

Kamay Botany Bay Environmental Education Centre

Excursion outline

Stage 3: Project Flying Fox

Location

E.G. Waterhouse National Camellia Gardens, 104R President Avenue, Caringbah South on the corner of President Avenue and Kareena Road (bus can turn into Kareena Road and park in parking area near Lower Entry). Meet students at Lower Entry and walk to Duck Pond BBQ area.

Overview:

The Project Flying Fox program is designed to showcase one of Australia's most important long-distance pollinators. These incredible creatures are much maligned by the general public, many of whom have a fear-based relationship with them. By learning more about these amazing mammals, students will be able to spread much needed education within their families and communities about why it is so important we protect and preserve this very misunderstood keystone species.

Students will have the opportunity to participate in a guided walk around a bat colony, listen to an expert explain what this animal needs to survive and thrive in an increasingly urbanised setting, learn about the flying fox in Aboriginal culture including its use in the Dharawal calendar, observe a taxidermy bat, create an origami bat, produce a pot from recycled newspaper in which to plant a favourite food source for the Flying Fox.

Outcomes

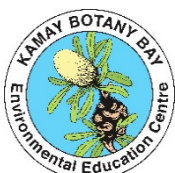
- GE3-2 Explains interactions and connections between people, places and environments
- GE3-3 Compares and contrasts influences on the management of places and environments
- EN3-OLC-01 Communicates to wide audiences with social and cultural awareness, by interacting and presenting, and by analysing and evaluating for understanding
- EN3-VOCAB-01 Extends Tier 2 and Tier 3 vocabulary through interacting, wide reading and writing, morphological analysis and generating precise definitions for specific contexts

Key Inquiry questions:

- How do people and environments influence one another?
- How do people influence places and the management of spaces within them?

Focus question:

- Why is it so important to preserve long distance Pollinators for Australian landscapes? How can we manage animal populations whilst still allowing for urban development?



Kamay Botany Bay Environmental Education Centre

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Education

Students will:

- listen to an expert explain what the Flying Fox needs to survive and thrive in an urbanised setting
- observe a taxidermy bat
- participate in a guided walk around a bat colony
- learn how bats fit into Aboriginal culture including its use in the Dharawal calendar
- listen to an Aboriginal dreamtime story about a bat
- create a pastel drawing of a bat
- make an origami bat
- make a paper pot to plant a seedling

Learning across the curriculum content:

- Aboriginal and Torres Strait Islander histories and cultures
- Sustainability
- Critical and creative thinking
- Information and communication technology capability
- Personal and social capability

Agenda

Time	Activity
10:00 - 10:30	House Keeping Fruit and toilet break Welcome and Acknowledgment to Country Explain the activities to the students and staff
10:30 – 11:00	Talk by Sandra Guy from Sydney Wildlife Rescue
11:10 – 11:50	Activity 1
11:50 – 12:30	Activity 2
12:30 – 1:00	Lunch break
1:00 – 1:40	Activity 3
1:50 – 2:00	Wrap up, toilet break and roll call
2:00	On bus

