

Case Studies

Water Quality Testing (Waterwatch)

Primary Years

Stradbroke Primary School

Partners: All year 3's
3 classes of 30 helped by some year 7's

Body text with description of the project

Students take turns testing water quality (Fourth Creek) throughout the year under guidance of WATERWATCH

Students constantly seeing the seasonal changes

Along with KESAB/WATERWATCH we also do:

- A Bug's life
- A Frog's life
- Something Fishy
- Catchment Care
- Gutter Guardians

All relates to the necessity of keeping our waterways pollution free and how as individuals we can help.

To protect our waterways from pollution/ to set up a safe area for native plants and animals to co-exist/ to make a safe corridor for plants and animals e.g. native fish, southern brown bandicoot

The success of the program is determined by

- Students comments; eg. at local building site sand was washed into Fourth Creek, students reported it to the School's Environment & Ground's Working Party
- Students are keen observers and are quick to notice changes - upset when new plants by creek were vandalised.

Links between classroom work and environmental project

- Students compare and contrast the creek environment throughout the year (seasonal changes)
- We keep a record of activities (class books, digital camera)
- They keep a pathway along the Creek litter free and are very pleased to see the improvement in this area
- Parents are also involved and thus support our programs.

Environmental Reporting Themes and Issues for this project

Themes

Issues

Inland Waters



- Water Quality
- Rivers, Streams and Wetlands
- Water Use
- River Murray

Environmental Reporting Themes and Issues for this project

- Arts
- Design and Technology
- English
- Science
- Society and Environment

Elements of the Essential Learnings that your project develops

Futures

- Learners developing an understanding of patterns and connections within systems

Identity

- Learners developing an understanding of themselves, of the groups to which they belong, and of other members of their community

Interdependence

- Learners coming to an understanding of cultural and global connections, patterns and evolutions
- Learners coming to an understanding of what is needed for sustainable social and physical environments
- Learners cooperating to achieve agreed outcomes
- Learners acting to benefit their communities

Thinking

- Learners using a wide range of thinking modes

- Learners developing and employing enterprising attributes
- Learners developing enterprising and creative solutions for contemporary issues

Communication

- Learners being able to effectively use communication in a range of modes