THIRD SPACE LEARNING

Ready-to-go Lesson Slides Year 2

Measurement Lesson 6

Please note - a variety of different containers with litres clearly labelled (e.g. cola bottle, paint bottle, milk, etc.) will be needed for some activities.

Sum4

At Third Space Learning we provide personalised online lessons from specialist maths tutors to support the target groups in your school.

These ready-to-go slides are designed to work alongside our interventions to supplement quality first teaching and raise attainment in maths for all pupils.

To find out more about how you could use our 1-to-1 interventions year-round to boost maths progress in your school then get in touch:

020 3771 0095
hello@thirdspacelearning.com

Boosting maths progress through 1-to-1 conversations…

THIRD SPACE LEARNING

To use litres to measure volume

- ❑ I can estimate the volume of water in a container in l
- ❑ I can read the scale on a container in l with increasing accuracy

Starter:

Cristina says that the coke bottle holds more than the cup and the glass combined. Is she correct? How do you know?

30 ml

50 ml

85 ml

To use litres to measure volume

- ❑ I can estimate the volume of water in a container in l
- ❑ I can read the scale on a container in l with increasing accuracy

Starter:

Cristina says that the coke bottle holds more than the cup and the glass combined. Is she correct? How do you know?

30 ml

50 ml

85 ml

She is correct because the cup and the glass have a capacity of 80 ml altogether and the coke bottle is 85 ml.

To use litres to measure volume

Talking time:

Find a large container (plastic box/ bucket) . What is the capacity in litres?

To use litres to measure volume

Talking time:

Find a large container (plastic box/ bucket) . What is the capacity in litres?

Dependent on container

To use litres to measure volume

Talking time:

Find a 2nd large container (plastic box/ bucket) . What is the capacity in litres?

To use litres to measure volume

Talking time:

Find a large container (plastic box/ bucket) . What is the capacity in litres?

Dependent on container

To use litres to measure volume

Activity 1:

Look at the containers on your table. Estimate how many litres they each hold. Then identify how many litres each container holds by reading the label or container.

Extension:
Order your containers from highest capacity to lowest capacity.

To use litres to measure volume

Activity 1:

Look at the containers on your table. Estimate how many millilitres they each hold. Then identify how many millilitres each container holds by reading the label or container.

Children to share what they found out

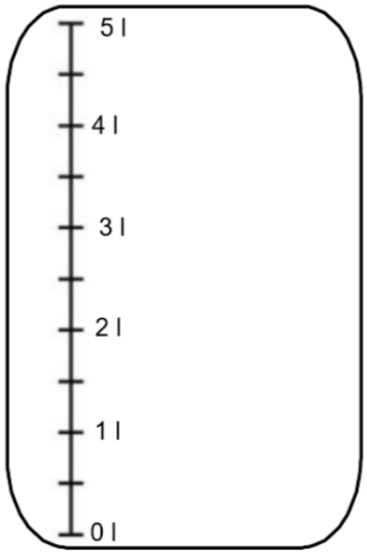
Extension:
Order your containers from highest capacity to lowest capacity.

To use litres to measure volume

Talking time:

Show how much water is in the cylinder if you pour the whole coke bottle into the cylinder.

