

Kamay Botany Bay Environmental Education Centre

Excursion outline

Geography

Stage 5: Ecosystems at Risk – Bate Bay, Cronulla

Learning Activities

This study will investigate:

- The spatial patterns and dimensions of the site;
- Biophysical interactions including the effects of weather, climate, geomorphic and hydrologic processes, bio geographical processes and adjustments in response to natural stress;
- The nature and rate of change which effects ecosystem functioning;
- Human impacts;
- Traditional and contemporary management practices.

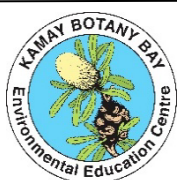
The outcomes to be achieved from this field study by the student are:

- a) Explains the changing nature, spatial patterns and interactions of ecosystems;
- b) Explains the factors which place ecosystems at risk and the reasons for their protection;
- c) Evaluates environmental management strategies in terms of ecological sustainability;
- d) Evaluates the impact of, and responses of people to, environmental change.

Bate Bay from Wanda to Cronulla will be used during the field study:

Students are advised that taking additional notes, photographs or other recording of geographical information about the biophysical environment of the area is advised. Not all aspects of this study can be completely addressed in the time available on site. Additional materials have been provided to give an overview of:

- Weather and climate;
- Geomorphic and hydrologic processes which have shaped the landform.



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Booking Information

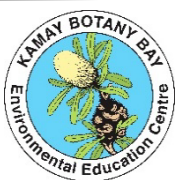
Location	Bate Bay, Cronulla
Bus booking	Meet at Cronulla Train Station / Cronulla Park or Wanda Surf Club (corner Murdock Street & Marine Esplanade) PLEASE ADVISE WHAT OPTION YOU WOULD LIKE
Timing	Ideally schools should allow 4 hours for the program, including meal and toilet breaks.
Bring	Medications, food, water, sunblock, hats and wet weather gear
Appropriate dress	Students should wear clothing/shoes suited to working in an outdoor environment and appropriate to the season. Students will be walking in water. Advisable to wear old shoes.
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.

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MEETING POINTS

Cronulla station to Cronulla Park



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