



Competitions kōrero *Topic*
 journey **Celebrations** Events
 kaupapa *Themes* experiment

LEOTC 'A Year of Events & Activities'

Anniversaries adventures
 Exhibitions akoranga **analyse**
 Surveys **Explore** learn



May/June/July 2017

Chasing Genius

WHAT IS YOUR IDEA?

ENTER THE CHASING GENIUS CHALLENGE AND YOU COULD WIN \$25,000 TO TURN YOUR IDEAS INTO CATALYSTS FOR CHANGE IN THE WORLD.

We are currently soliciting ideas around three critical issues, based on feedback from you and input from our CHASING GENIUS Council. Each issue is designed to attract the broadest range of ideas. To learn more, explore the issues below.

ISSUE ONE	ISSUE TWO	ISSUE THREE
SUSTAINABLE PLANET	GLOBAL HEALTH	FEEDING 9 BILLION
		
EXPLORE THIS ISSUE	EXPLORE THIS ISSUE	EXPLORE THIS ISSUE
<i>(/issue/1)</i>	<i>(/issue/2)</i>	<i>(/issue/3)</i>

CHALLENGE STATUS



LEARN MORE (<http://www.natgeochasinggenius.com/challenge>)

June 2017



Matariki

25th June 2017

World Environment Day

'Connecting People to Nature'.

I'm With Nature



5th June 2017

World Arbor Day

5th June 2017



NZARBTM

New Zealand Arboricultural Association Inc.



World Ocean's Day

8th June 2017

National Geographic Explorer's Week

June 15-18, 2017



Cool Antarctica



We celebrate exploration every day of the year, but during Explorers Festival we're bringing together the

most fascinating and innovative scientists, conservationists, explorers, and storytellers to share—with one another, and with the world—how their discoveries and ideas are creating change for the better

August 2017

New Zealand's Next Top Engineering Scientist: The competition

The annual New Zealand's Next Top Engineering Scientist competition is a problem solving event for teams of senior secondary students organised by the University of Auckland's Department of Engineering Science, and sponsored by Orion Health and Fisher & Paykel Healthcare.



This fun and challenging competition is for teams of three or four Year 12 or 13 students who are interested in mathematics and science.

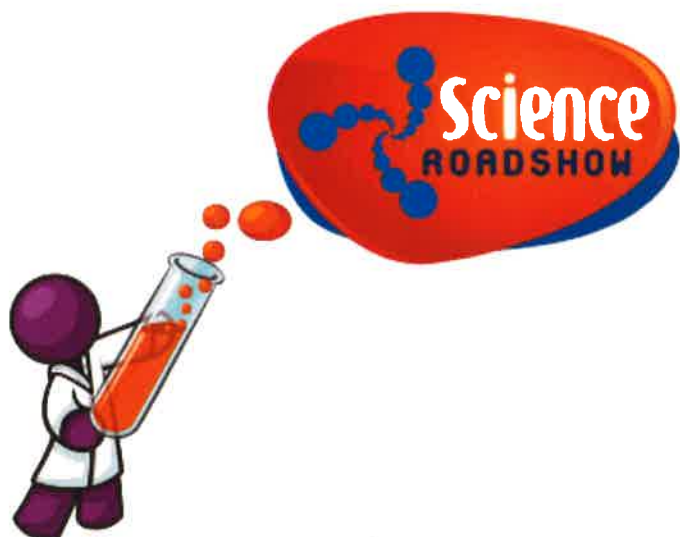
Prizes

The first prize is \$6,000, and there are two runner-up prizes of \$2,000.



The National Science-Technology Roadshow

August 2017



Central Northland Science Fair

August 2017



Monday 28th August 2017 - Thursday 31st August 2017

Friday 1st September - Friday 15th September 2017

Display of winning exhibits for all Class & Special Award Winner categories at Kiwi North

Save Kiwi Month

October 2017

October is Save Kiwi Month. There are heaps of ways to get involved, during the month and also throughout the year.



