

Measures investigation – estimate then measure around the room

WHAT THIS LESSON TEACHES

Estimate a measurement first using something you know as a guide, then measure it with the right tool.

→ A metre stick is about as tall as your waist, so you might estimate the desk is about 60 cm long before measuring.

→ You estimate 70 cm and measure 65 cm – you were only 5 cm out.

MODEL THIS ON THE BOARD

ESTIMATE THEN MEASURE A CLASSROOM DESK

- 1 Look at the desk and think of something you know like your waist height.
- 2 Say your estimate out loud using centimetres.
- 3 Choose the metre stick and measure the length.
- 4 See how close your estimate was to the measured length.

DISCUSSION STARTER

REFLECT When you estimated before measuring, were you usually close? What helped?

ANSWER KEY

a) 60 cm

b) 65 cm

c) 5 cm

Q1: Pupil's own estimate and measurement, in cm

Q2: Pupil's own estimate and measurement, in g

Q3: (none)

Q4: Pupil's own estimate and measurement, in m

a) Always — The rule says estimate first using something you know.

b) Never — Estimates are guesses so they are often a little different.

c) Always — The right tool depends on the size of the object.

d) Always — The stations cover all three types of measure.