

High School Ecology and Catchment Care Field trips and Excursions for Science and Geography

Student Engagement

Excursions and Incursions that Investigate:

- o Managing biodiversity
- o Natural hazards and mitigation
- o Managing Catchments
- o Physiology of fauna and flora
- o Taxonomy (classification)
- o Ecosystems
- o Ecology
- o Coastal processes
- o Acid sulphate soils
- o GIS and mapping
- o Microscope and laboratory techniques
- o Water quality testing
- o Hydrology and Geomorphology assessments
- o Surveys – including transect methods
- o Data collection techniques and analysis
- o Sustainable urban development

Unique curriculum based school camps

- o Fraser Island and other SE Queensland opportunities
- o Whole camp management or visiting presentations and activities
- o Team building and environmental engagement and education

Community connection and engagement

Local, national and international perspectives



Contact Us

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Find us on:



Secondary School Eco-Classes

Science

Biology

Chemistry

Marine Science

Geography



Curriculum linked and customised classroom workshops, field trips, camps and PD conducted by environmental scientists and educators with over 30 years combined experience.



"It was a terrific learning experience for all involved and we were fortunate and grateful to be accompanied by very experienced people in their fields of expertise"

- Head of Science at a local High School.

Curriculum Links

Geography

- o Geographical Knowledge and Understanding
- o Geographical Inquiry and Skills
- o Natural and ecological hazards
- o Sustainable Places
- o Land cover and global transformations

Science

- o Science Understanding
- o Science as a Human Endeavour
- o Science Inquiry Skills

Biology

- o Biodiversity & Ecosystem diversity
- o Multicellular organisms
- o Genetics and hereditary analysis
- o Organism ecology and adaptation

Earth and Environment

- o Earth systems and connections
- o Earth Processes
- o Managing resources
- o Earth changes

Marine Science

- o Marine Biology
- o Oceanography
- o Conservation and Sustainability
- o Marine Research Skills

Cross-curriculum Sustainability

- o The biosphere is a dynamic system providing conditions that sustain life on Earth
- o World views are formed by experiences at personal, local, national and global levels, and are linked to individual and community actions for sustainability
- o Actions for a more sustainable future reflect values of care, respect and responsibility, and require us to explore and understand environments.

"Students have the opportunity to learn from experts in the field of catchment and natural resource management specialising in knowledge of this region"