

Lesson 52 MEASURES

Measures investigation – estimate then measure around the room and yard

WHAT THIS LESSON TEACHES

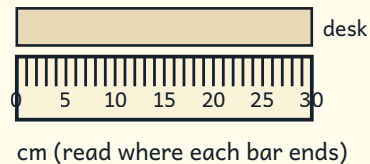
An estimate is a sensible guess of a measurement you make BEFORE using any instrument, using what you already know about sizes. After you estimate, you measure, then you work out the gap between your guess and the real measure.

- You guess the door is about 2 m tall, then a metre stick shows 210 cm.
- You guess a desk is 40 cm wide, you measure 45 cm, so your gap is 5 cm.

MODEL THIS ON THE BOARD

ESTIMATE THEN MEASURE A DESK

- 1 Look at the desk and estimate its width as about **50 cm**.
- 2 Measure along the ruler: the desk is **58 cm** wide.
- 3 The gap is **58 cm – 50 cm = 8 cm**, so the estimate was close.



DISCUSSION STARTER

REFLECT

When you estimated then measured around the room, were you usually close? What helped?

ANSWER KEY

Scaffold: visual check on the page

Q1: 15 cm

Q2: 5 cm

Q3: kilograms

Q4: 10 cm

Q5: 45 cm

EXTENSION SHEET · STRETCH ANSWERS

S1: 270 mm

S2: 7800 cm

S3: 14.6 cm

S4: 28.6 cm

S5: 18.4 cm