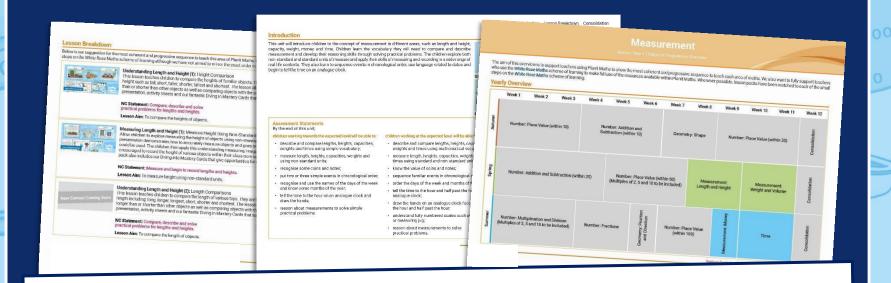
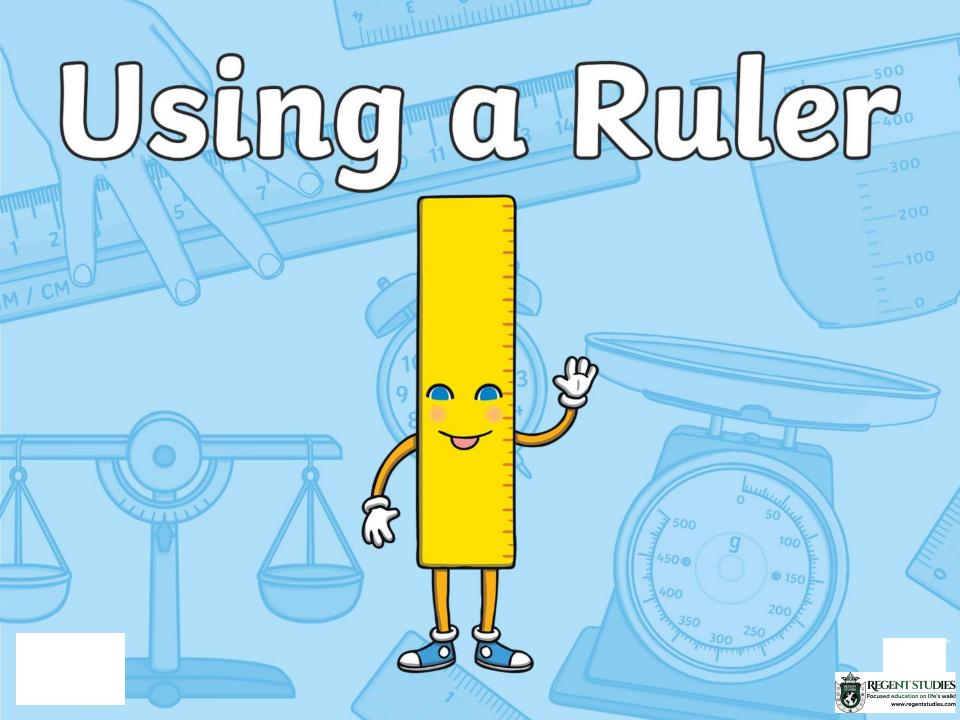


Need a coherently planned sequence of lessons to complement this resource?







Aim

• To measure length and height in centimetres.

Success Criteria

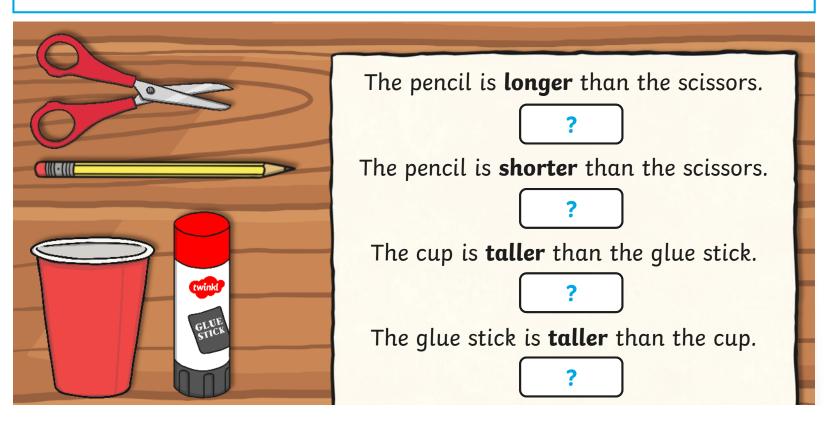
- I can name some tools used for measuring in centimetres.
- I can understand how to use different rulers to measure in centimetres.
- I can measure how long or tall an object is in centimetres.
- I can measure how long or tall a line is in centimetres.



