

WHY SAVE WATER in the Northern Rivers?

Our **growing population** means demand will exceed our water supply by the year 2024 unless we act.

Our **changing climate** means less reliable rainfall and more extreme weather, including droughts.



We all have a role and responsibility to share our valuable water with each other, our ecosystems, plants and animals.

3 steps to save water:



BOOKINGS & more information

Dorroughby Environmental Education Centre

Telephone: 6689 5286

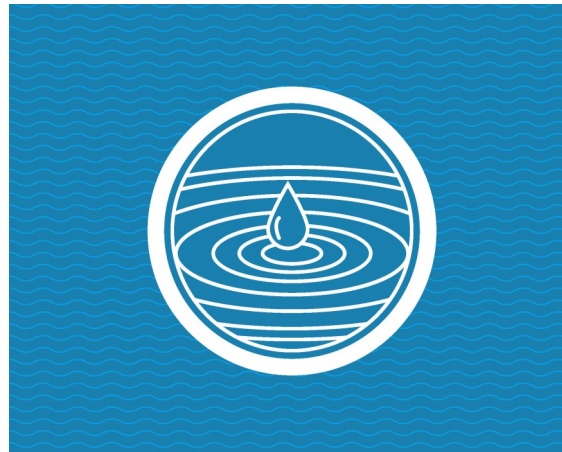
Mobile: 0418 211 972

dorroughby-e.school@det.nsw.edu.au

Find Water Walk flyers, posters and other educational materials at:

www.rous.nsw.gov.au

Ask about borrowing the Resource Buckets.



These Water Education Programs are provided via an education initiative of Rous County Council and Dorroughby Environmental Education Centre. They aim to support the regional Schools with relevant local activities that meet curriculum outcomes for K to 12 students in the Science and Geography syllabuses.



Water Education SECONDARY SCHOOL Programs



Stage 4

Investigating the World

Venue: At Rocky Creek Dam

Cost:

Outline: This program provide students with the opportunity to use geographer's tools to investigate the Rocky Creek Dam water supply and catchment.

Using fieldwork equipment i.e. hygrometers, light meters, anemometers, probes, maps and compasses the students will measure abiotic factors, identify landforms and investigate a local environment. (Workbooks provided).



Timetable

10:10	Introduction, housekeeping and safety procedures. Recess		
	Group 1	Group 2	Group 3
10:40	Platypus walk to identify rain-forest plants and learn about their aboriginal uses.	Measuring abiotic factors and water testing.	Mapping and Field Sketch of Dam Wall.
11:40	Activity rotation		
12.40	Lunch		
1pm	Activity rotation		
2:00	Conclusion		

Curriculum Outcomes

Geography: GE4-1; GE4-2; GE4-3; GE4-5; GE4-7; GE4-8

Stage 5

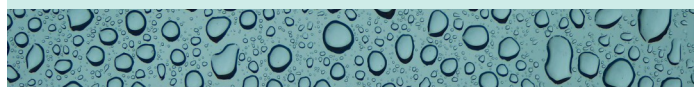
Environmental Change and Management

Venue: At Rocky Creek Dam

Cost:

Outline: This program provide students with the opportunity to use geographer's tools to investigate the Rocky Creek Dam catchment and management.

Using fieldwork students will identify and measure aspects of the atmosphere, lithosphere, biosphere and hydrosphere and their interactions. Testing results will help with discussion about future water supply strategies. (Workbooks provided).



Timetable

10:10	Introduction, housekeeping, and safety procedures. Recess		
	Group 1	Group 2	Group 3
10:40	Atmosphere/ Lithosphere: Measuring abiotic factors in 2 locations.	Biosphere: identify forest type and structure and complete a field sketch. Students discuss future water supply.	Hydrosphere: Creek bank assessment and water quality testing
11:40	Activity rotation		
12.40	Lunch		
1pm	Activity rotation		
2:00	Conclusion		

Curriculum Outcomes

Geography: GE5-1; GE5-2; GE5-3; GE5-4; GE5-5; GE5-6; GE5-7; GE5-8

Stage 6

Depth Study

Venue: At Rocky Creek Dam

Cost:

Outline:



Curriculum Outcomes

Geography:
Science: