

## Stage 2 Science

# Living World – Pond Predators

This fun and engaging excursion to Brewongle offers a hands-on scientific investigation into pond ecosystems, food webs, life cycles and classification.

Pre and post-excursion lessons have also been developed to support student learning.

Maximum 6 classes per day.

### Booking information

View available dates using the online [Availability Calendar](#).

Contact the centre to make a booking.

### Contact

A: 587 Chapel Hill Road Sackville North 2756  
P: 4579 1136  
E: [brewongle-school@det.nsw.edu.au](mailto:brewongle-school@det.nsw.edu.au)  
W: [brewongle-schools.nsw.gov.au](http://brewongle-schools.nsw.gov.au)

*Connecting every learner to the natural world and inspiring change for a sustainable future.*

### Scientific inquiry questions:

- How can we group living things?
- What are the similarities and differences between the life cycles of living things?
- How are environments and living things interdependent?



### Activities:

**Dipnetting:** Students discover which bugs live in the Brewongle ponds. They will identify bugs, record data on abundance and discuss the life cycle of various animals in the ponds.

**Classification:** How can we group living things by observable features? Students utilise our Earthlab with microscopes and insect and frog models to classify living things and draw them with scratch art.

**Predator prey:** Students will play our food web game to experience how the food web works and learn about the consequences of water pollution.

**Dreamtime story:** Students will learn the story of 'Tiddalik the frog' and create a sand art story that they will take back to school.

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### Syllabus outcomes:

- questions, plans and conducts scientific investigations, collects and summarises data and communicates using scientific representations ST2-1WS-S
- compares features and characteristics of living and non-living things ST2-4LW-S