Remember It



Compare the length and height of these objects. Are the sentences true or false? How do you know?







If we want to find out how tall or long something is, we can measure it.

We have been measuring using paperclips, cubes and our hands.

Are all our hands the same size?
How might that make measuring tricky?







If we want to find out how tall or long something is, we can measure it.

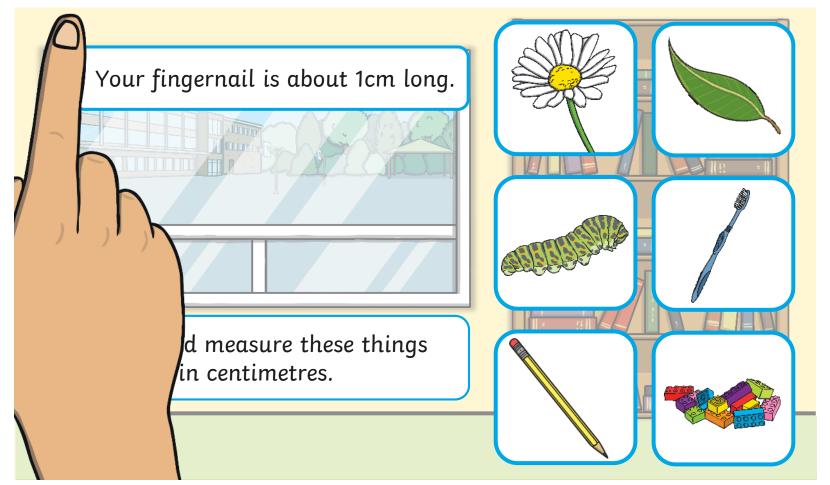
When we measure, we can use standard units so we can compare measurements and talk about them with other people.

We can measure length and height in **centimetres**.

We can write centimetres as <u>cm</u>. 5 centimetres = 5cm



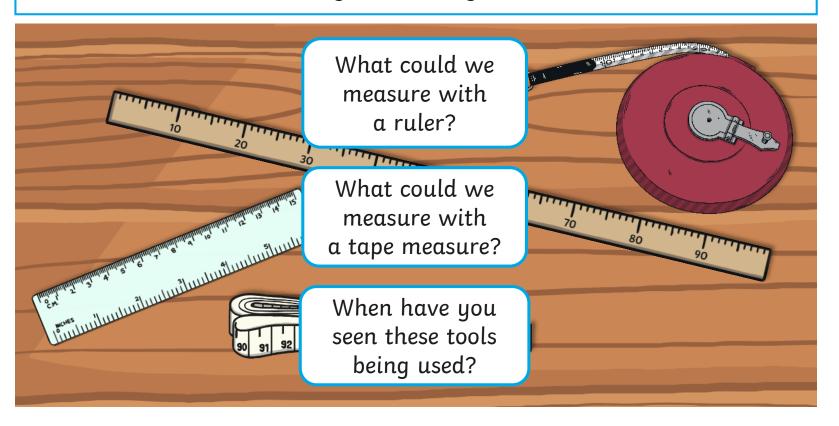








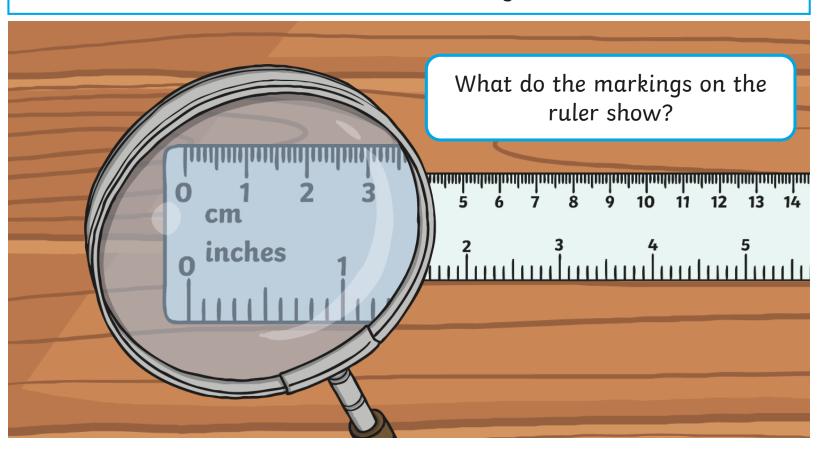
Rulers and tape measures are both tools we use to measure heights and lengths.







