

Engage in investigations safely and make observations using their senses

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Learning intention

- engage in investigations safely and make observations using their senses

Teach and model

- discussing ways to conduct investigations safely, such as by being sun safe, not running with equipment, not tasting objects or materials, and following teacher...
- explaining safety considerations for using the senses of touch, smell, sight and hearing, and discussing why we do not use taste to make observations in science
- using provided tools such as binoculars, magnifying glasses, digital photography or video to enhance their observations of plants and animals

Check understanding

- Explain the main idea in engage in investigations safely and make observations using their senses 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.