



The Earth's Environment - Marshy Mystery

A Geographical Inquiry and eco mystery all rolled into one. There has been a reported sighting of a rare and endangered species, the Green and Golden Bell Frog, in the wetland at Blacktown Showground. Students are presented with information regarding the sighting of the rare frog. They must use Geographical Skills and Tools to conduct a thorough investigation into the three essential components for life – water, food and shelter. In doing so, students will develop deep knowledge and understanding about the interconnectedness of all aspects of the environment, and how people interact with it.

Geographical Inquiry Questions

- How does the environment support the lives of people and other living things?
- How can people use places and environments more sustainably?

Activities

Food - Students investigate food sources for the frogs and tadpoles. Students will dip net for bugs and collect phytoplankton samples in the wetland. Is there enough food for the Green and Golden Bell Frog?

Water - What is lurking in our ponds? Students will use scientific equipment to test the quality of the water. Is the water clean enough to support a population of Green and Golden Bell Frogs?

Shelter - Students investigate the surrounding bushland and park to identify possible threats to the frog. Search for and identify feral invaders and conduct a healthy habitat assessment.

People - Blacktown Showground is a public space. Do people influence the potential for Green and Golden Bell Frogs to inhabit the area?

Syllabus Outcomes & Content

Outcomes:

- examines features and characteristics of places and environments GE2-1
- describes the ways people, places and environments interact GE2-2
- examines differing perceptions about the management of places and environments GE2-3
- acquires and communicates geographical information and uses geographical tools for inquiry GE2-4

Content:

- Significance of environments
- Perception of environments
- Protection of environments

Cross Curriculum Priorities

- Sustainability

Booking Information

View available dates using the online [Availability Calendar](#). Contact the centre to make a booking.

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