



Expedition: Deep Thought Science Extension for Yr 11 students

This is a five-day programme running over two blocks of teaching, for students who have a keen interest and curiosity in the world around them. Over the course of the programme, students will be working on a research vessel leading their own marine science team project, while being mentored by postgraduate students and staying overnight at the beautiful residency of Quarantine Island. This programme is also an ideal extension for those who have participated in previous NZMSC programmes.

Participants

- Students who are able and enthusiastic about science, and/or are gifted – not necessarily in the sciences (e.g. have strong leadership and social skills, cultural specific abilities, sporting and/or creative skills). See the criteria on the next page.
- Applicants **MUST** be available for the entire duration of the programme

Dates and location

- March 13-15 and April 5-6, 2023
- NZ Marine Studies Centre in Portobello, Dunedin. Transport to and from the Centre is the responsibility of the participating students/schools.

Application

Fill out the following pages in this order:

- Student and a guardian are to fill out pages labelled *Student Application*.
- A teacher or affiliated adult who knows the student through club organisation, marae, or similar is to fill out pages labelled *Student Profile*, then return the document to the email below.

Costs

- \$57.5 inclusive of GST per student.

Last day to apply: February 23, 2023

**Submit the application via email to portobello.marinescience@otago.ac.nz
For further enquires please contact: hanna.ravn@otago.ac.nz**



Expedition: Deep Thought

Science Extension for Yr 11 students

Block 1

- March 13** 10am - 5pm | NZMSC. Mihimihi. Meet and greet your team and mentor. Prepare and discuss project aim and methods, incorporating kaitiakitanga. Overnight: Quarantine Island
- March 14** 9am - 5pm | NZMSC. Full day on research vessel, data sampling and analysis. Overnight: Quarantine Island
- March 15** 9am - 5pm | NZMSC. Half-day on research vessel. Afternoon spent with data analysis in the lab at NZMSC.

Block 2

- April 5** 10am - 5pm | NZMSC. Finish analysis. Science communication through academic posters and novel presentations, revisiting kaitiakitanga. Overnight: Quarantine Island
- April 6** 9am - 5pm | NZMSC. Project completion. **Final presentation at 4pm for whānau, teachers and the public.**

Student details:

Surname

First name(s)

Gender

Ethnicity

Address

Number and street

Town or city

Postcode

Mobile

Email

Email (Guardian)

School

Iwi affiliation(s)

Have you previously participated in a NZMSC Science Extension programme?**YES****NO****Describe your involvement and/or interest in Marine Science****What school subjects are you most interested in, and why?****Why do you think we should select you for this programme?
(List/explain the skills and attributes you can offer the team.)**

NZMSC Guardian Waiver Form

Programme: Deep Thought 2023

In applying for a place on this programme,
and

(name of student)

(name of parent/guardian) agree to:

Student attendance for all programme dates and activities involved in this programme at the New Zealand Marine Studies Centre (involves time at sea, including ship board work, as well as fieldwork and lab based studies).

Follow Health and Safety procedures as directed from the document, and comply with all directions given by staff.

Give permission for New Zealand Marine Studies Centre staff to act and take responsibility in proxy of a parent/guardian, in the case of a medical emergency. This includes authority to administer and/or obtain medical assistance if considered necessary.

Allow the use of photographs or videos taken during the trip to be used in publications for promotional, reference or educational use. Images may be published in print, video and/or website. Copyright and ownership will rest with the NZMSC or it's representative.

Allow the NZ Marine Studies Centre to retain contact details in order to provide other programme opportunities in the future.

Please identify any health/medical conditions

NZMSC holds the right to contact guardians and/or schools if more information is needed to manage a medical condition. Be aware any allergies, medical conditions and/or food preferences should be mentioned in the form as well. **We will not exclude students based on information provided** but will use it to prepare any medical event that might be necessary to manage.

Details of health/medical condition

or N/A

Details of medication /management

or N/A

Name of Student:

Signed (Participating Student) Date

D / M / Y

Name of parent/guardian:

Signed (Parent/Guardian) Date

D / M / Y

Address:

Emergency contact phonenumber:

Science Extension and Enrichment Programme

Student Profile

(To be completed by teacher or other affiliated adult)



Name of affiliated adult
(and relationship to student)

Signature

Email

School/organisation

Student name

Year level

Areas of strength

Areas for development

Particular interests
or hobbies

Reading and writing ability

Personality traits
Give a measure of High, Medium or
Low - or comment

Sense of justice

Sensitivity

Perfectionism

Frustration

Anger

Team Strengths (Indicate student's main role in a team situation by ticking appropriate boxes)	Never Rarely Sometimes Always			
	Leader, chairman style (democratic)			
Leader, taskmaster style (autocratic)				
Creative innovator				
Resource investigator				
Practical, get the job done				
Team work facilitator				
Monitor/evaluator				
Completer/finisher				

Any further comments	
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Identification methods

Please identify how the student was selected. Please refer to <https://gifted.tki.org.nz/define-and-identify/> for identification information and tools. Tick all that apply, and add comments in the right hand column:

Teacher observation and nomination	<input type="checkbox"/>	
Rating scales (specify)	<input type="checkbox"/>	
Standardised testing (specify)	<input type="checkbox"/>	
Portfolios, performances and auditions	<input type="checkbox"/>	
Parent, caregiver and whānau nomination	<input type="checkbox"/>	
Peer nomination	<input type="checkbox"/>	
Self nomination	<input type="checkbox"/>	
Profiles (specify)	<input type="checkbox"/>	
Other (specify)	<input type="checkbox"/>	