

## Case Studies

### Waterwatch

Middle Years

#### Riverton Primary School

Partners: Year 6/7 Class

Students monitor the water quality (turbidity, salinity, nitrates, phosphates, pH and macroinvertebrates) in the local river (River Gilbert). Further studies will include taking plant samples.

"We aim to report findings to local council and assist in the improvement of water quality."

The project is part of a broader environmental program in the school "as part of general Environmental Studies and Boys in Education Priorities"

The success of the program is determined by

- Interest and involvement by the students

Links between classroom work and environmental project

- The project is part of the school's environmental studies

Environmental Reporting Themes and Issues for this project

#### Themes

#### Issues

Biodiversity



- Native Vegetation
- Introduced Species

Inland Waters



- Water Quality
- Rivers, Streams and Wetlands

### Environmental Reporting Themes and Issues for this project

- English
- Health and Physical Education
- Society and Environment

### Elements of the Essential Learnings that your project develops

- Futures**
- Learners developing an understanding of patterns and connections within systems
  - Learners acquiring skills that will enable them to thrive in a fast changing world rather than becoming casualties of such change

- Identity**
- Learners developing an understanding of themselves, of the groups to which they belong, and of other members of their community
  - Learners achieving a sense of their own current and emerging identities

- 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 developing enterprising and creative solutions for contemporary issues

- Communication**
- Learners having an understanding of how communication works

- Learners having the ability to make effective use of language, mathematical information and the tools of information and communications technology
- Learners being able to effectively use communication in a range of modes