

Measure and compare objects based on length, capacity and mass...

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Learning intention

- measure and compare objects based on length, capacity and mass using appropriate uniform informal units and smaller units for accuracy when necessary

Teach and model

- choosing suitable informal units to measure the length of a range of objects; justifying their choice of a longer unit to measure things that are long, such as the width of a...
- comparing the capacity of several containers using sand and units such as a spoon or cup, to say which container will hold the most and how much more it will hold; recording the...
- using balance scales to compare the mass of several objects, selecting an appropriate informal unit; counting the number of informal units to determine which object is...

Check understanding

- Explain the main idea in measure and compare objects based on length, capacity and mass... 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.