

Itinerary

River Rangers: Year 4



Toohey Forest
**Environmental
Education
Centre**

Learning Goals:

- Investigate the animals and plants that live at the pond and how they rely on one another for survival, including their part in the food chain
- Review the life cycle of the cane toad
- Investigate the possible impacts to the pond if it was poisoned and justify your decision whether or not to poison the pond
- Propose possible alternative methods to reduce the impact of toads on the pond

Inspiring Science Beyond the Classroom

Time	Activity
9.30 – 9.50 (20 mins)	Introduction to staff and facilities Discussion of Problem Statement from the Pre-visit Activities <i>Meet the Scientist (Teacher-in-role)</i>
9.50-10.20 (30 mins)	First Break
10.20-10.40 (20 mins)	Life Cycles – Identify and record the lifecycle stages of a toad.
10.40 – 11.55 (1 hour 15 mins)	Equipment Use and Safety Considerations Dip Netting at the Pond – collection of macroinvertebrates and observations of the pond.
11.55 -12.15 (20 mins)	Feeding Relationships - simple food chains in the pond.
12.15 - 12.45 (30 mins)	Second Break
12.45 – 1.25 (40 mins)	Microscope and Field booklet Identification of macroinvertebrates, their lifecycle stages and their consumer types.
1.25 – 1.55 (30 mins)	Conclusion - Pond Solutions Revisit the problem statement and students make alternative suggestions. Hot seat (ask the Scientist)
1.55 – 2.15 (20 mins)	Live Animal Display - Experience live animals from Toohey Forest with a focus upon their lifecycle and features that assist and hinder their survival
2.15 -2.30 (15 mins)	Farewell and Depart

Students will need:

- Covered footwear
- Sun safe clothing and hat
- Sunscreen and insect repellent already applied
- Water Bottle
- Morning Tea and Lunch
- Field booklet, Clipboard, Pencil

Litter Free Lunch

We encourage students and staff to pack a litter free lunch. A litter free lunch contains no throwaway packaging. Everything in it can either be re-used, composted or recycled. Therefore food is brought in re-usable containers rather than disposable plastic wrap. Drinks are brought in refillable plastic bottles. Pre-packaged foods are discouraged.

