



Rosebank Public School

Bush School Information for this Thursday

Dorroughby Environmental Education Centre will be joining us this Thursday at school for a K-6 Science – Riparian Zone Action Day

Venue: Rosebank Public School.

Date: Thursday 25 June 2020.

Teachers: Juanita Thomson, Lauren Currie, Oliver Pescia, Simone Smith and Dorroughby Environmental Education Centre Staff.

Program Information

Students are to wear bush school clothes to school (covered shoes, long pants, long sleeved shirt and hat). Students are to bring a packed fruit break, recess, lunch and water bottle. The program will continue indoors if it rains.

9.30 am	Introduction to the day Why do we need water? How long can we last without it? How much water do we have on the planet Earth? Why do we need to conserve water? – Water demonstration – Climate Change Impact.
10am	Danny the Drip – DEEC staff lead a Water Pollution Visual Activity – describing what happens to water as it moves down the catchment.
11am	RECESS
11.30am	Water Quality – Students discuss water quality and conduct Science experiments to collect data on water quality. Macro-invertebrate follow up study, turbidity, pH and salinity testing. Discuss flow and riparian zones – cane toads and planting lomandras etc.
12.30pm	LUNCH
1pm	Macro plastics -Activity about plastics in our environment. Ephemeral art made from marine debris.

Syllabus Outcomes

- STe-1WS-S** Observes, questions and collects data to communicate ideas.
- ST1-1WS-S** Observes, questions and collects data to communicate and compare ideas.
- STe-3LW-ST** Explores the characteristics, needs and uses of living things.
- ST1-4LW-S** Describes observable features of living things and their environments.
- STe-6ES-S** Identifies how daily and seasonal changes in the environment affect humans and other living things.
- ST1-10ES-S** Recognises observable changes occurring in the sky and on the land and identifies Earth's resources.
- ST2-4WS** Investigates questions and predictions by analysing collected data, suggesting explanations for findings, and communicating and reflecting on the processes undertaken.
- ST2-5WT** Applies a design process and uses a range of tools, equipment, materials and techniques to produce solutions that address specific design criteria.
- ST2-11LW** Describes ways that science knowledge helps people understand the effect of their actions on the environment and on the survival of living things.
- ST3-4WS** Investigates by posing questions, including testable questions, making predictions and gathering data to draw evidence-based conclusions and develop explanations.
- ST3-5WT** Plans and implements a design process, selecting a range of tools, equipment, materials and techniques to produce solutions that address the design criteria and identified constraints.
- ST3-11LW** Describes some physical conditions of the environment and how these affect the growth and survival of living things.

Geography

- GEe-1** Identifies places and develops an understanding of the importance of places to people.
- GE1-1** Describes features of places and the connections people have with places.
- GE1-2** Identifies ways in which people interact with and care for places.
- GE2-1** Examines features and characteristics of places and environments.
- GE2-2** Describes the ways people, places and environments interact.
- GE3-3** Examines differing perceptions about the management of places and environments.

Cross curriculum subjects of **Sustainable Education** and **Aboriginal Education** are also a focus on the day.