Look at the ruler. What do you see?

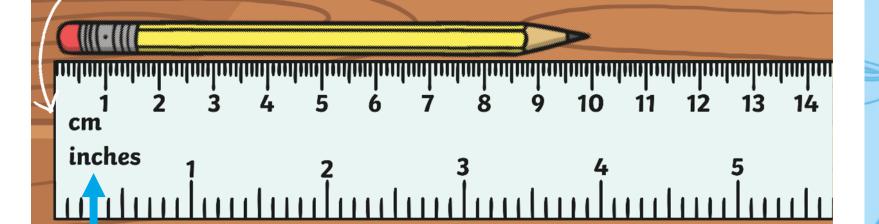






Look at the ruler. What do you see?

Some rulers start at the 0 mark.
You can line up the thing you are measuring with the end of these rulers.

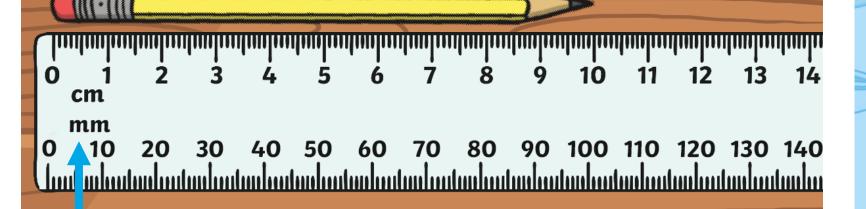


Some rulers have measurements in inches on them too.





Some rulers have the numbers in-between the centimetre markings.



Some rulers have measurements in millimetres on them too.

There are 10mm in 1cm.





Some rulers have the numbers in-between the centimetre markings. You can start measuring from the end of the ruler.



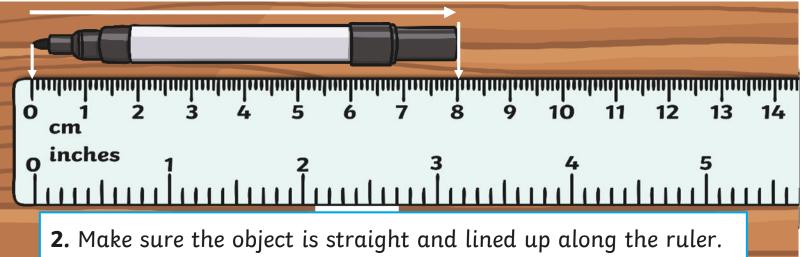
To measure with this type of ruler, look at the number in the space before the centimetre marking.

This pencil is 10cm long.





1. Make sure the thing being measured is lined up with 0. This might be the end of your ruler.



3. Look at the end of the thing being measured. Read the number on the ruler.

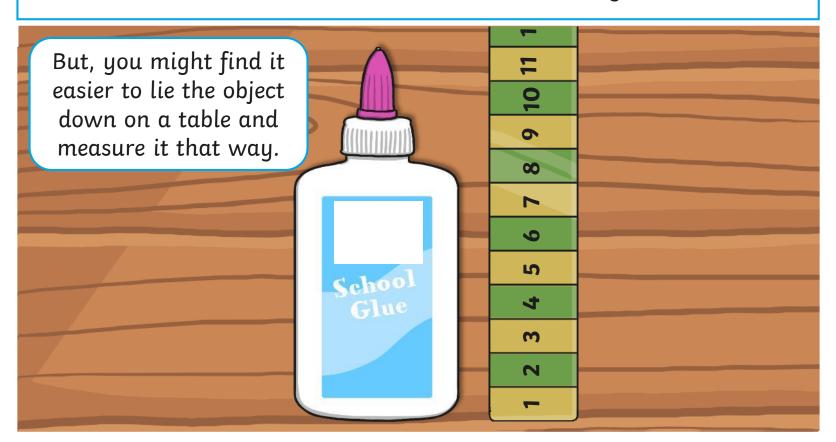
How long is this pen?

This pen is 8cm long.





