

Welcome to



STOP THE SPREAD

17 and 18 May 2017
Keswick Camp, Rotorua

JOINING FORCES AGAINST PESTS



Why would we...



Spend hundreds of hours planning...



Collaborate with organisations across the region...



And allocate significant funds...

For a bunch of teenagers?!

Well...

Taiohi-Taiao Youth Jam is all about **true** youth engagement focused on issues of sustainability.

- A diverse bunch of young people coming together for 2 days of learning, networking, interacting and contributing to decision making in our rohe.
- Involving partner organisations and having clear goals that we can achieve together.

Most of all, it's about all of us having fun while we do it!

The most appealing topic in the world:

PESTS.



Slimy!



Feral!



Prickly!



Explosive!



Australian!

So how do we make this happen?



Support from the Biosecurity team



Support from the Natural Resources Policy team



Collaboration with key partners – Tauranga City Council and the Department of Conservation



Wrap it all up with an amazing field trip to Canopy Tours



Work alongside rangatahi leaders to make it happen

A trial run for the CE team was necessary, of course.



Our outcomes

Outcomes for students:

- Understand why we invest in biosecurity in Aotearoa
- Identify what the BOP pests are
- Contribute to the Regional Pest Management Plan
- Learn about how we can manage pests
- Take home 3 actions to apply
- Meet some cool people

Council Outcomes:

- Raised youth awareness of our biosecurity work
- Youth feedback on the Regional Pest Management Plan
- Relationship development with some of the key biosecurity stakeholders in Rotorua

Making it Happen – the YJ “A Team”

Nat

First Youth Jam – flailing around asking what the heck is supposed to be happening

Unwanted pest

(Actually a Most Wanted youth leader)

Eddie

The closest thing to an actual Youth that we have

Te Kahu

Our spoken word champ and student-energiser extraordinaire



Kerry

AKA Camp Mother
Total trooper, has attended every single YJ ever held

Janie

Voice of calm and reason in all situations

Making it Happen – our schools

Te Wharekura
o Mauao

Katikati
College

Whakatāne
High School

Diversity - Inclusiveness - Representation

Ethnicity Age Ability
Confidence Knowledge

Rotorua Lakes
High School

Pāpāmoa
College

Rotorua Girls
High School

Te Maru (SNU)
Western Heights
High School

How Youth Jam Rolls - 1

Student Leaders' Day – reps from each school come along for a day of networking and learning to develop leadership, facilitation and pest knowledge skills in preparation for taking on a leadership role throughout the event

Led by
Eddie &
Nat

Mock debates

What is
facilitation?

Icebreakers!

Identifying
leadership
skills

**A bonus trip
to Waikite
Valley Hot
Pools**

Intro to the RPMP

How Youth Jam Rolls - 2

Whakatau – to welcome all our students, teachers, presenters, organisers and supporters.



Councillors Tahana and Winters
addressed the kaupapa of Taiohi-Taiao
Youth Jam 2017



How Youth Jam Rolls - 2

Activity Rotations – our experts in pest control and management lead 5 different workshops of 45 minutes' duration

\$\$s (*BOPRC*)

The costs and responsibilities of pest management

Towards 2050 (*TCC*)

Effects of global climate change on biodiversity and the impacts on pests

Bad Enough? (*BOPRC*)

Classification and prioritisation of pests

Pest Pathways (*BOPRC*)

An interactive game exploring how pests spread

Take Action (*Canopy Tours*) (*DOC*)

Identifying trapping and pest control methods

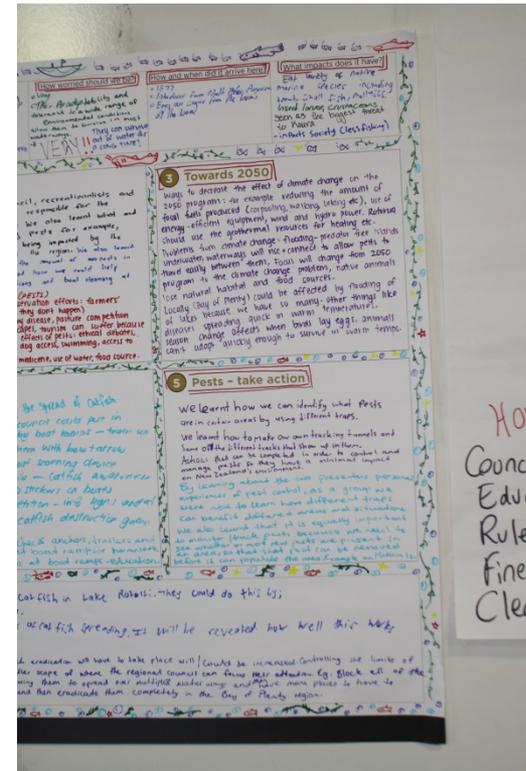
How Youth Jam Rolls - 3

Field Trip – every school has the chance to experience the exhilaration and learning offered by Canopy Tours



How Youth Jam Rolls - 4

Submissions – over the 2 days of Youth Jam, each group of students is allocated a key pest to study and apply their new learnings to. At the conclusion of the event each group presents back to the whole group. These presentations form submissions towards the RPMP.