Conservation Week

14–22 October 2017



Department of Conservation
Te Papa Atawhai

**PIRITAHU
MAI—PIRITAHU
ATU!**

TE WIKI TIAKI TAIAO
10–18 HEPETEMA 2016

- ngā tūmahi
- ngā whakataetae
- ngā huihuinga hapori

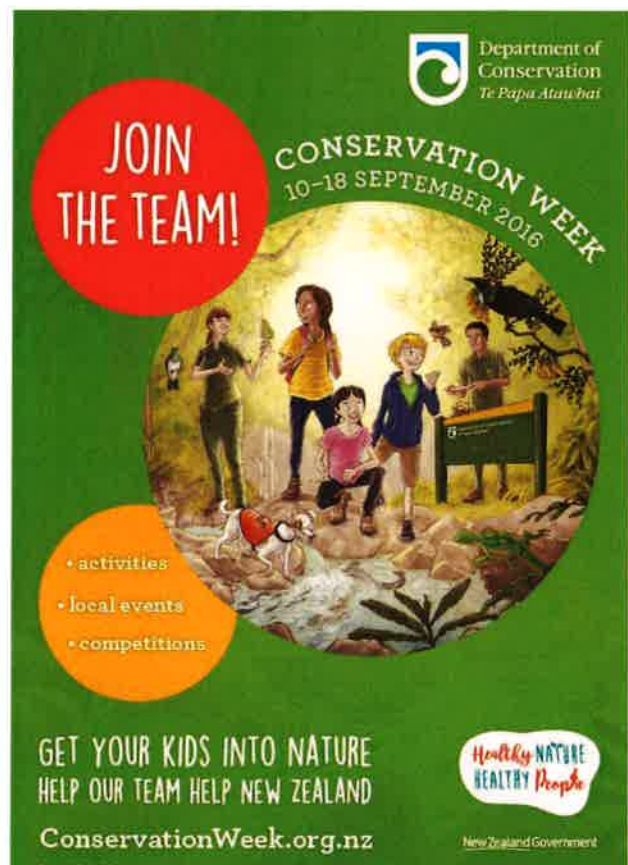
WHAKAPIRI MAI—WHAKAPIRI ATU KI TE AO TŪROA
ĀWHINA MAI—ĀWHINA ATU ĀWHINATIA I A AOTEAROA

He Oranga TAIAO
HE ORANGA TANGATA

ConservationWeek.org.nz

Te Kāwanatanga o Aotearoa

Whakataetae: Whakataetae



Department of Conservation
Te Papa Atawhai

**JOIN
THE TEAM!**

CONSERVATION WEEK
10–18 SEPTEMBER 2016

- activities
- local events
- competitions

GET YOUR KIDS INTO NATURE
HELP OUR TEAM HELP NEW ZEALAND

ConservationWeek.org.nz

Healthy NATURE
HEALTHY PEOPLE

New Zealand Government

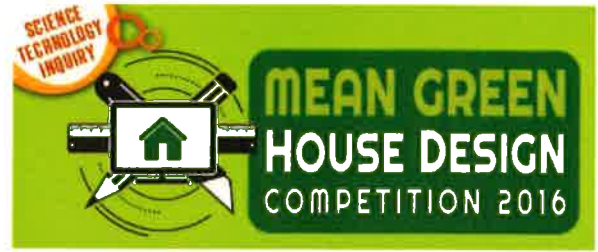
Whakataetae: Whakataetae

World Habitat Day

First Monday of October

How well are you preparing your students to deal with the energy-based sustainability issues of the present and future?

The Mean Green House Competition offers a very comprehensive, in-depth inquiry that really engages students to meet these challenges through informed design of a sustainable energy house



World Space week

4 to 10 October

“Exploring New Worlds In Space”



World Animal Day



Disaster Reduction Day



NZ Get Ready Week is held every year to mark the International Day for Natural Disaster Reduction

13th October

TSUNAMI 101

WHAT IS A TSUNAMI?

A tsunami is a series of powerful waves with strong currents. They are mostly caused by underwater or coastal earthquakes, and sometimes by underwater landslides or volcanic eruptions.

NORMAL VS TSUNAMI WAVES

Normal waves
Travel with waves of five and several feet between waves (1-2m).
Disrupts normal waves, but they return to normal.
A tsunami can be a single wave or a series of waves traveling together for hundreds of miles.

Tsunami waves
Travel hundreds of miles per hour, sometimes faster than a jet.
They are much deeper, 100 meters or more.
Normal waves are the result of wind blowing on the surface of the water. Tsunami waves are the result of a sudden change in the shape of the seabed.

TSUNAMI WAVES CAUSE DAMAGE BECAUSE THEY ARE...

- Very fast, reaching 500 km/h in deep water.
- Traveling long distances with little friction.
- Can be several meters high in deep water.
- Traveling in long, narrow waves.
- Can be several meters high in deep water.
- Can be several meters high in deep water.
- Can be several meters high in deep water.

happens.nz

DON'T FORGET
Long or Strong
GET GONE

TSUNAMI 101

HOW A TSUNAMI HAPPENS

1. An earthquake occurs on the seafloor.
2. The seafloor moves up and down.
3. This movement pushes and pulls the water above it.
4. The water moves back and forth, creating waves that travel across the ocean.

THE IMPACT OF TSUNAMI WAVES

- 1. People are swept away.
- 2. Buildings are destroyed.
- 3. People are rescued.

happens.nz

DON'T FORGET
Long or Strong
GET GONE

Big Backyard Butterfly Count

10 and 30 November 2017

The Big Backyard Butterfly Count is a Citizen Science project to raise awareness of New Zealand's native butterflies and day-flying moths, their numbers and spread. The Monarch Butterfly New Zealand Trust hopes everyone will participate by counting the species they see in their garden for just one hour on one day between 10th and 30th November.



