

Measure and compare objects using familiar metric units of length...

measure and compare objects using familiar metric units of length, mass and capacity, and instruments with labelled markings

Learning intention

- measure and compare objects using familiar metric units of length, mass and capacity, and instruments with labelled markings

Teach and model

- making a measuring tape using metric units of length and using it to measure and compare things; for example, the girth of a tree; explaining that the lines on a ruler...
- using a strip of centimetre grid paper to measure and compare the length of objects, connecting this with centimetre units on a ruler and using fractions of a graduation to...
- discussing how the capacity of a container or object usually refers to the amount of liquid it can hold, measured in millilitres and litres; comparing the capacity of different sizes of...

Check understanding

- Explain the main idea in measure and compare objects using familiar metric units of length... using an example.
- Show the idea in a second way: with words, a model, a diagram or symbols.
- Apply the idea to a short unfamiliar situation and justify the result.

Teaching cautions

- Ask the student to explain their choice, not only state an answer.
- Check that key vocabulary is understood in a new example.
- Mix representations so the skill is transferred rather than copied.

Quick lesson sequence

- Connect to prior knowledge and introduce the key vocabulary.
- Model one clear example, then solve a second example together.
- Finish with an independent check and a short student explanation.