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LOAN

**NIWA**

*Taihoru Nukurangi*

# Sea and Learn



on board  
**RV *Kaharoa***

NIWA's multi-purpose inshore  
research vessel

NIWA owns and operates a number of research vessels, including the 28 metre *Kaharoa*.

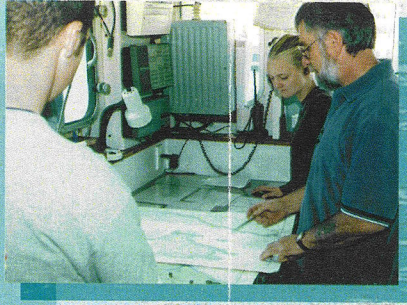
Each year NIWA, together with corporate sponsors, will provide ship time on *Kaharoa* for use in a free marine education programme for 6<sup>th</sup> and 7<sup>th</sup> form secondary school students.

Day trips will be provided for up to 12 students at a time from various ports around New Zealand. While on board, students will be involved in "hands-on" science using curriculum-linked resources developed by a team of senior teachers.

Full safety training will be provided.

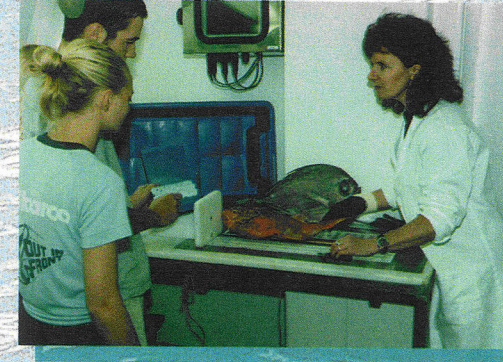
# Sea and Learn

on board RV *Kaharoa*



## The Sea and Learn programme has been designed to

- provide an opportunity for senior students to experience "real-life" science
- enable students and teachers to have direct interactions with practising scientists
- provide high-quality teaching resources linked to the New Zealand curriculum
- enable further professional development for teachers



For further details of the programme contact:

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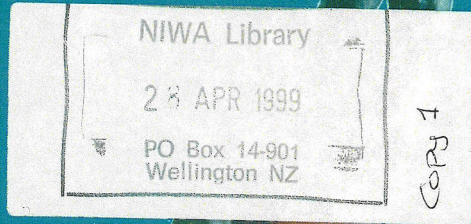
# RV Kaharoa

Launched in 1981, *Kaharoa* is a purpose-built research vessel.

Measuring 28 metres and weighing 300 tonnes, it is designed primarily for coastal surveys, but is capable of operating throughout the Exclusive Economic Zone and beyond.

*Kaharoa* is well equipped and carries out a wide range of marine surveys, including ecological, geological, physical, and fisheries. While on board *Kaharoa* students will be introduced to:

- Water column structure
- Zooplankton
- Phytoplankton
- Sediment composition
- Benthic organisms
- Marine sampling equipment
- Ship communications
- Navigation



## The National Institute of Water and Atmospheric Research

New Zealand's leading provider of atmospheric, marine, and freshwater science

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For further information about NIWA, visit our web site at <http://www.niwa.cri.nz>

