# Year 1: Week 4, Day 5 <br> Measuring height and length (2) 

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the Learning Reminders. They come from our PowerPoint slides.

2. Tackle the questions on the Practice Sheet. There might be a choice of either Mild (easier) or Hot (harder)!
Check the answers.

3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the Investigation...

## Learning Reminders

## Estimate/measure length using cubes/bricks.



## Learning Reminders




## Practice Sheet Hot <br> Longer or shorter than a metre?

Ask an adult to show you how long one metre is on a tape measure. Think of objects which might be shorter or longer than 1 metre. Write or draw them in the table.

| Shorter than one metre | Longer than one metre |
| :--- | :--- |
|  |  |

## Challenge

Find something as close to one metre as possible.
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## Practice Sheet Answers

## Measuring with small blocks/Lego bricks (mild)

## Challenge

Write the objects in order from longest to shortest.
B, F, E, D, A, C

Longer or shorter than a metre (hot)

| Shorter than a metre | Longer than a metre |
| :--- | :--- |
| Classroom items could include: <br> exercise books <br> short rulers <br> pencils <br> crayons <br> teddy bear... | Classroom items could include: <br> tables if measured along their length <br> drawers measured along their length |

## A Bit Stuck? Teddy long legs

## Work in pairs

Things you will need:

- Teddies
- Small blocks/Lego bricks
- A pencil


## What to do:

- Take two teddies.

Which do you think has longer legs? Which do you think has shorter legs?

- Use small blocks/Lego bricks to measure the teddies' legs.
- Write the two numbers of small blocks/Lego bricks. Ring the bigger number.

- Put the teddies back.

Take two different teddies.
Measure their legs using small blocks/
Lego bricks.
Write down the two numbers.
Ring the bigger number.

- Repeat with another pair of teddies.


## S-t-r-e-t-c-h:

Write all the leg lengths in order, from shortest to longest.
Did the tallest teddy have the longest legs?
Did the shortest teddy have the shortest legs?

## Learning outcomes:

- I can compare heights and lengths.
- I can measure heights and lengths using small blocks/Lego bricks.
- I can use words like shorter, taller and longer.
- I am beginning to compare more than two heights or lengths.
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## Investigation

## Make a stick

1. Find items from around your home which are shorter than one metre.

Place them on the carpet.
2. With an adult, find a group of items that - when they are placed end to end measure one metre in total.
3. Try again with another group of items. You've made a 'metre stick' of things!
4. Turn your back on your metre stick of things. Can you hold your hand above the floor to show an estimate of a metre? Ask someone to check. How close were you?.

