

Master Drawing Lengths in Mixed Measures (cm and mm)

Rationale

In this step, pupils will build upon their understanding of drawing lengths in centimetres in Year 2 to draw lengths in mixed measures of centimetres and millimetres. They will understand the importance of looking at the ruler carefully and starting their line from 0

They will learn skills to ensure their line is straight and they will check their line for accuracy.



Key Stem Sentences

- The line measures ___cm and ___mm.



Key Vocabulary

- centimetre / millimetre
- ruler
- length / long
- zero



Common Errors or Misconceptions

- Pupils may start from the wrong position.
- Pupils may not hold the ruler firmly, resulting in a crooked line.
- Pupils may read the ruler incorrectly and draw to the incorrect millimetre.



Key Representations

Rulers



The line measures 15cm and 2mm.



The line measures 20cm and 9mm.



Pupils will FLOURISH if they can...

- accurately draw lines to given lengths in mixed centimetres and millimetres.
- check the accuracy of their drawn lines.
- begin to explain their understanding using 'Decide, Assess, Back up', given stems and representations.

