

Environmental Change & Management

A fieldwork program to support Stage 5 Geography

OBSERVATORY HILL
ENVIRONMENTAL EDUCATION CENTRE



'Environmental Change and Management supports the Stage 5 Geography topic 'Environmental Change and Management', and focuses on marine environments and ways people can change and manage them.

The program has three main components:

1. Introductory activities and resources, including a comprehensive investigation of Sydney Harbour as a changing environment, to introduce the students to the fieldwork site and activities.
2. A whole day fieldwork experience at Clifton Gardens Reserve
3. Follow up activities and resources to enhance geographical knowledge and skills.

During the fieldwork day, students will:

- ☀️ Acquire, process and communicate geographic information to answer a fieldwork question.
- ☀️ Participate in a citizen science project involving collecting micro-plastic samples on Chowder Bay beach to add to research on the causes, extent and consequences of plastic pollution
- ☀️ Learn basic geographic tools of inquiry including mapping, field sketching, photo interpretation and water testing
- ☀️ Take part in an workshop about the marine ecosystem of Sydney Harbour.
- ☀️ Learn about, and model on Chowder Bay beach, stormwater management strategies.
- ☀️ Test stormwater in a watercourse in Chowder Bay Reserve for pollutants, and learn about the consequences of stormwater pollution.



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Cost:

From \$15 per student

Enquiries:

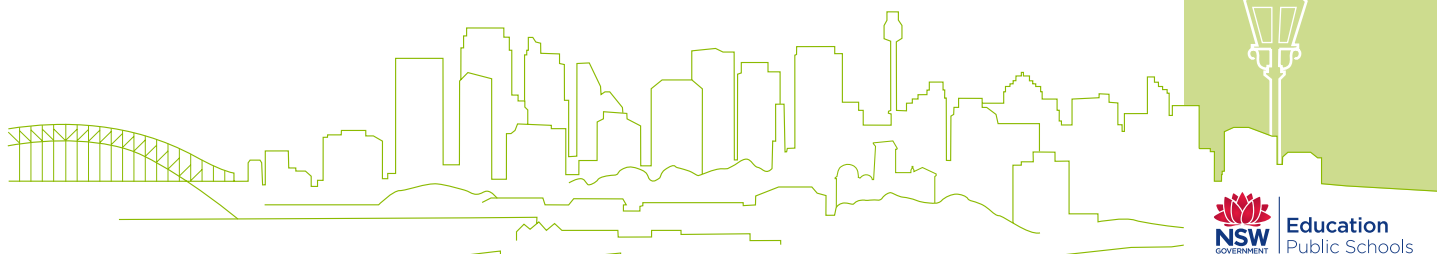
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For more information about this program and other environmental education programs, visit the Observatory Hill EEC website at:

<http://observatoryhilleec.schools.nsw.gov.au/secondary-programs>



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