

Questions, patterns and predictions

pose questions to explore observed simple patterns and relationships and make predictions based on experiences

Learning intention

- pose questions to explore observed simple patterns and relationships and make predictions based on experiences

Teach and model

- posing questions about simple relationships between push and pull forces, such as: 'Does a toy car go further if it is pushed harder?'
- posing questions about how animals meet their needs in particular places, such as: 'Where does it shelter? Where does it get water from?'
- making predictions about plant needs, such as: 'I think a plant will die if it doesn't get enough water'

Check understanding

- Explain the main idea in questions, patterns and predictions 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.