2 litres



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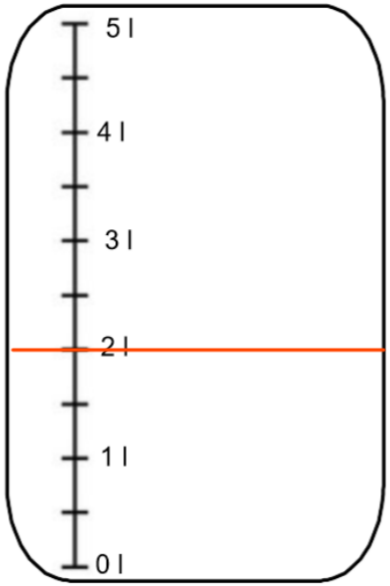
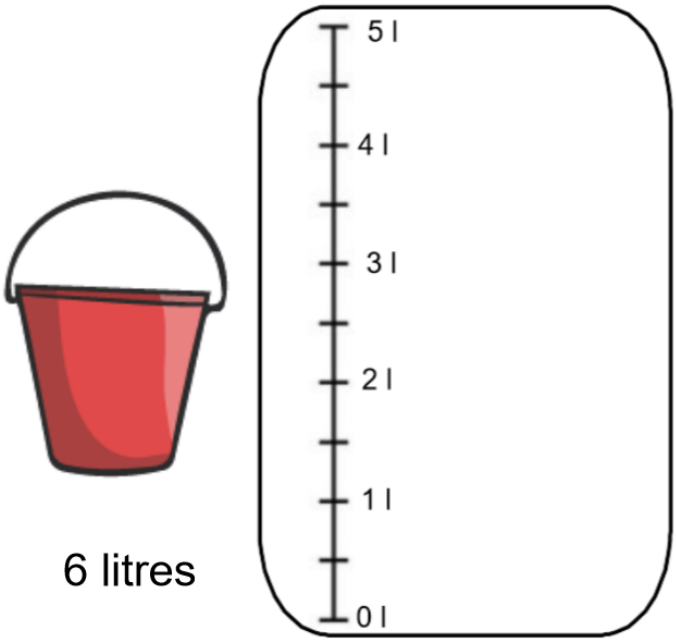


To use litres to measure volume

Talking time:

Show how much water is in the cylinder if you pour half the bucket into the cylinder.



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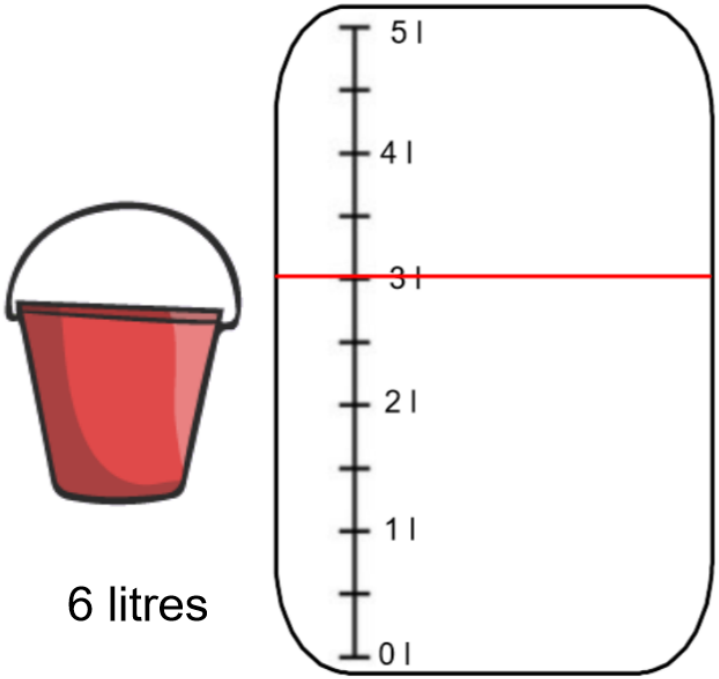
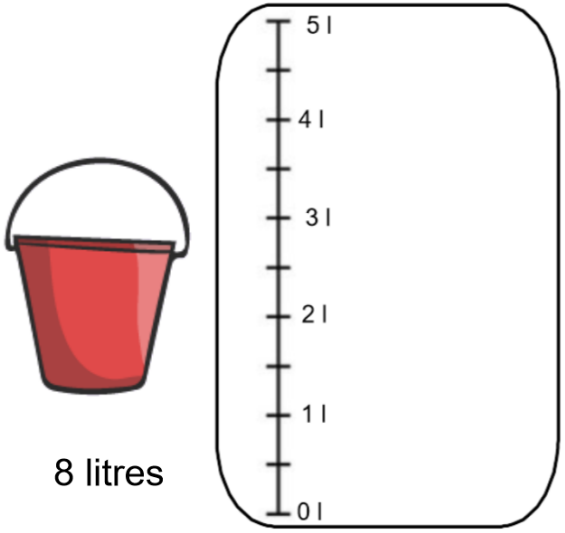


To use litres to measure volume

Activity 2:

Show how much water is in the cylinder if you pour half the bucket into the cylinder.

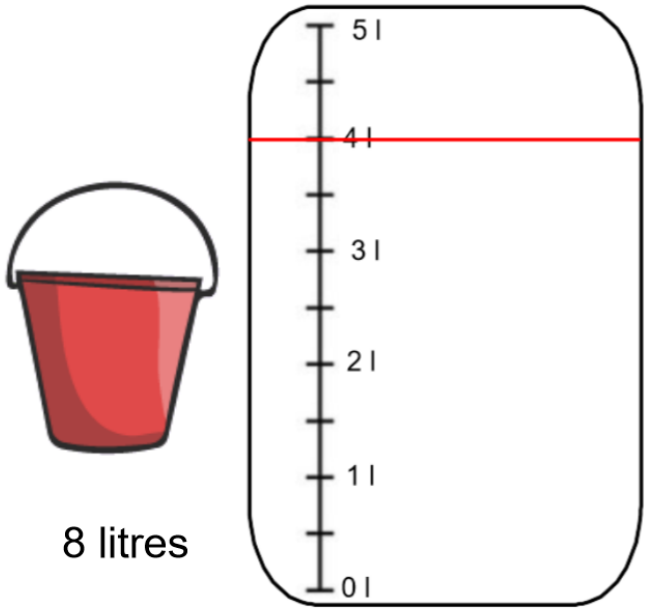


Extension:
Could you pour the whole bucket into the cylinder?

To use litres to measure volume

Activity 2:

Show how much water is in the cylinder if you pour half the bucket into the cylinder.



Extension:
Could you pour the whole bucket into the cylinder?

To use litres to measure volume

Talking time:

Let's measure the capacity of this container in l.

- Fill it with water
- Pour it into a measuring cylinder or jug
- Measure the amount in l

To use litres to measure volume

Activity 3:

Measure the capacity of your containers in l.

- Fill it with water
- Pour it into a measuring cylinder/jug/ l bottle
- Measure the amount in l

Extension:
Order the containers from highest capacity to lowest capacity.

To use litres to measure volume

Activity 3:

Measure the capacity of your containers in l.

- Fill it with water
- Pour it into a measuring cylinder/ l bottle
- Measure the amount in l

Children to share what they found out

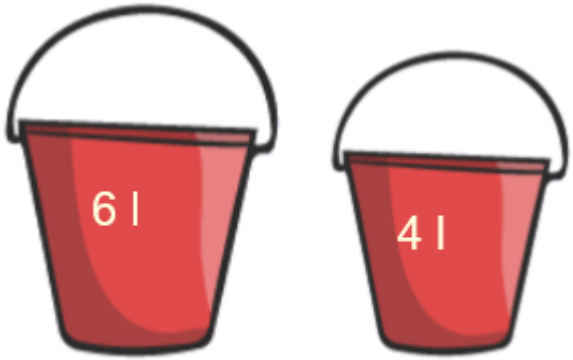
Extension:
Order the containers from highest capacity to lowest capacity.

To use litres to measure volume

- ❑ I can estimate the volume of water in a container in l
- ❑ I can read the scale on a container in l with increasing accuracy

Evaluation:

Jenny wants to measure 2 litres of water. She only has a 6 litre bucket and a 4 litre bucket. How could she measure 2 litres using only these containers?



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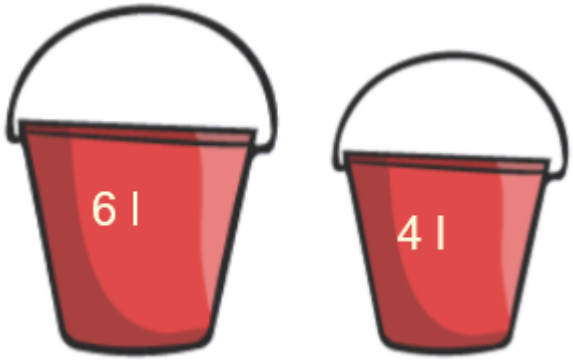

Jenny could fill the 6 litre bucket and pour it into the 4 litre bucket. She would then have 2 litres remaining. 6 l – 4 l = 2 l

Do you have a group of pupils who need a boost in maths this term?

Each pupil could receive a personalised lesson every week from our specialist 1-to-1 maths tutors.

- Raise attainment
- Plug any gaps or misconceptions
- Boost confidence

Speak to us:

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