

National Science Week at the Tasmanian Museum and Art Gallery

Tuesday 19 August to
Friday 22 August 2014

Free Secondary Schools Program

Science of the Sea – Oceans of Change



Investigator: credit Ian Hawkes, CSIRO

Join scientists from TMAG, CSIRO, University of Tasmania, Institute of Marine and Antarctic Science, Australian Antarctic Division, Tasmanian Parks and Wildlife, and Wild Fisheries Management Branch of Department of Primary Industries, Parks, Water and Environment to investigate what is happening in our oceans.

This fascinating program of exhibits, demonstrations and activities is sure to inspire students in engaging with the latest science of the sea.

Suitable for: Years 9-10. If spaces become available, Years 7-8 will be accepted. Programs are directly linked to Year 9 and 10 National Science Curriculum 'Use and influence of science' and 'Nature and development of science'.

Times: 10:00 am – 11:30 am (session 1) or 12:30 pm – 2:00 pm (session 2)

Dates: Tuesday 19 to Thursday 21 August 2014

Friday 22 August: Remote and regional schools live virtual tours, 40 minutes maximum. 3 tours (10:00 am, 11:00 am and 1:00 pm).

Cost: Free

Venue: Tasmanian Museum and Art Gallery, Dunn Place, Hobart

For further information and bookings: email tmag.bookings@tmag.tas.gov.au

Bookings are essential and limited to two sessions per school.

www.tmag.tas.gov.au

This program includes:

- the hidden world of Sea Mountains, spectacular specimens and new species never before shown to the public;
- what the DNA of whales can tell us, plus sperm whale teeth, giant sea turtles and a recently restored and articulated False Killer whale specimen from 1866;
- tagging marine mammals: the hows and whys, and what tracking seals and whales can reveal;
- measuring the oceans: displays of the new research vessel, *RV Investigator*, Argofloats and the small underwater vehicle *Starbug*;
- collections of molluscs, such as sea snails and Argonauts, from the 19th century to the present-day whose distribution reveals our changing seas; plus
- Antarctic sea ice investigations, jellyfish, wild fisheries and marine reserve management, fish dissections, the Redmap citizen science project and more.



Argo float: credit Alicia Navidad, CSIRO