

## Case Studies

### Threatened Species

Early Years  
Primary Years

#### Stradbroke Primary School

Partners: Students, teachers and broader community  
Nature Education Centre  
Nature foundation  
Fauna Rescue  
Conservation Parks  
4<sup>th</sup> Creek Catchment Group

- Classroom research and discussions about threatened species in South Australia is part of the school curriculum
- Artists in residence demonstrate techniques to draw and paint birds, animals and people
- Entered Hands on for Habitat competition in 2003, receiving a highly commended award with students work being chosen to be part of a poster
- Continual ongoing walks along Fourth Creek looking at habitat
- Involved in habitat regeneration along Fourth Creek with other classes
- The school has become involved in developing habitat for bandicoots using money won

“The whole school is actively involved in environmental protection, tree planting, habitat regeneration, buddy classes with younger students, KESAB, Waterwatch activities throughout the year, Our Patch, signs and markers along 4<sup>th</sup> Creek, developing corridor link between Morialta Conservation Park and the southern Brown Bandicoot Sanctuary”

The success of the program is determined by

- Enthusiasm of students
- Active participation requests to be involved in environmental programs
- Discussions in class
- Habitat regeneration
- Care taken by students in school and at the creek area
- Student input

Links between classroom work and environmental project

- Endangered species week

- Programs of enquiry
- Projects and group work
- Measuring and estimating
- Spatial awareness
- Language activities
- Experiments in soil analysis, water quality, bug identification
- Student involvement on committees such as signs along 4<sup>th</sup> Creek
- Plant and bird identification
- Recycling
- Composting
- Effects of water on rocks, soil and the environment
- Art - draw, paint, collage
- Pollution

### Environmental Reporting Themes and Issues for this project

#### Themes

#### Issues

#### Biodiversity



- Threatened Species
- Native Vegetation
- Introduced Species

#### Coasts and the Sea



- Health of the Marine and Coastal Environment

#### Inland Waters



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

#### Land Resources



- Land use
- Dryland Salinity
- Soil Erosion and Acidity

#### Human Settlements

- Water Consumption in Urban Settlements



- Population and Urban Form
- Waste



Heritage

- Heritage

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

- Arts
- Design and Technology
- English
- Health and Physical Education
- Mathematics
- Science
- Society and Environment

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

Futures

- Learners developing an understanding of patterns and connections within systems
- Learners understanding world views when analysing future challenges
- Learners building scenarios of preferred futures
- 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 coming to an understanding of the social construction of identities

- Learners developing the capacity to relate effectively to others and to resist the pressure of negative stereotyping
- 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 knowing themselves profoundly as learners and thinkers
- Learners using a wide range of thinking modes
- Learners utilising thinking from a range of times and cultures
- Learners developing and employing enterprising attributes
- Learners developing enterprising and creative solutions for contemporary issues

#### Communication

- Learners having an understanding of the complexity and power of language and data
- 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