Program Overview

Catchment Crawl

Years 11 - 12
Full day program
9.15am - 2.30pm

Big Idea
To experience firsthand the response (health) of local waterways and catchments to natural processes and human activity, and how changes within a catchment affect the natural systems.

Curriculum Links

Australian Curriculum

Senior Biology
Unit 1: Biodiversity and the interconnectedness of life

Key Concept
3. Organisms live an interdependent existence in environments to which they are adapted.

4. A variety of mechanisms results in continual change at all levels of the natural world.

5. There are processes that maintain dynamic equilibrium at all organisational levels.

Senior Geography
Unit 3: Land cover transformations
Focus Unit 2: Managing Catchments
Overview

This program visits four sites in Cabbage Tree Catchment*. The day’s program commences in close proximity to Cabbage Tree Creek’s headwaters in Ferny Hills and ends in Aspley.

Cabbage Tree Creek is a fairly typical urban waterway with land uses including residential, parklands, roads, shopping centres and other commercial activity, and, in the lower reaches of the catchment, light industry.

Students collect water quality data using

- Neulog Sensors for physical/chemical
- Catching and identifying aquatic macroinvertebrates
- Performing a riparian assessment

* Please note: studies of alternative local catchments, including those of Caboolture River and Kedron Brook, can be undertaken if so desired.