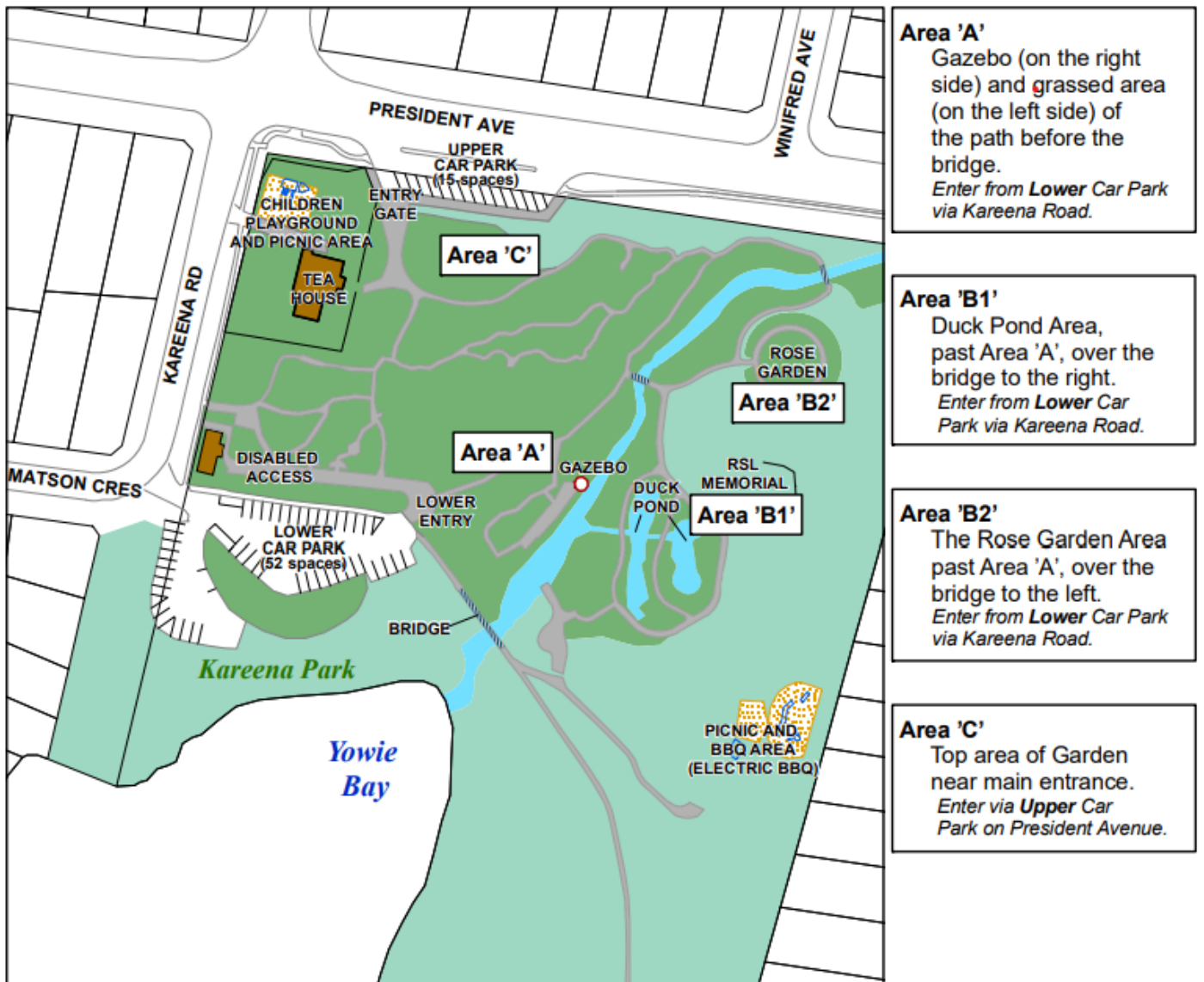
Booking Information:

Location	E.G. Waterhouse National Camellia Gardens 104R President Avenue, Caringbah South
Bus booking	Drop off and pick up at the parking area off Kareena Road, LOWER CAR PARK (to the left of Area A on map below)
Timing	Ideally schools should allow 4 hours for the program, including meal and toilet breaks.
Student checklist	<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	<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	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 742 284

Location map for the E G Waterhouse National Camellia Gardens



Area 'A'
Gazebo (on the right side) and grassed area (on the left side) of the path before the bridge.
Enter from **Lower Car Park** via Kareena Road.

Area 'B1'
Duck Pond Area, past Area 'A', over the bridge to the right.
Enter from **Lower Car Park** via Kareena Road.

Area 'B2'
The Rose Garden Area past Area 'A', over the bridge to the left.
Enter from **Lower Car Park** via Kareena Road.

Area 'C'
Top area of Garden near main entrance.
Enter via **Upper Car Park** on President Avenue.