

## Core Skills Analysis

### Science - Biology and Ecology

- Patrick learned to identify key characteristics that define a terrestrial habitat, such as soil, vegetation, and landforms.
- He gained an understanding of the types of plants and animals adapted to live in terrestrial environments.
- Patrick explored the interactions between living organisms and their physical surroundings within a terrestrial ecosystem.
- He developed observational skills by recognizing environmental factors such as climate and terrain influencing habitat features.

### Tips

To deepen Patrick's understanding of terrestrial habitats, encourage him to explore different types of terrestrial ecosystems like forests, deserts, and grasslands through virtual tours or nature walks. He can collect soil samples or leaf specimens to examine under a microscope, helping connect theory with tangible observations. Extending this, Patrick could create a diorama or digital presentation illustrating various terrestrial habitats and their unique adaptations. Additionally, investigating the impact of human activities on terrestrial ecosystems through local case studies can foster environmental awareness and critical thinking.

### Book Recommendations

- [The Magic School Bus Hops Home: A Book About Animal Habitats](#) by Joanna Cole: This illustrated book introduces students to diverse animal habitats with engaging narrative and visuals, including terrestrial environments.
- [Earth Habitats: Forests, Deserts, and More](#) by Etta Kaner: A clear introduction to different types of earth habitats highlighting their unique characteristics and residents.
- [National Geographic Kids Everything Ecology: Habitats, Food Chains, and More!](#) by National Geographic Kids: A dynamic guide that explores ecology concepts, emphasizing habitats and ecosystems including terrestrial habitats.

### Learning Standards

- Science Understanding 5.4: Understanding the interactions between living things in ecosystems aligns with studying terrestrial habitats.
- Science Inquiry Skills 5.5: Developing observation and data recording skills through habitat exploration.
- Geography Knowledge and Understanding 5.1: Recognising diverse environments and how they support living things within Australia and globally.

### Try This Next

- Create a habitat journal where Patrick sketches and describes features of local terrestrial habitats observed during outdoor excursions.
- Design a quiz with multiple-choice and true/false questions to test knowledge about animals and plants typical to terrestrial environments.