{1}{2}$ g.

Isaac

Who do you agree with and why?

Jaiden, because…

5) A cat is approximately 50cm in length. Estimate the lengths for the following:

a cow	2.5m
a mouse	10 cm
a pig	1.8m
a sheep	1.5m

Answers are approx. – may vary

This week we are looking at different units of measure

LO: To use metric units (gold) - answers

1) Circle the best estimate for each item.

a) the capacity of a glass

2 ml | 20 ml | **200 ml** | 2,000 ml

b) the length of a rounders bat

50 mm | **50 cm** | 50 m | 50 km

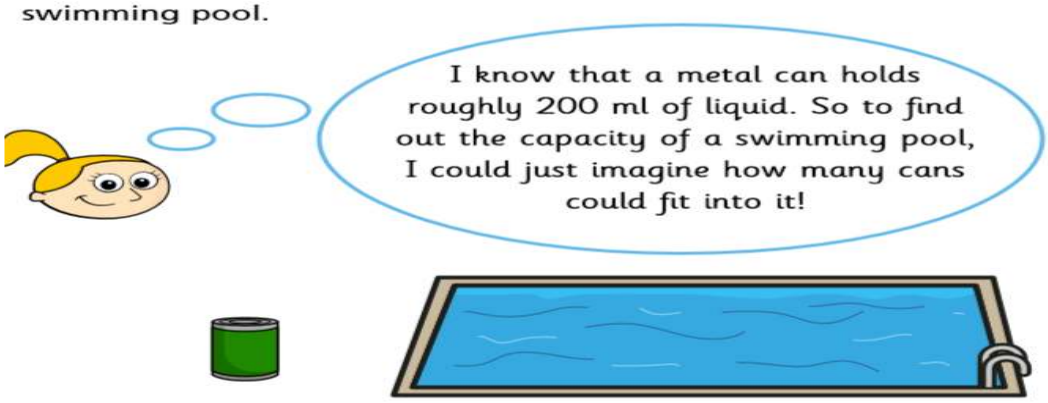
c) the mass of a car

1.5 g | 1.5 kg | **1.5 tonnes** | 15 kg

d) the length of a football pitch

100 cm | **100 m** | 100 km | 100 mm

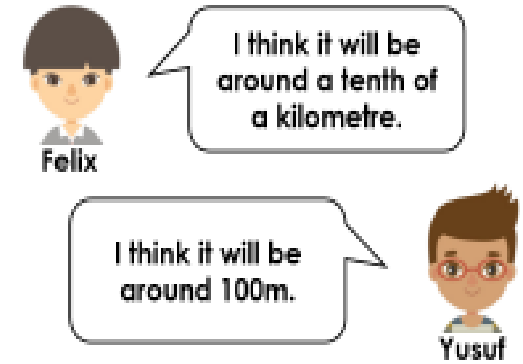
2) Eva is thinking about how to estimate the capacity of a swimming pool.



Create your own way of estimating the capacity of a swimming pool.

Answers will vary

3) The children are estimating the length of the playground.



Who do you agree with and why?

Both of them, because…

4) A bottle of pop has a capacity of approximately 1.5L. Estimate the capacities for the following:

a glass of water	500ml
a cup of tea	450ml
a kettle	1 L
a small carton of juice	250ml

Answers are approx. – may vary