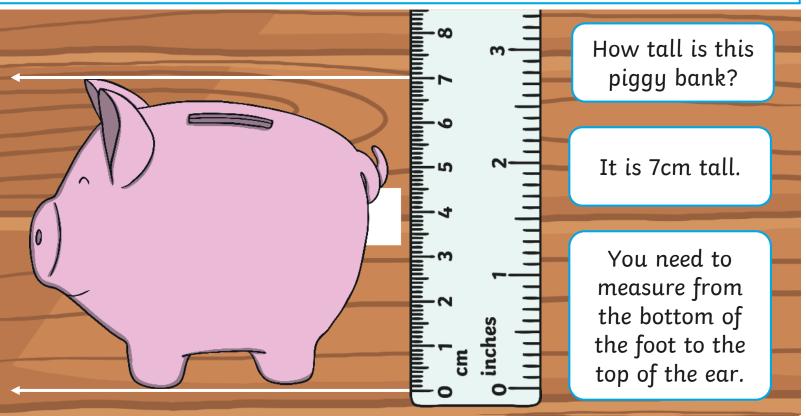
You can use a ruler to measure how tall something is like this:





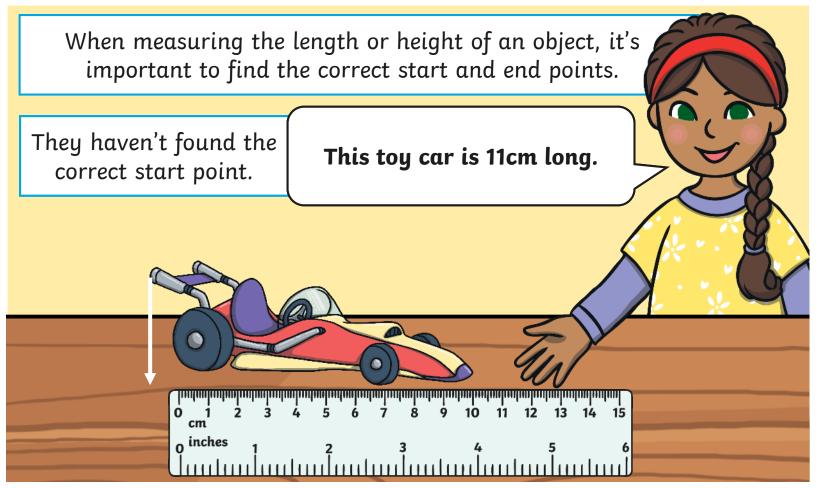


When measuring the length or height of an object, it's important to find the correct start and end points.





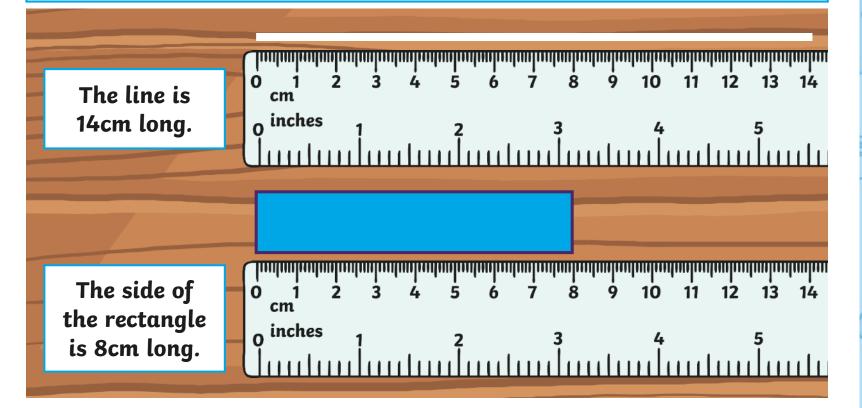








We can also use rulers to measure the lengths of lines or sides of a shape. How long are these? How do you know?

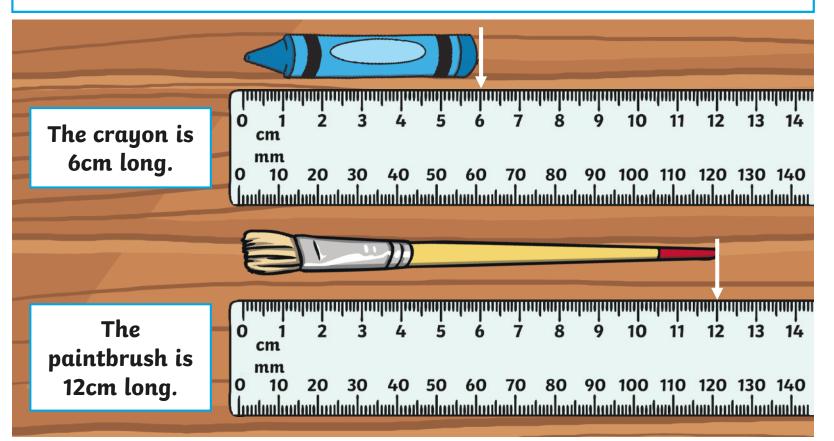




Get Measuring!



