

ITINERARY



Go with the Flow

Year 2 Program

The *Go with the Flow* program focuses on the sustainability of our water resources by viewing the catchment through *Rodney Rainbow*, a fictional character based on the native Crimson Spotted Rainbowfish. As 'Aquatic Scientists,' students determine the importance of water to all living things and the environment. Students investigate the creek observing and conducting experiments on water, plant and animal life. They make predictions, take measurements and samples, catch and classify living things, and investigate human impacts on the catchment.

Learning Intentions

Students, in the role of Aquatic Scientists, participate in scientific activities to:

- Describe a 'catchment' and analyse how it functions taking water to Moreton Bay
- Investigate organisms that live in our local freshwater creeks
- Evaluate human impacts that may have caused changes to the creek bed and water quality
- Recommend and justify actions they and others can take to protect our catchments



Program Details

9.15am: Arrive and meet MBEEC staff @ Waterloo Bay Leisure Centre, 241 Tingal Road, Wynnum
Location: Wynnum Creek

Session 1

Water Creatures: Freshwater creature identification and species analysis to evaluate the health of the catchment.



Evidence Walk: Observe the shape of a catchment - including constructed vs natural structures and the impacts of these on the environment.



Water Quality: A turbidity experiment is conducted to investigate water quality.

**Note: Morning tea will be included during Session 1*



11.45am: Board bus and travel to Moreton Bay EEC for Lunch (162 Stradbroke Ave, Wynnum)
Location: Moreton Bay Environmental Education Centre

Session 2

Waste Decomposition: Myth bust the decomposition of waste and recycling. Using a timeline, students will discover how long rubbish can remain in the environment.



Pristine Ponds: Students visit the Moreton Bay EEC pond to explore a purpose built healthy habitat.



Water Walk: Students evaluate how water is stored at Moreton Bay EEC and investigate a range of design features which support the catchment.



Final Reflection: Students share their discoveries about the importance of water to living things and how they can actively care for and become Champions for Moreton Bay.



2.15pm: Depart Moreton Bay EEC and return to school

Students and adults will need:

- Sun-safe clothing and hat
- Sunscreen and insect repellent already applied
- Water bottle / morning tea / lunch

Litter-free snacks and lunch:

We encourage students and staff to pack litter-free snacks and lunches. Everything can be re-used, composted or recycled. Please bring drinks in refillable bottles.