

# Year 2 Maths

In Year 2, children need to be able to measure the **length, mass, capacity and/or temperature** of an object or liquid. After working with non-standard units of measurement in Year 1, they will now be introduced to metres, centimetres, millimetres, grams, kilograms, millilitres, litres and degrees Celsius. When comparing the mass of different objects, children will initially use balance scales, before moving on to standard scales. They will use containers to compare capacity and volume of a liquid, and should recognise that *capacity* is the amount of liquid a container can hold, whilst *volume* is how much liquid is in the container. Children will be encouraged to use the words 'quarter', 'half' and 'three quarters full' to describe the volume of liquid in a container. They will also have a go at using thermometers to measure temperature. For all of this equipment, children will need to rely on their ability to count in 2s, 5s and 10s in order to read the scales.

## Activities & Games!

★ **Make a see-saw:** Make yourself a see saw using a ruler and a plastic bottle. Now see if you can find two different items that will make your see saw balance.



★★ **Guess the weight:** Choose any object around the house that will fit on to some kitchen scales. You and a partner must now make a sensible guess about how much it weighs. Then use a set of scales to see who is the closest. You could even make up a game which means the closer you are to the correct weight, the more points you win!

★★★ **Find the length:** Get a grown up to give you a length in cm and mm. Your job is to find an object that is as close to that length as possible. Did you manage it?

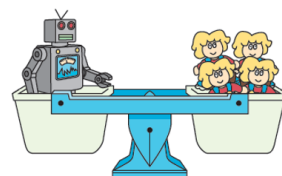
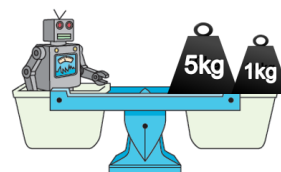
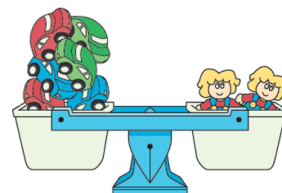
★★ **Bottles and Jars:** Find a collection of jars and bottles of different sizes and shapes, perhaps like these.



Number the bottles/jars 1 to 8 from left to right. Can you find out: How many 2s are needed to fill 1? How many 3s are needed to fill 4? How many 2s are needed to fill 6? How do you know? You could create your own questions for yourself or friends to answer.

## Going deeper...

What is the weight of one car? Explain how you know.



## Wonderful websites

[Measuring in Centimetres](#)

[Happy Camel](#)

[Capacity countdown](#)

[Mostly Postie](#)

## My Maths

Use our school log in (Username: **coleridge1**, Password: **success74**) and then your own log in details to access activities related to this topic on the MyMaths website.

You can also have a look to see if there are some other fun games you would like to play!