

## Measure Length (m)

### Adult Guidance with Question Prompts



Children start to use metres to measure larger objects. They consider which standard unit to use to measure the length of different objects, e.g. centimetres or metres, and explain their reasoning. Children learn that 100 centimetres is equal to one metre. At this stage, they don't need to convert from metres to centimetres.

Please note: the rulers shown on the activity card are not to scale.

Why are metres sometimes used to measure length/height?

What would you use to measure longer objects/distances?

Why is it better to use metres instead of centimetres to measure the length or height of longer objects/distances?

Can you find some things that are longer/shorter than a metre and sort them into two groups?

How can you use the metre stick to check the length?

Can you find something that measures exactly one metre? How can you check?

Can you count in steps of 10cm to the end of the metre stick? Which number is at the end?

Can you complete the sentence?

## Measure Length (m)



Measure objects with a metre stick and sort them into groups.

Shorter Than 1 Metre

Longer Than 1 Metre

Can you find something that measures exactly 1 metre?

Count in jumps of 10cm to the end of the metre stick.



1 metre is equal to \_\_\_\_\_ centimetres.

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Children start to use metres to measure larger objects. They consider which standard unit to use to measure the length of different objects: centimetres or metres, and explain their reasoning. Children begin to use their knowledge and understanding of centimetres and metres to make sensible and logical estimations. Please note: the rulers shown on the activity card are not to scale.

**Do you think the slide is shorter than one metre?**

**Is the slide taller or shorter than the boy?**

**How tall do you think the boy might be?**

**How does that help you estimate the height of the slide?**

**Have you been on a swing before?**

**Was it taller/shorter than you?**

**Read one measurement at a time. What would this look like?**

**Can you use a ruler/metre stick to check?**

**Which measurement do you think is correct?**

**Have you played with toys like this before?**

**Would you be able to measure them in metres? Why?**

**Which unit would you choose to measure them? Why?**

**Can you make a metre/centimetre challenge for a friend?**

**Would you measure this object in metres or centimetres?**

## Measure Length (m)



**The slide is shorter than 1 metre.**



**Do you agree?  
Explain why.**

**Which measurement could match the height of the swing? Tick it.**

2 Centimetres

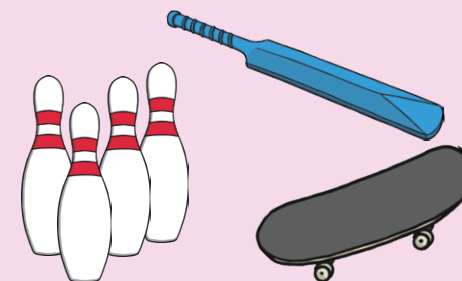
20 Centimetres

2 metres

20 metres



**Would you measure these toys in metres or centimetres?**



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Children start to use metres to measure larger objects.

They consider which standard unit to use to measure the length of different objects: centimetres or metres and explain their reasoning.

Children use their understanding of metres to solve problems.

Measurements can be recorded in mixed units such as 1 metre and 10 centimetres.

Please note: the rulers shown on the activity card are not to scale.

**Imagine these objects are real. They have been sorted into two groups: measure in metres/centimetres.**

**Look at each object. Do you agree with where they have been placed? Can you explain why?**

**What would you add to each set?**

**Can the children measure the classroom with one metre stick?**

**What would they need to do?**

**Can you measure the length of our classroom with a metre stick?**

**What do we need to remember?**

**Can you make a similar challenge for your friend?**

## Measure Length (m)



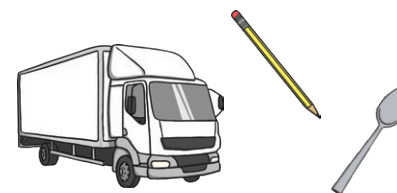
I have chosen which unit I would use to measure these objects. Do you agree with my work below?



Measure in metres (m)



Measure in centimetres (cm)



What other objects could you add to each group?



I only have 1 metre stick, so I can't measure the length of the classroom.

Can you use a metre stick to find the length of the classroom?



Our classroom is \_\_\_\_\_ metres and \_\_\_\_\_ centimetres long.