

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.

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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

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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

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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

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Activity 4:
James says, "You can't measure the width of the classroom using mm."

Do you agree?
Explain your answer.

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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."

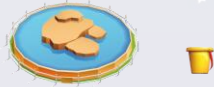
Both of them could be correct.
Explain how.

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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.

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Activity 7:

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

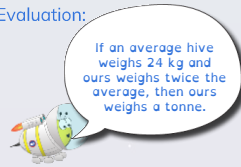


Create a strategy to get a reasonable estimate for James.

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Evaluation:



If an average hive weighs 24 kg and ours weighs twice the average, then ours weighs a tonne.

Do you agree?
Explain your answer.