Year 2 – Spring Block 5 – Length and Height – Compare Lengths

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 2: (2M1) Compare and order lengths, mass, volume/capacity and record the results using >, < and =

Mathematics Year 2: (2M2) Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit using rulers, scales, thermometers and measuring vessels

More Year 2 Length and Height resources.

Did you like this resource? Don't forget to review it on our website.

Step 3: Compare Lengths

Sort the objects according to the unit you would use to measure them.

cm	m

Sort the objects according to the unit you would use to measure them.

Match the animals to their estimated lengths.

1m

4m

1cm

Match the animals to their estimated lengths.

1m

4m

1cm

Arrange the measurements from shortest to longest.

| 7 centimetres | 20cm | 9 centimetres |

Arrange the measurements from shortest to longest.

7 centimetres	**20cm**	**9 centimetres**
7 centimetres	**9 centimetres**	**20cm**

Which statements are true?

A.　　　84m　　>　　64m

B.　　　56cm　　<　　56m

C.　　　10m　　=　　10cm

Which statements are true?

A. **84m** **>** **64m**

B. **56cm** **<** **56m**

C. 10m = 10cm

Fill in the blanks to make the statements true.

36 centimetres_____36cm

96 centimetres_____63cm

49cm_____56cm

is shorter than	is the same as

is longer than

Fill in the blanks to make the statements true.

36 centimetres <u>is the same as</u> 36cm

96 centimetres <u>is longer than</u> 63cm

49cm <u>is shorter than</u> 56cm

**Susan's ribbon is 59cm long and is shorter than Saffron's.
Toby's ribbon is the longest and measures 100cm.**

48cm   **73cm**   **1m**

Choose which measurement could describe Saffron's ribbon.

Susan's ribbon is 59cm long and is shorter than Saffron's. Toby's ribbon is the longest and measures 100cm.
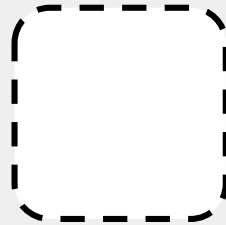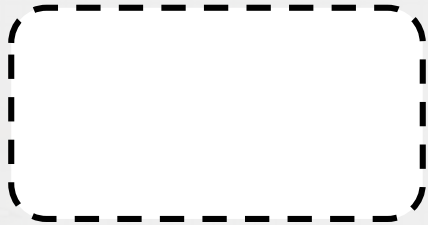
48cm   **73cm**   1m

Choose which measurement could describe Saffron's ribbon.

Arrange the cards below in the following template to create three true statements.

>	30m	<

68cm	68m

Arrange the cards below in the following template to create three true statements.

> | 30m | <

68cm | 68m

Various answers, for example:

30m < 68m, 68cm < 68m, 68m > 30m

Sara uses a tape measure to find the length of three sand pits.

Pit A is 2m long, Pit B is 3m long and Pit C is 4m long.

Sara says,

Pit B is the smallest sand pit.

Is she correct? Explain how you know.

Sara uses a tape measure to find the length of three sand pits.

Pit A is 2m long, Pit B is 3m long and Pit C is 4m long.

Sara says,

Pit B is the smallest sand pit.

Is she correct? Explain how you know.

Sara is not correct because…

Sara uses a tape measure to find the length of three sand pits.

Pit A is 2m long, Pit B is 3m long and Pit C is 4m long.

Sara says,

Pit B is the smallest sand pit.

Is she correct? Explain how you know.

Sara is not correct because 2m is smaller than 3m, so Pit A is the smallest sand pit.