




Marshy Mystery

A Geographical Inquiry and eco mystery all rolled into one.

Blacktown Council needs a team of Geographical Investigators!

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, for example the Green and Golden Bell Frog?*
- *How can people use places and environments more sustainably?*

On the day students will participate in;

Food: 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: 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 Links: *Geography – Stage 2 The Earth's Environment (GE2-1, 2, 3, 4)*

Contact Brewongle EEC for prices and available dates

**Free excursion at
Blacktown Showground**

Eligible to all schools in Blacktown LGA.
Conditions apply.

ENVIRONMENTAL EDUCATION CENTRES: INTEGRATING SUSTAINABILITY EDUCATION INTO CURRICULUM, TEACHING AND LEARNING