The paintbrush is the longest.

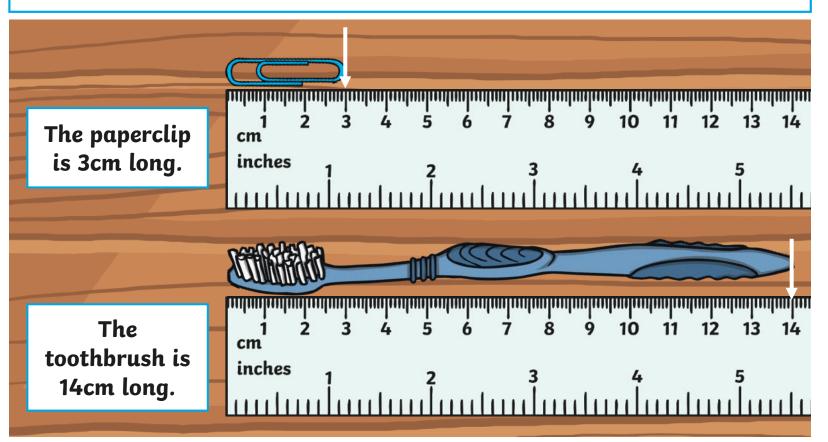




Get Measuring!

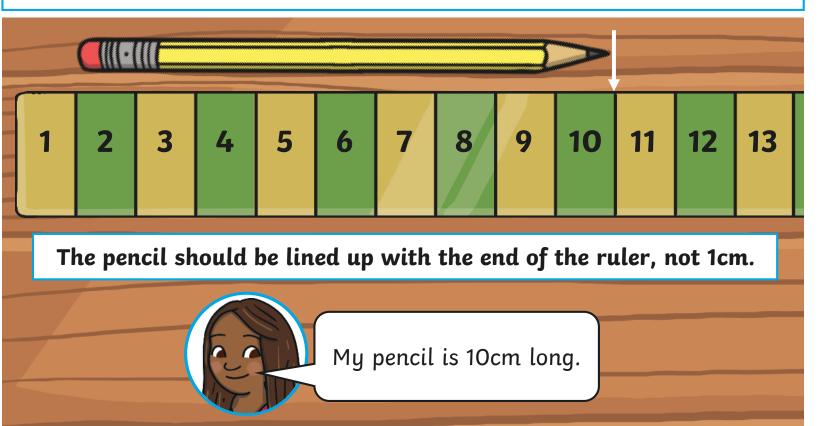


The paperclip is the shortest.



