

# Master Measuring Length in Millimetres (up to 300mm) B

## Rationale

In this step, pupils develop their understanding of measuring length and height using millimetres. They will build on their practical work in the previous step by reading the lengths of objects alongside visual representation of rulers. For example, 83mm.

They will record their measurements using the abbreviation 'mm'. Pupils will develop their learning by estimating the length of objects in millimetres using a benchmark.



## Key Stem Sentences

- The length / height of the \_\_\_\_\_ is \_\_\_\_mm.
- An estimation for the length / height of the \_\_\_\_\_ is \_\_\_\_mm.



## Key Vocabulary

- length / height
- millimetres / mm
- estimation



## Common Errors or Misconceptions

- Pupils may misread the measuring equipment.
- Pupils may not measure from the correct starting point on the ruler.



## Key Representations

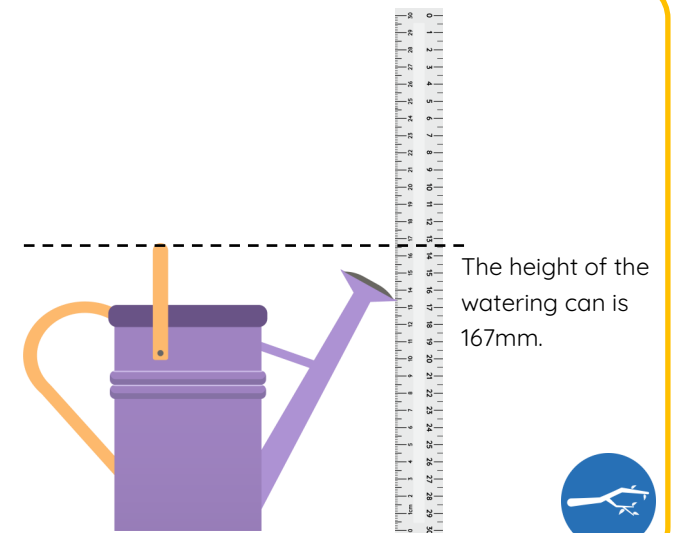
### Ruler



The length of the leaf is 92mm.



An estimation for the length of the snail is 5cm and 5mm.



The height of the watering can is 167mm.



## Pupils will FLOURISH if they can...

- accurately record lengths or heights to exact measurements in millimetres.
- record lengths or heights using the abbreviation 'mm'.
- make appropriate estimates of lengths or heights in millimetres.
- begin to explain their understanding using 'Decide, Assess, Back up', given stems and representations.

