

The ways people make and use observations and questions to...

explore the ways people make and use observations and questions to learn about the natural world

Learning intention

- explore the ways people make and use observations and questions to learn about the natural world

Teach and model

- using their senses to make observations and exploring how scientists use their senses as well as equipment to make observations
- viewing examples of observations such as rock paintings, bark drawings, age-appropriate written reports, labelled drawings or photographs to explore ways...
- interacting with stories or documentaries about scientists such as Dame Jane Goodall or Sir Joseph Banks and noticing the ways they make their observations such as...

Check understanding

- Explain the main idea in the ways people make and use observations and questions to... 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.