

Booking Information

View available dates using the online [Availability Calendar](#). Contact the centre to make a booking.

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Connecting every learner to the natural world and inspiring change for a sustainable future.



Module 1: Cause and Effect - Observing

The Australian Microplastic Assessment Project AUSMAP has partnered with NSW Department of Education Environmental and Zoo Education Centres to support the implementation of the AUSMAP citizen science investigation for secondary students.

The AUSMAP scientific investigation enables teachers to model guided inquiry to address each of the S6 Investigating Science Working Scientifically outcomes and inquiry question for Module 1: Cause and Effect - Observing. This creates a brilliant opportunity for a depth study!

This excursion is part of a complete unit of work. The worksheets and resources, designed by specialist teachers, are provided.

Activities

Site Assessment - Students measure physical and biological parameters around the test site.

Microplastic Survey & Data Analysis - Students survey the strandline for microplastics before sorting and analysing data.

Macrolitter Survey - Students survey macrolitter in order to analyse the link between macrolitter and microplastic.

Data Reporting - Students collate and upload data to appropriate online citizen science databases. This may be completed at school.

Syllabus Outcomes & Content

Outcomes:

- develops and evaluates questions and hypotheses for scientific investigation INS11/12-1
- conducts investigations to collect valid and reliable primary and secondary data and information INS11/12-3
- selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media INS11/12-4
- identifies that the collection of primary and secondary data initiates scientific investigations INS11-8

Content:

- Role of Observations
- Observations
- Observations as Evidence
- Observing, Collecting & Recording Data
- Conclusions Promote Further Observations
- Cross Curriculum Priorities
- Sustainability