

To be able to identify, read and write metric measurements for length, mass and capacity



Starter:

Which one doesn't belong?

the weight of a banana

a jug's capacity

a cucumber's weight

the mass of a pan

Explain your answer.

To be able to identify, read and write metric measurements for length, mass and capacity



Activity 1:

Match each word to its definition.

capacity

the amount of liquid within a container

length

an object's weight

mass

the amount of liquid a container can hold

volume

the amount an object measures from one end to the other

To be able to identify, read and write metric measurements for length, mass and capacity



Activity 2:

Which unit of measurement would you use to measure the following?

mm cm m km g kg ml l tonnes

the weight of a plane

a drink can's capacity

a long-distance race

volume of water in a pool

To be able to identify, read and write metric measurements for length, mass and capacity



Activity 3:

Which measurement is closest to the length of a golf club?

1 kg

30 ml

110 cm

4 m

Which measurement is closest to the capacity of a teacup?

2 kg

250 ml

2 l

3 mm

Which measurement is closest to the length of an eyelash?

2 mm

3 kg

1 m

12 cm

Which measurement is closest to the mass of a large family car?

30 cm

500 ml

2 tonnes

3 kg

To be able to identify, read and write metric measurements for length, mass and capacity



Activity 4:

James says, "You can't measure the width of the classroom using mm."

Do you agree?

Explain your answer.

To be able to identify, read and write metric measurements for length, mass and capacity



Activity 5:

Ruth and Jamal are saying how much they think the capacity of bottles are.

Ruth says, "A bottle holds 750 ml."

Jamal says, "A bottle holds 2 l."

Both of them could be correct.

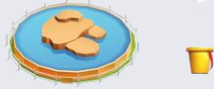
Explain how.

To be able to identify, read and write metric measurements for length, mass and capacity



Activity 6:

Yasmin says, "I know that each yellow bucket holds 1.5 l of water. So, I can figure out the capacity of the pond, by imagining how many buckets would fill the pond."



Write your own strategy for estimating the pond's capacity.

To be able to identify, read and write metric measurements for length, mass and capacity



Activity 7:

James says, "I wonder how heavy the local supermarket building is..."

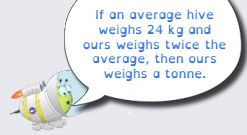


Create a strategy to get a reasonable estimate for James.

To be able to identify, read and write metric measurements for length, mass and capacity



Evaluation:



Do you agree?
Explain your answer.