

Follow procedures to make and record observations, including making formal...

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Learning intention

- follow procedures to make and record observations, including making formal measurements using familiar scaled instruments and using digital tools as...

Teach and model

- using appropriate equipment to make and record observations, such as digital cameras, video, voice recorders and scaled instruments with appropriate increments
- exploring how to use equipment such as thermometers or measuring cylinders and making readings with guidance
- collaboratively designing a table to collect observations in the form of numerical data, written descriptions, drawings or photos

Check understanding

- Explain the main idea in follow procedures to make and record observations, including making formal... 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.