

Which metric units are used to measure everyday items; use...

identify which metric units are used to measure everyday items; use measurements of familiar items and known units to make estimates

Learning intention

- identify which metric units are used to measure everyday items; use measurements of familiar items and known units to make estimates

Teach and model

- examining the packaging on supermarket items to determine the metric unit used to describe the mass or capacity of the contents
- identifying items that have a mass of one kilogram or 500 grams, or a capacity of one litre or 500 millilitres and using these benchmarks to estimate the mass or...
- estimating the height of a tree by comparing it to the height of their friend and quoting the result as "the tree is about 3 times as tall"; estimating the capacity of a fish tank...

Check understanding

- Explain the main idea in which metric units are used to measure everyday items; use... 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.