

About

Published on LEARNZ (<https://learnz.org.nz>)

[About](#) [1]

About LEARNZ

Over more than a decade LEARNZ has evolved into a comprehensive virtual field programme for the education sector.

Introduction

LEARNZ began life in 1995 as an Antarctic focused education programme harnessing the great stories that came from New Zealand Antarctic science research. LEARNZ at that time was an acronym for

Linking Education and Antarctic Research in New Zealand. During the period 1995 - 1998, LEARNZ developed the concept of the virtual field trip; taking students on learning adventures

to the Dry Valleys, the Antarctic coast and the Ross Sea in the depths of an Antarctic winter on-board a research ice breaker. The focal person in each of these expeditions was the LEARNZ

Teacher: meeting researchers in their workplace, interpreting and meeting objectives in science, social studies and technology curricula. Watch the LEARNZ [promo video](#) [2].

Snapshots from our story so far

Map my Waahi

Mapping

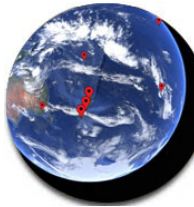
In a series of field

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2019

trips around Aotearoa New Zealand, LEARNZ worked with experts to help students make interactive maps about their own places and heritage



Kauri Dieback

2018



Northland, Auckland

The latest in a series of LEARNZ kauri trips, interacting with schools about the potentially catastrophic impact of this deadly disease on our native taonga

Water

Wellington

LEARNZ followed the journeys of freshwater, wastewater, stormwater and won two NZ Copyright Licensing Education



Awards

2017



Citizen Science

2016

Nationwide

During the Garden Bird Survey and Kereru Count LEARNZ worked with students on citizen science projects

Landfills



Sustainability

LEARNZ looked at waste, recycling, the carbon cycle, electricity from methane and engineered landfills at Kate Valley and Redvale

2015



Waterview Connection

2014



Auckland

LEARNZ followed Alice the tunnel borer during construction of New Zealand's biggest roading project

Geospatial



Christchurch rebuild

LEARNZ explored the importance of geospatial data and tools in the rebuild of Christchurch

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2013

Expeditions



Raoul Island

LEARNZ was onboard the HMNZS Canterbury with 30 secondary students on the Young Blake Expedition to the Kermadecs

2012

Whales



Cook Strait

From 2010 to 2013 LEARNZ joined the DOC whale survey team on Arapawa Island who use science to better understand the fate

of the mighty
humpback

2011



Māori Rock Art

2010

South Canterbury

LEARNZ discovered how the first people in New Zealand depicted extinct birds and traced their story as they recorded their contact with the first Europeans

Geohazards



Aotearoa-wide

During the period 2009 to 2013+ LEARNZ explored with EQC, the risks of volcanic eruptions and earthquakes in Auckland, Wellington

and Canterbury

2009



Ballet and Music

Wellington, Christchurch

LEARNZ followed RNZB performers as they prepared for opening night of Carmen and Don Quixote, and got to know musicians as they built up to CSO concerts

2008

Dairy Farming



Waikato

During the period 2007 to 2011 LEARNZ visited eight sheep/beef and dairy farms in the Waikato and Canterbury and looked at milk processing

2007

Marine Reserves



Goat Island

Over six years
LEARNZ visited
marine reserves and
special conservation
areas such as
Waituna Lagoon,
dune lakes and Ō Tū
Wharekai

2007

Antarctic Drilling



Ross Ice Shelf

LEARNZ returned to
Antarctica 2006 to
2009 then again in
2012 each time
exploring the nature
of Antarctic science

2006

Energy



Clutha River

During the period
2004 to 2009
LEARNZ visited
electricity
generation sites
including hydro,
geothermal, wind
and solar energy
and explored the
working of the
national grid

2005

Kākāpō



Whenua Hou/Codfish Island

Along with trips
about takahē, whio,
kiwi, shorebirds and
birds of prey

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Published on LEARNZ (<https://learnz.org.nz>)

2004

LEARNZ visited this special kākāpō sanctuary - on six occasions - to follow the plight of this adorable but seriously threatened ancient parrot



Petroleum and Minerals

2003

West Coast

From 2003 to 2012 LEARNZ went under ground/aboveground to explore coal and gold mining industries and to Taranaki to focus on petroleum facilities

Year of Mountains



Nepal, Aoraki Mount Cook

LEARNZ joined an expedition to a remote mountain village in the Kathmandu Valley, climbed to Mueller

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Hut and kayaked on
a glacial lake

2002



Island Odyssey

2001

Great Barrier Island

LEARNZ visited both
offshore and
mainland islands
used for the
conservation of
native species

World Heritage

Tongariro National Park

LEARNZ explored
the natural and
cultural landscapes
and Karioi Rāhui, an
ecological
restoration project
with Ngāti Rangi iwi



2000

Fiordland



Fiordland

The 1999 Fiordland field trip on pests, birds and bats in Fiordland was the start of the modern LEARNZ programme based on New Zealand stories

1999

The Ross Sea

Antarctica in winter

LEARNZ explored the Ross Sea in the depths of an Antarctic winter on-board a research icebreaker



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1998

Penguin Biology



The Coast

LEARNZ expanded its virtual field trips to include penguin reproductive biology at Cape Royds and drilling at Cape Roberts

1997

Antarctic Science



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participating in their
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Ross Ice Shelf

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Kakapo

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Links

[1] <https://learnz.org.nz/about>

[2] <https://vimeo.com/77008024>