

ITINERARY

Overboard and Underwater

Year 5 & 6 Program

Learning Intentions

Students, in the role of Environment Managers, explore marine and coastal environments in order to:

- Annotate maps identifying how rubbish moves through the system
- Record land use, observe marine debris and investigate possible impacts on marine environments
- Identify and collect data about marine debris using a national standard rubbish audit and microplastics using a sediment grab
- Propose and evaluate management strategies, recommending ways to minimise marine debris

“Inspiring Champions for the Bay”

Time	Activity	
9.15	Students arrive at Bayside Park, Manly. Introduction to the day, safety briefing and orientation.	
9.30-10.00	<i>Inquiry: What data can we collect to explain human impact?</i> Students explore Manly foreshore, survey land use, annotate maps and investigate how rubbish might travel through the environment.	
10.00-10.20	Morning tea and toilet break	
10.20-11.50	Group A – Sediment Investigation. <i>Inquiry: How does the physical environment affect living things?</i> Students board <i>Inspiration</i> , collect a sediment sample and examine samples under microscopes for microplastics and living organisms.	Group B – Rubbish Audit. <i>Inquiry: How can this inform environmental management practices?</i> Students conduct a rubbish audit using the Tangaroa Blue method and national standard for rubbish audits.
11.50-12.20	Lunch and toilet break	
12.20-2.00	Group B – Sediment Investigation	Group A – Rubbish Audit
2.00-2.10	Students discuss and review the day, proposing strategies for the care of Moreton Bay.	
2.15	Students board bus to 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
- Raincoat (if necessary)

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
admin@moretoneec.eq.edu.au

ITINERARY

Location Maps

Bayside Park, Manly – Corner Fairlead Cres and Esplanade, Manly



Moreton Bay
ENVIRONMENTAL EDUCATION CENTRE
Inspiring Champions for the Bay



**Queensland
Government**
(07) 3906 9111
www.moretoneec.eq.edu.au
admin@moretoneec.eq.edu.au