

Examine how particular structural features and behaviours of living things...

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Learning intention

- examine how particular structural features and behaviours of living things enable their survival in specific habitats

Teach and model

- identify physical and behavioural characteristics that enable a plant or animal to survive, such as being able to see in dim light and being nocturnal
- exploring features of plants and animals that enable them to survive in Australia's desert environments, such as bottle (or boab) trees and the water-holding frog
- investigating how camouflage is used by animals to hide from predators and to ambush prey

Check understanding

- Explain the main idea in examine how particular structural features and behaviours of living things... 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.