

# Master Measuring Length in Mixed Measures (m and cm) B

## Rationale

In this step, pupils develop their understanding of measuring length and height using metres and centimetres. They will build on their practical work in the previous step by reading the lengths of objects alongside visual representations of metre sticks and tape measures. For example, 4m and 12cm.

They will record their measurements using the abbreviations 'm' and 'cm'. Pupils will develop their learning by estimating the length of objects in metres and centimetres.



## Key Stem Sentences

- The length / height of the \_\_\_\_\_ is \_\_\_m and \_\_\_cm.
- An estimation for the length / height of the \_\_\_\_\_ is \_\_\_m and \_\_\_cm.



## Key Vocabulary

- length / height
- metres / m
- centimetres / cm
- estimation



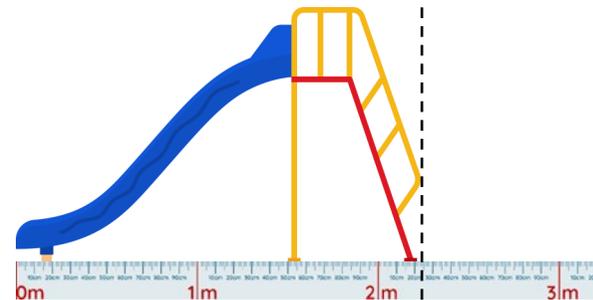
## Common Errors or Misconceptions

- Pupils may misread the measuring equipment.
- Pupils may not measure from the correct starting point on the metre stick or tape measure.



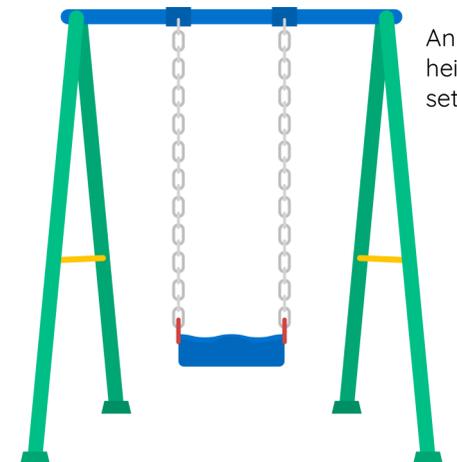
## Key Equipment

### Tape measure



The length of the slide is 2m and 23cm.

### Metre stick



An estimation for the height of the swing set is 2m and 10cm.



## Pupils will FLOURISH if they can...

- accurately record lengths or heights to exact measurements in metres and centimetres.
- record lengths or heights using the abbreviations 'm' and 'cm'.
- make appropriate estimates of lengths or heights in metres and centimetres.
- begin to explain their understanding using 'Decide, Assess, Back up', given stems and representations.

