

Year 10 Science Extension and Enrichment

Programme 1: Making Sense of the Marine World

Application due: 27 March 2020



NEW ZEALAND
MARINE STUDIES CENTRE

Programme Overview

Making Sense of the Marine World is an eight-day programme for Year 10 students identified as exceptional. Students do not have to be top science students; their talents may lie in drama, music, language, mathematics or more. Applicants must commit to the whole programme and ideally have some interest in marine science.

Costs:

We are delighted to be able to offer this programme in 2020 at a very reduced cost (NZ\$92 including GST) thanks to Ministry of Education funding for gifted learners. Schools will be invoiced after the student selection process is complete and it will be up to schools to determine the allocation of these costs.

Transport

Transport to/from the New Zealand Marine Studies Centre (NZMSC) is the responsibility of the participating students/schools. If there is difficulty with transport, please communicate with other schools/participants coming from nearby areas to carpool. There may be funds available to support transport costs in cases of financial duress. Contact portobello.marinescience@otago.ac.nz for further information.

Application process:

Applications will only be considered if all paperwork is returned by the closing date (application form, application waiver, and student profile from teacher). Schools are expected to use their own gifted identification process to submit up to three applications per school for consideration.

Please see gifted.tki.org.nz for information identifying giftedness.

| Block | Day | Dates 2019 | Time/Location | Notes |
|-------|-----|--------------------|---|---|
| 1 | 1 | Wednesday 22 April | 10:30am - 5pm NZMSC Overnight: Quarantine Island | Setting the theme |
| | 2 | Thursday 23 April | 9am - 5pm NZMSC Overnight: Quarantine Island | Team projects – planning, first sample and data collection. Boat based sampling and/or fieldwork if appropriate. |
| | 3 | Friday 24 April | 9am - 3.30pm NZMSC Overnight: quarantine Island | Tikanga, kaitiakitanga, team projects – research. Presentation challenge 1. |
| 2 | 4 | Wednesday 21 May | 10:30am–5pm NZMSC Overnight: Quarantine Island | Team projects – boat-based sample/data collection and fieldwork if appropriate. |
| | 5 | Thursday 22 May | 9am–5pm NZMSC Overnight: Quarantine Island | Sample handling and data collection. Fieldwork if appropriate. |
| | 6 | Friday 23 May | 9am–3:30pm NZMSC | Sample handling, data collection and processing. Presentation challenge 2. |
| 3 | 7 | Friday 19 June | 10:30am–5pm NZMSC Overnight: Quarantine Island | Data analysis, presentation preparation. |
| | 8 | Thursday 20 June | 9am–3:30pm NZMSC | Project completion. Final presentation 1:30–3.30pm (parents, teachers and public invited). |

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Student Application Form

Please email to: portobello.marinescience@otago.ac.nz

Or New Zealand Marine Studies Centre, PO Box 8, Portobello Dunedin 9048

Surname

First name(s)

Gender

Address

Number and street

Town or city

Postcode

Phone numbers

Mobile

Home

Email

School

Teacher name

Teacher email

Parent/caregiver contact details

Surname

First name(s)

Phone numbers

Mobile

Home

Email

Describe your interests in science and the marine environment?

Describe a practical science investigation you have carried out (e.g. science class, science fair).
Explain some of the practical problems. How reliable and relevant do you think this research was?

| Team (Indicate what you think your main role/s are in a team situation by ticking the appropriate boxes.) | | <i>Never</i> | <i>Rarely</i> | <i>Sometimes</i> | <i>Always</i> |
|---|-----------------------------|--------------|---------------|------------------|---------------|
| | Leader, chairman style | | | | |
| | Leader, taskmaster | | | | |
| | Creative innovator | | | | |
| | Resource investigator | | | | |
| | Practical, get the job done | | | | |
| | Teamwork facilitator | | | | |
| | Monitor - evaluator | | | | |
| | Completer - finisher | | | | |

What are your interests and hobbies?

Application Waiver

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 on the RS Polaris II, as well as lab based studies).

Follow Health and Safety procedures as directed, and comply with all instructions and directions given.

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:

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
