



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

Booking Information

View available dates using the online

[Availability Calendar.](#)

Contact the centre to make a booking.

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