

# ITINERARY



## Water in our World

## Year 7 Program

### Learning Intentions

As Citizen Scientists, students will:

- Observe different land uses and water flow of the Wellington Point or Manly Foreshore area and record these on a map
- Investigate possible causes of the decline in sea turtles
- Conduct experiments to collect data to assess water quality at various sites in Moreton Bay
- Comprehend the role mangroves play in water quality
- Recommend actions required to maintain and/or improve water quality in Moreton Bay

*“Inspiring Champions for the Bay”*

| Time        | Activity  |
|-------------|---|
| 9.30-9.40   | Introduction to MBEEC staff and program. Morning Tea and Toilets  |
| 9.40-10.50  | <b>Group A:</b> Mangroves – Exploration along coastline to appreciate links between water quality and mangroves. Conduct water quality experiments (data to be analysed back at school).<br><b>Group B:</b> Boat – Observe megafauna using binoculars and seagrass habitats using video glider. Conduct water quality experiments.<br><b>Group C:</b> Mapping – Observe and record land use and water flow. |
| 10.50-12.00 | <b>Group A:</b> Mapping<br><b>Group B:</b> Mangroves<br><b>Group C:</b> Boat  |
| 12.00-12.30 | Lunch and toilets   |
| 12.30-1.40  | <b>Group A:</b> Boat<br><b>Group B:</b> Mapping<br><b>Group C:</b> Mangroves  |
| 1.40-1.50   | Discuss findings from the day and decide on health of water in Moreton Bay. Begin to recommend possible actions.  |
| 1.50        | Board bus and return to school.   |

### Students will need:

- Covered footwear
- Sun-safe clothing and hat
- Sunscreen and insect repellent already applied
- Water bottle
- Morning tea and lunch
- Clipboard and pencil

### Litter-free Lunch

We encourage students and staff to pack a litter-free lunch. Everything in it can be re-used, composted or recycled. Drinks are brought in refillable bottles.



**Moreton Bay**  
ENVIRONMENTAL EDUCATION CENTRE  
*Inspiring Champions for the Bay*



**Queensland  
Government**

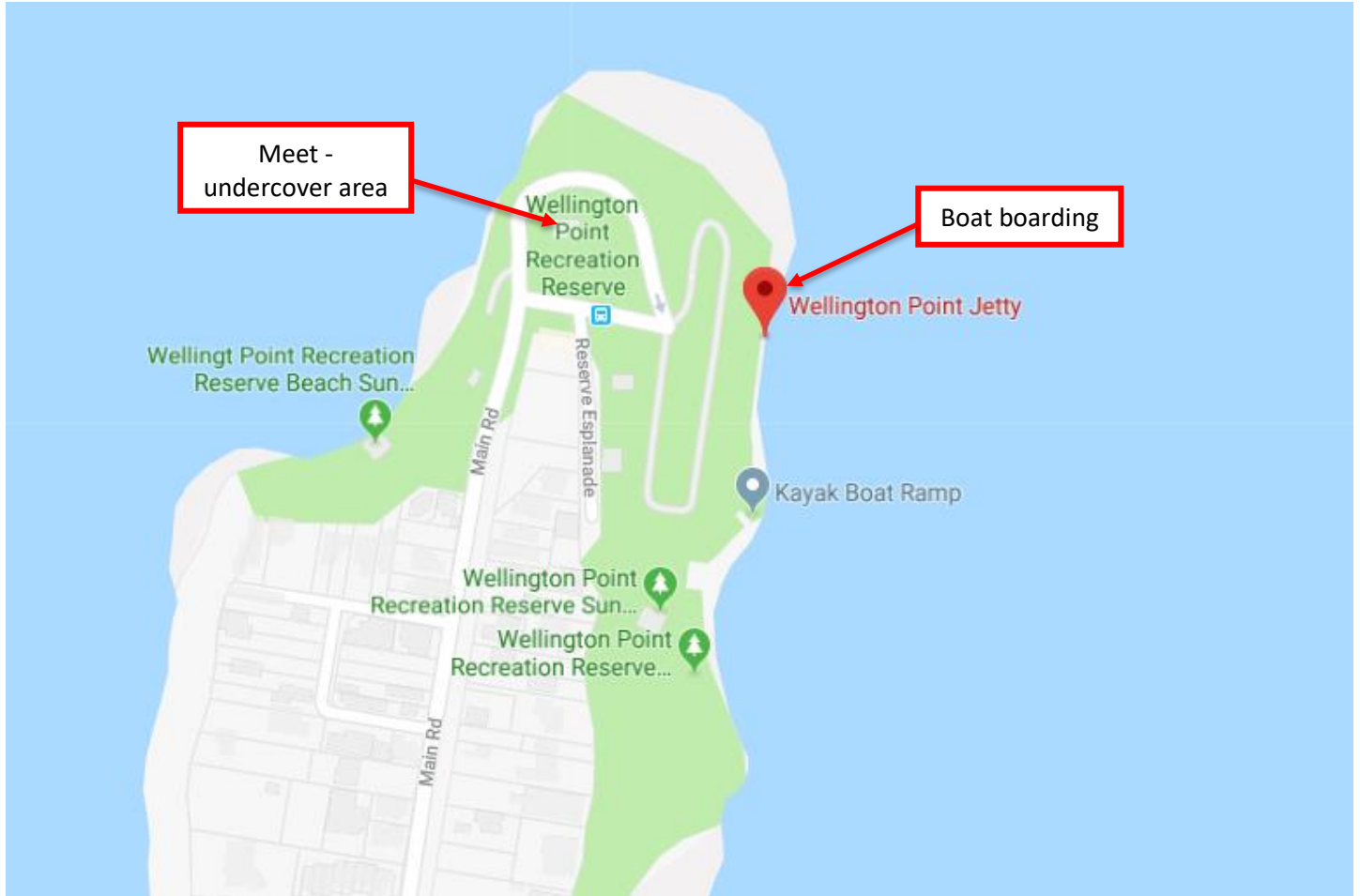
(07) 3906 9111

[www.moretoneec.eq.edu.au](http://www.moretoneec.eq.edu.au)  
[admin@moretoneec.eq.edu.au](mailto:admin@moretoneec.eq.edu.au)

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## Location Maps

Wellington Point Recreation Reserve – Main Road, Wellington Point



Moreton Bay

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