

## Subsidised Excursion

Eligible to all schools in Blacktown LGA: Excursion transport costs covered by Blacktown City Council.

## Booking Information

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

## PRICE

DoE Schools: \$15/std  
Non-DoE Schools: \$20/std

## CONTACT

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



## Living World - A Nurragingy water study

**Nurragingy Reserve is a special place with a strong history. It's also home to many plants and animals. Learn about how the environment affects the growth, survival and adaptation of living things. As a case study, you will conduct fieldwork tests to identify the adaptations of water bugs at Nurragingy and establish whether the local stormwater outlet affects their growth and survival.**

### Inquiry Questions

- How do physical conditions affect the survival of living things?
- How do the structural and behavioural features of living things support survival?

### Activities

***These surveys will be conducted at two sites (the creek and the pond) to enable students to compare data and reach conclusions about the impact of stormwater on water quality.***

**Water quality** - Students conduct physical and chemical tests on the ponds to analyse the water quality.

**Waterbugs** - Students catch and analyse waterbugs from the ponds. They evaluate water quality based on diversity and abundance of waterbugs.

### Syllabus Outcomes & Content

#### Outcomes:

- plant and conducts scientific investigations to answer testable questions, and collects and summarises data to communicate conclusions
- ST3-1WS-S
- examines how the environment affects the growth, survival and adaptation of living things
- ST3-4LW-S

#### Content:

- Identifying, grouping and comparing living things
- Interdependence
- Healthy environments

#### Cross Curriculum Priorities

- Sustainability