

Go with the Flow V9

Year 4 Program

Go with the Flow is a day program exploring the Wynnum Creek catchment. The program focuses on the importance of natural vegetation and water sources as part of the water cycle. As 'Aquatic Scientists,' students determine the importance of water to all living things and the environment. While investigating the creek, they observe and conduct experiments on water, plant and animal life. Students make predictions, take measurements and samples, and collect and classify living things to construct food chains.

As they explore Wynnum Creek, students develop an understanding of how water flows through a catchment and what might impede this. By observing patterns and changes to the creek bed and its surrounding banks, they investigate ongoing impacts that put pressure on the creek and water within it. Returning to Moreton Bay EEC, students bust myths around waste and recycling and explore the sustainable water practice features in place.

Throughout the program, they are engaged in hands-on experiential learning, allowing them to apply science to the world around them. Students continuously pose questions and share insights across the day leading to a final reflection on potential actions they can implement at school to protect our vital water sources.

Curriculum Intent - Year 4

Science

Science Understanding

Earth and Space Sciences

- Identify sources of water and describe key processes in the water cycle, including movement of water through the sky, landscape and ocean; precipitation; evaporation; and condensation (AC9S4U02)

Biological Sciences

- Explain the roles and interactions of consumers, producers and decomposers within a habitat and how food chains represent feeding relationships (AC9S4U01)

Science as a Human Endeavour

Use and influence of science (AC9S4H02)

Science Inquiry Skills

Questioning and predicting (AC9S4I01)
Planning and conducting (AC9S4I02) (AC9S4I03)
Processing, modelling and analysing (AC9S4I04)

HASS

Knowledge and understanding

Geography

The importance of environments, including natural vegetation and water sources, to people and animals in Australia and on another continent (AC9HS4K05)



General Capabilities *(links)*	Cross-curriculum Priorities *(links)*
Critical and creative thinking *Personal and social capability* *Ethical understanding*	*Aboriginal and Torres Strait Islander Histories and Cultures* *Sustainability*

A Curriculum Activity Risk Assessment is available on request.