

Kamay Botany Bay Environmental Education Centre

Excursion outline

Science

Stage 2: Living World

Classification of living things - birds & shells

Location:

Kamay Botany Bay Environmental Education Centre, Kamay Botany Bay National Park, Kurnell

Overview:

Students will be immersed in nature at Kamay Botany Bay National Park. They will conduct a scientific study to **discover** the species of birds living in the bushland, grassland, and beach habitats. Using their **science journal**, students will identify and record the bird species they discover, annotate a **scientific drawing** of bird, and group and classify feathers, seeds, and shells.

Join us for a fantastic science day to explore the **amazing habitats** at Kamay Botany Bay National Park.

Outcomes:

- ST2-1WS-S questions, plans and conducts scientific investigations, collects and summarises data and communicates using scientific representations.
- ST2-4LW-S compares features and characteristics of living and non-living things

Key Inquiry questions answered:

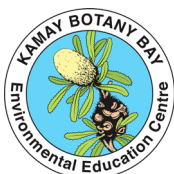
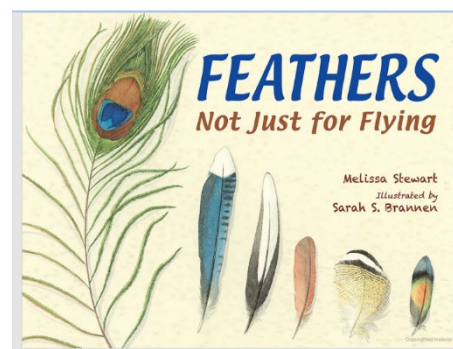
- How can we group living things? For example, what are the external features of a bird that we can use to classify birds?
- How are environments and living things interdependent? For example, birds and seeds.

Students will:

- complete a scientific drawing of a bird
- record birds they observe on a bird walk
- classify shells on the beach and rock platforms
- create ephemeral art of bird wing shapes

Learning across the curriculum content:

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

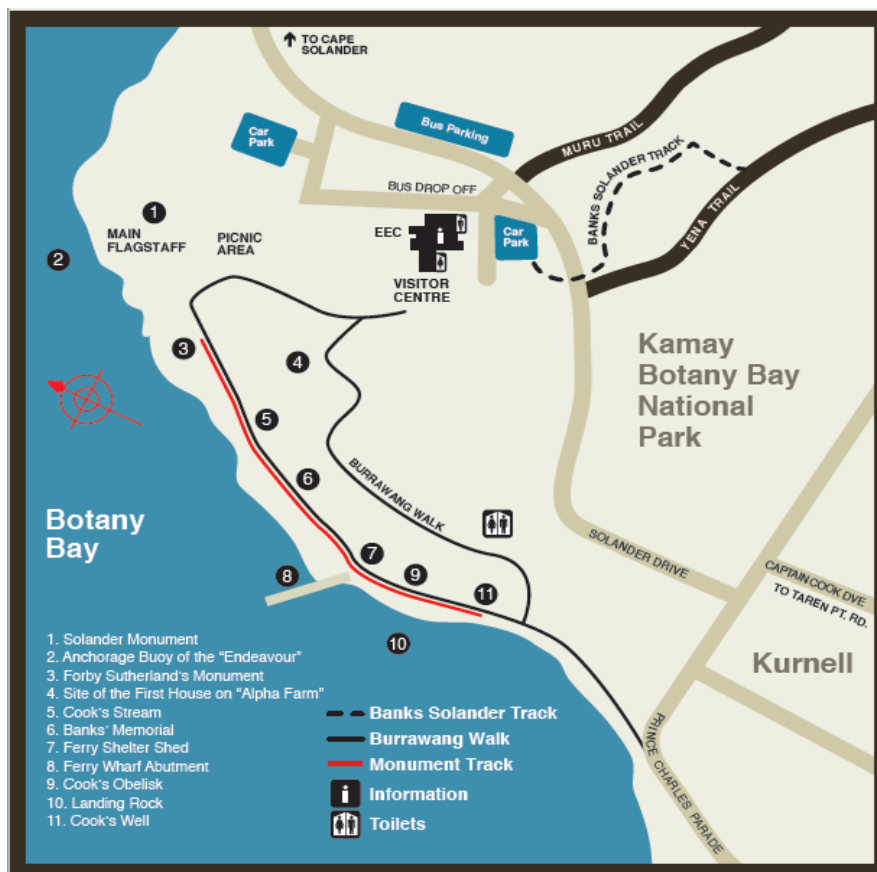


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Booking Information

Location	Kamay Botany Bay National Park, Kurnell
Bus booking	Drop off and pick up at The Visitor Centre, Kamay Botany Bay National Park. 21 Cape Solander Drive, KURNELL
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 (nb the EEC is bin free, rubbish is to be taken home, however fruit scraps will be collected for worm farm).
Appropriate dress	Students should wear clothing/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
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.



Buses should drop off students in the designated bus bay, located near the EEC.

Buses should then move to the parallel parking bays on Solander Drive.

Buses generally take 10 minutes to drive from Cronulla High School to Kurnell.