

# Polly Creek - 4



## Learning Intentions

Students discuss how natural processes and human activity cause changes to Earth's surface. They describe relationships that assist the survival of living things and sequence key stages in the life cycle of a plant or animal. Students suggest explanations for observations and compare their findings with their predictions.

## Daradgee Specific Elaborations

This experience may require students to:

- make observations, describe and compare BMI's throughout their life cycles
- compare life cycles of BMI's and plants
- recognise that environmental factors can affect life cycles eg. floods, cyclones
- investigate how native plants provide food and shelter for BMI's
- investigate the roles of living things in the Polly Creek habitat eg. producers, consumers or decomposers
- observe and describe predator/prey relationships
- predict the effects of loss of the BMI's on the plants and animals
- explore results of natural and human activity eg. erosion, cyclone, flood
- explore how the variety of BMI's collected are evidence of water/habitat quality
- discuss how the loss of habitat and water quality affects BMI's
- discuss what changes could occur to this habitat and the consequences eg. removal of vegetation can lead to erosion, siltation, increased water temperature and reduced oxygen
- use digital cameras to record and communicate observations, ideas and findings