

Making and recording observations

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Learning intention

- make and record observations, including informal measurements, using digital tools as appropriate

Teach and model

- exploring what an observation is, and different ways to make observations through guided discussion
- counting and using informal measurements such as cups, handspans, walking paces, blocks, pencil lengths or lengths of string
- making suggestions about types of measurements that may be made during an investigation, including using blocks to measure plant growth or paces to measure...

Check understanding

- Explain the main idea in making and recording observations 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.