

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:

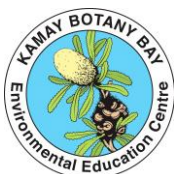
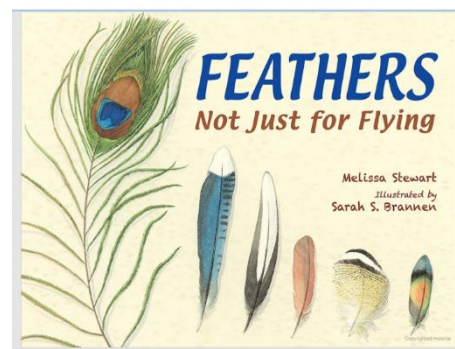
- How can we group living things? For example, what are the external features of a bird that we can use to classify birds?
- How are environments and living things interdependent? For example, birds and seeds.

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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Education

Booking Information:

Location	Kamay Botany Bay National Park, Kurnell 21 Cape Solander Drive, Kurnell
Bus booking	Drop off and pick up at The Visitor Centre, Kamay Botany Bay National Park
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

Bushfire

During bushfire season (approximately 1 October-31 March), check [Rural Fire Service fire danger rating](#). During catastrophic ratings, the park and centre are closed. Kamay Botany Bay Environmental Education Centre fieldtrip experiences will be postponed. During extreme or severe conditions, fieldtrip experiences and locations may be cancelled or modified to ensure the safety of all students and staff.



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.