

Kamay Botany Bay Environmental Education Centre

Excursion outline

Stage 5

Environmental Change and Management

Location

Wanda Surf Club, Wanda Beach (Bate Bay)

Overview:

A major Australian environmental concern is the effect that development has and continues to have on our coastlines. In this program students are given the opportunity to gather and process data relevant to the coastal management of this area.

Outcomes:

- GE5-2 explains processes and influences that form and transform places and environments
- GE5-3 analyses the effect of interactions and connections between people, places and environments
- GE5-5 assesses management strategies for places and environments for their sustainability
- GE5-7 acquires and processes geographical information by selecting and using appropriate and relevant geographical tools for inquiry

Key Inquiry questions:

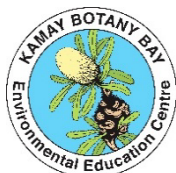
- How do environments function?
- How do people's worldviews affect their attitudes to and use of environments
- What are the causes and consequences of change in environments and how can this change be managed?
- Why is an understanding of environmental processes and interconnectedness essential for sustainable management of environments?

Students will:

- complete investigations along a transect
- use a GPS device to locate a position and collect data
- create model sand dunes to understand the geographical and biophysical processes essential to the functioning of the sand dunes
- complete a field sketch and examine the Sea Bee wall

Learning across the curriculum content:

- Aboriginal and Torres Strait Islander histories and cultures
- Sustainability
- Literacy
- Numeracy



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Education

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Booking Information

Location	Wanda Surf Club, Wanda Beach, Cronulla (Bate Bay)
Bus booking	Drop off at Wanda Surf Club (corner Murdock Street & Marine Esplanade Wanda) and pick up at North Cronulla Surf club
Timing	Ideally schools should allow 4 hours for the program, including meal and toilet breaks.
Bring	Medications, food, water, sunblock, hats and wet weather gear
Appropriate dress	Students should wear clothing/enclosed shoes suited to working in an outdoor environment and appropriate to the season.
Staffing	The EEC complies with NSW DEC policy for a student/adult ratio of 15:1 for bushwalking. Parent helpers welcome, no pre-schoolers.
Extreme or wet weather	May result in the excursion being modified, postponed or cancelled. An out of hours contact number will be supplied in your booking information.
Medical or special needs	Please notify EEC staff at time of booking
Risk Management Guidelines	Will be provided at the time of booking
Excursion Pack	Teacher background notes and digital worksheets will be provided (nb worksheets must be printed and brought on the day).
Expectations of visiting schools	<ul style="list-style-type: none"> • Visiting teachers will actively participate in all activities. • Whilst the EEC teacher is responsible for the general discipline of the day, the visiting teacher should be supportive and intervene if necessary if there is a difficulty with an individual student. • During recess and lunch breaks, both the visiting teacher and the EEC teacher are responsible for the control of the group. • Students should be reminded that all flora and fauna are protected and must not be damaged or disturbed.



References:

- [Coastal Dune Management](#)