

## Case Studies

### Agriculture Faculty Urrbrae Agricultural High School

SY

The agricultural faculty includes:

- Wetlands unit in year 8, which is followed on in year 9 and 10 in Society and Environment and Science
- Composting practical in year 8
- Earthworms practical in year 9
- Landcare practical in year 9
- Tree planting around farm (shelter belts) using native species from the area
- Aquaculture section working with SARDI to use waste water to grow native fish
- Controlled irrigation from automatic weather station
- Pig effluent disposal system

The success of the program is determined by

- Uniqueness of school environment

Links between classroom work and environmental project

- It is part of the agricultural curriculum

#### Environmental Reporting Themes and Issues for this project

##### Themes

##### Issues

##### Biodiversity



- Native Vegetation

##### Coasts and the Sea



- Aquaculture

## Inland Waters



- Water Use

## Land Resources



- Land use
- Soil Erosion and Acidity

## Human Settlements



- Waste



## Heritage

- Heritage

## Environmental Reporting Themes and Issues for this project

- Agriculture

## 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

### Interdependence

- Learners coming to an understanding of what is needed for sustainable social and physical environments

- Learners cooperating to achieve agreed outcomes

Thinking

- Learners developing and employing enterprising attributes

Communication

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