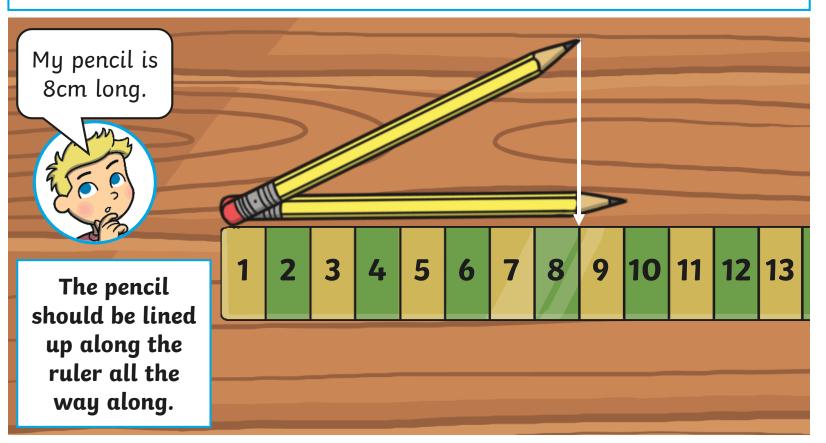






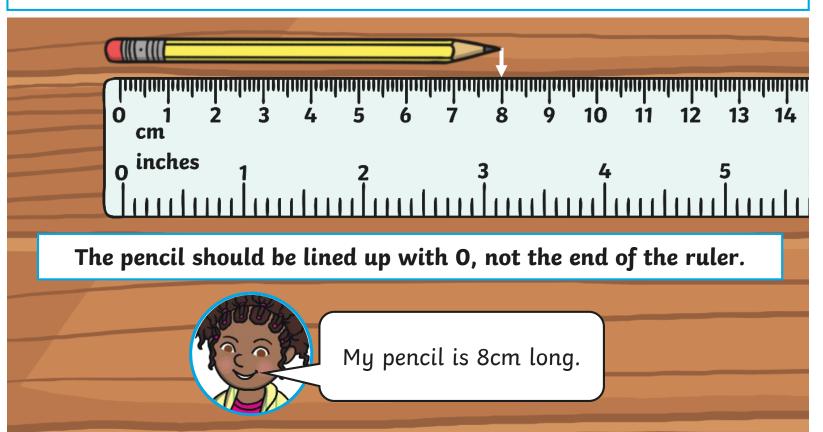






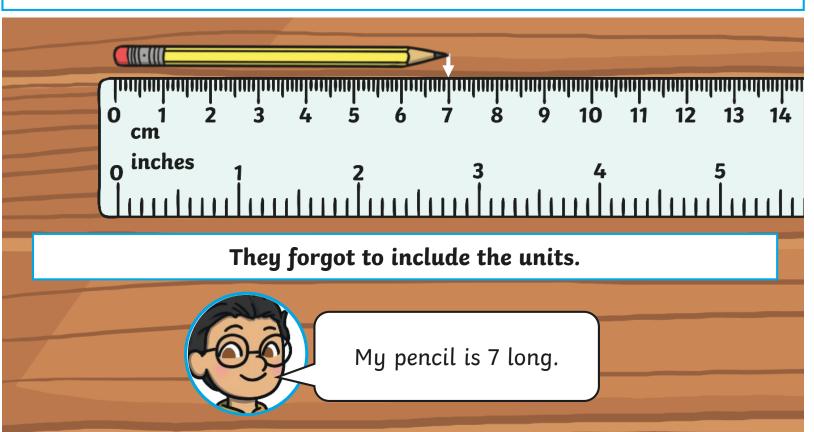










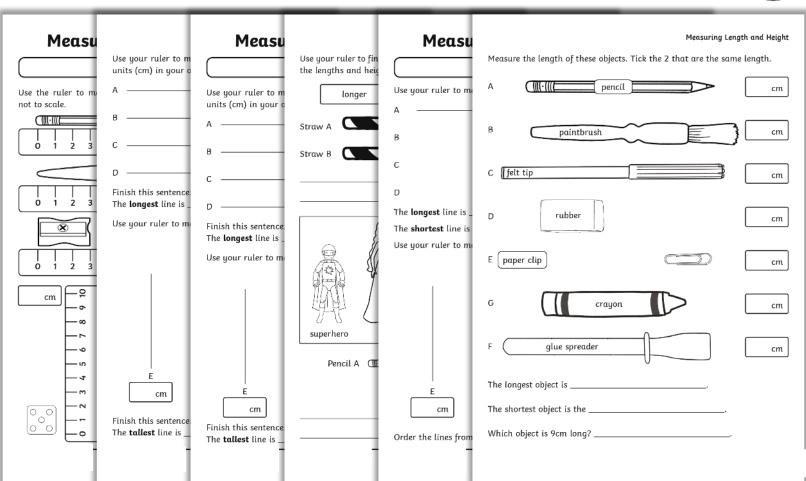




How Tall?

imminimum minimum mini







Diving into Mastery

Dive in by completing your own activity!

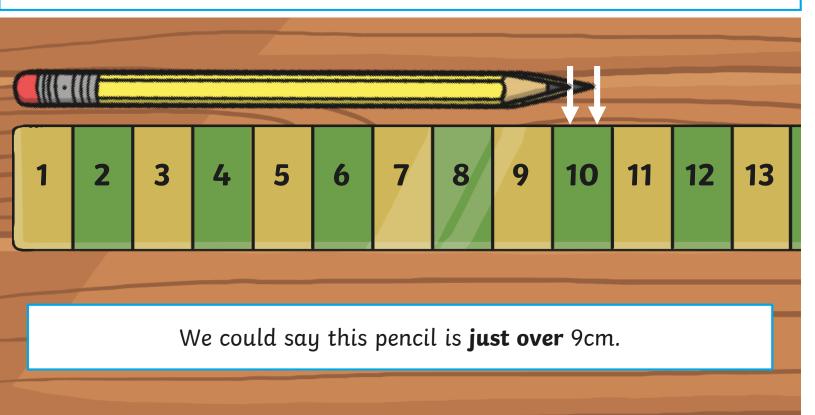




Almost or Nearly



What if this happens?





Aim



• To measure length and height in centimetres.

Success Criteria

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