Lepidoptera have, over millions of years, evolved a wide range of wing patterns and coloration ranging from drab to brightly coloured and complex-patterned butterflies. Butterflies and moths play an important role in the natural ecosystem as pollinators for many of our strong scented and nectar rich natives such as Koromiko, Puawhananga (native clematis), Makomako, Karaka, Astelia and Korokio.

World Fisheries Day

November 21st 2017



World Fisheries day is celebrated every year on November 21 throughout the world by fishing communities. This day is celebrated through rallies, workshops, public meetings, cultural programs, dramas, exhibition, music show, and demonstrations to highlight the importance of maintaining the world's fisheries. World Fisheries Day helps in highlighting the critical importance to human lives, of water and the lives it sustains, both in and out of water. Water forms a continuum, whether contained in rivers, lakes, and ocean.

“Through participation in experiential learning activities and action projects on this special day, young people can be encouraged to contribute to the health of aquatic ecosystems and the quality of life they support.” Dian Parmionova

February/March 2018

Seaweed

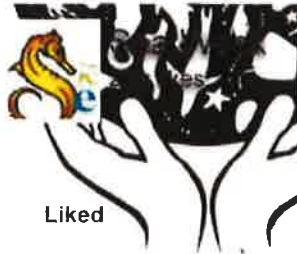


@nzaeeseaweed

Seaweed is New Zealand's annual, national week about the sea. It is coordinated by the NZ Association for Environmental Education (NZAEE).

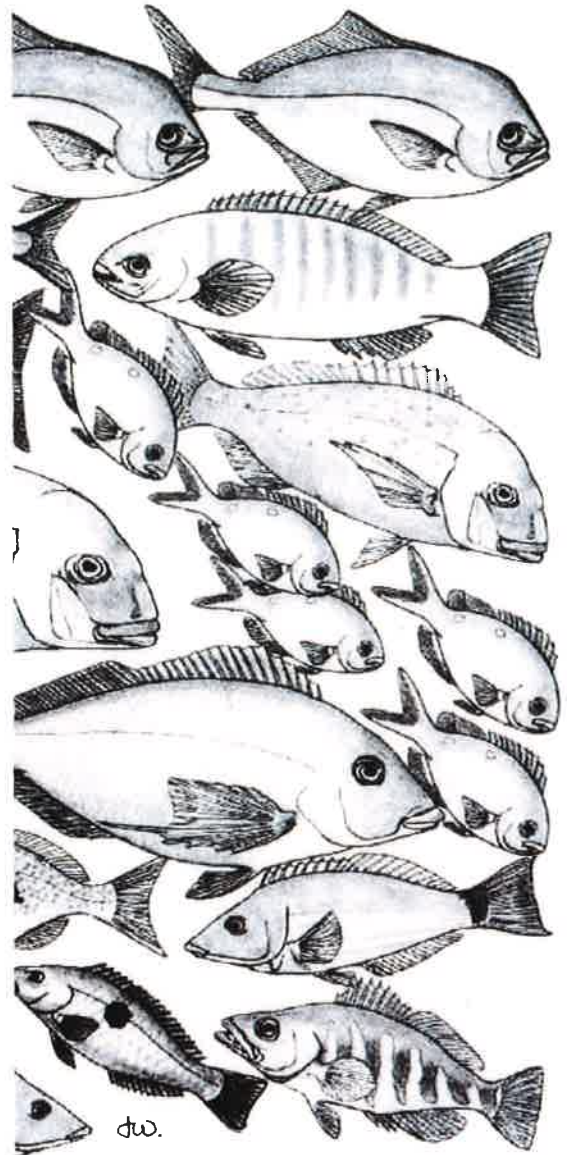


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ABOUT US

The New Zealand Association for Environmental Education (NZAEE) is a national, non-profit organisation that promotes and supports lifelong learning and encourages behaviour that leads to sustainability for New Zealand/Aotearoa. NZAEE is an independent voice for environmental education, empowering people to respect and nurture the environment, recognising its link with the social, cultural and economic aspects of sustainability.



Seaweek is NZAEE's annual, national flagship event. It is run through NZAEE members and volunteers with support

from a wide range of individuals, groups and organisations.

Careers in STEM

March 2018

Find out about science, technology, engineering and maths (STEM) careers.



Have you ever considered a career in science, technology, engineering or maths (STEM)?

The increasingly scientific and technological society we live in means that the biggest growth areas worldwide – and where most of the skill shortages are – are in occupations linked to STEM subjects.

Find out more about some of the jobs that fall under these growth areas:

Jobs using science

Jobs using technology

Jobs using engineering

Jobs using maths

Tech Week

May 2018

Finding local answers to global questions

Techweek is an annual week of technology and innovation events amplifying the stories of New Zealand individuals and companies that are changing the shape of the near future.

