

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:

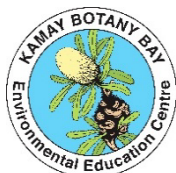
- How do environments function?
- How do people's worldviews affect their attitudes to and use of environments
- What are the causes and consequences of change in environments and how can this change be managed?
- Why is an understanding of environmental processes and interconnectedness essential for 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 of Murdock Street and 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.
Student checklist	<ul style="list-style-type: none"><input type="checkbox"/> low waste lunch and recess (reusable containers, no plastic wrap)<input type="checkbox"/> refillable water bottle (Kamay Botany Bay National Park has a refillable water station)<input type="checkbox"/> hat<input type="checkbox"/> sunscreen<input type="checkbox"/> school or sports uniform (sports uniform preferable)<input type="checkbox"/> sturdy, enclosed walking shoes<input type="checkbox"/> backpack and raincoat (no plastic bags)
Teacher checklist	<ul style="list-style-type: none"><input type="checkbox"/> students' prescribed medication and health action plans<input type="checkbox"/> First aid kit<input type="checkbox"/> General use EpiPen
Staffing	The EEC complies with NSW DoE policy for a student/adult ratio of 15:1 for bushwalking. Parent helpers welcome, no pre-schoolers.
Medical or special needs	Please notify Kamay Botany Bay EEC staff at time of booking.
Risk Management Guidelines	RMG will be provided at the time of booking
Excursion pack	See KBBEEC website /resources for teacher background notes. Bring a camera, iPad or phone to photograph the students during the day.

Weather

In the event of extreme weather conditions,
please phone or text 0477 742 281

References:

- [Coastal Dune Management](#)

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