

Questions and make predictions based on experiences

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Learning intention

- pose questions and make predictions based on experiences

Teach and model

- posing questions based on experiences, such as: 'What part of a plant is broccoli?' or 'How high do balls bounce?'
- posing questions about everyday objects and the materials that they may be made of
- making predictions before field work, such as which plants and animals they may observe in the school grounds

Check understanding

- Explain the main idea in questions and make predictions based on experiences 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.