It wouldn't be Youth Jam without...

SLAM POETRY!

Led by the one and only, national champ spoken word artist,
Te Kahu Rolleston of Matakana Island
(or, 'the centre of the universe,' as he says)

Te Wharekura o Mauao – “Bilingual”

SLAM POETRY!



SLAM POETRY!

Aotearoa, with so many native species,
we all have a responsibility to look after the
trees.

And the insects and the birds that sing so
sweet, an island just off to the right.

The Galapagos of the West Pacific,
except our birds, they have no flight.

Our frogs don't even croak,
our insects and reptiles just blend, no bright
colours here.

Understated and humble.

Slow and silent.

But precious as a jewel.

We need to hold so close.

Anonymous



SLAM POETRY!

As we walked to the van, we see someone stare, who could it be?
Shayne who took us to the canopy.
Feeling nervous, feeling scared, but nothing will stop me from
overcoming my fear.
Standing over the edge, looking down,
makes me want to scream out loud.
I dream of that day where I soar through the trees, with my atua tane
protecting me.
The native rākaus, māori birds all extinct, never going to return.

April Kihirini and Te Ariki Henare (15), Te Wharekura o Mauao.

SLAM POETRY!

Green leaves coarse,
unappealing to horse,
a touch will make you feel remorse.
Locking nitrogen into the earth,
this shrub snuggles into its berth.
By fire it may expire,
but from heat resistant seeds, new life feeds.
Biological control,
munching bugs on payroll.
From exploding pods,
some beat the odds.
And it covers the fields,
refusing to yield.
Yellow flowers glow,
safe from homeland's snow.
In winter it helps bees,
but don't touch, please.
Its spread, we do not endorse,
it is the dreaded gorse.

Katherine Rae Spiedell (16), Papamoa College

Submissions & Outcomes

Wallabies

What are some distinguishing features of your wallaby?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

What are some distinguishing features of your wallaby?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

Bad enough?

What are some distinguishing features of your wallaby?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

SS's

What are some distinguishing features of your wallaby?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

Towards 2050

What are some distinguishing features of your wallaby?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

Pest path

What are some distinguishing features of your wallaby?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

Challenge question:

We have already spent a lot of money trying to contain wallabies so they don't spread further. Should we continue trying to contain them, even though it will cost the ratepayer more money? Why do you think this? What else could we do?

What freaked you out?

What concerns you most?

STOP THE SPREAD

Bad enough?

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What are some distinguishing features of your wallaby?

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Pest path

What are some distinguishing features of your wallaby?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

Challenge question:

Gorse releases nitrogen which can get into waterways and impact on freshwater quality. Should there be rules to get rid of it off your land? Why do you think this? What should the rule be?

What freaked you out?

What concerns you most?

STOP THE SPREAD

Challenge question:

Hornwort is very easily spread across waterways. Should Councils be able to prosecute people who transport weeds in their equipment? What other ways could we stop the spread of Hornwort?

4 Pest path

Even a tiny fragment can establish a new population. Not all pests are visible - i.e. Myrtle rust.

Ways to prevent:

- Wet cordons
- Raise awareness
- Changing habits - making cleaning the norm
- Cleaning stations at boat ramps
- Competition

There should be a threat of an instant fine. It could increase in value for repeat offenders.

- Establish cleaning stations at public boat ramps. Spot checks to ensure people are cleaning correctly.
- Reminder signs at boat ramps warning that hornwort is in the lake/waterway.
- Educational adverts raising awareness and instructing how to correctly clean equipment.
- Stalls at things such as boat shows. Pamphlets that can be placed in bags at fishing shops.

MY BUM IS CLEAN. IS YOURS?

STOP THE SPREAD

Catfish

What are some distinguishing features of your catfish?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

SS's

What are some distinguishing features of your catfish?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

Towards 2050

What are some distinguishing features of your catfish?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

Pest path

What are some distinguishing features of your catfish?

What does it eat?

How do you think it should be kept?

How would you like to see it used?

Challenge question:

There are not many fish they are contained in one lake but they could spread easily. Should Council try to eradicate all catfish in Lake Rototoi even though this will cost a lot of money or should Council spend less money trying to stop the spread instead? Why do you think this and how could it be achieved?

What freaked you out?

What concerns you most?

STOP THE SPREAD

Submissions & Outcomes

Gorse should not be a target for elimination/eradication until after New Zealand is mostly free from other [more harmful] pests



Submissions & Outcomes

We believe that Regional Council should subsidize the cost of gloves and educational workshops on how to remove/spray gorse. This would help to involve the community in gorse removal without large costs to Council.



Submissions & Outcomes

Community education about Hornwort – brochures or stalls at boat shows, in fishing shops etc



Submissions & Outcomes

[Regional Council] could establish cleaning stations at all boat ramps.



Submissions & Outcomes

Regional Council could play a greater role in controlling [feral] cats by creating awareness among the community of the dangers, with educational programmes.



Submissions & Outcomes

There should be the threat of an instant fine [for boat users who don't clean their hulls]. It could increase for repeat offenders.



Submissions & Outcomes

If we prevent the spread of the wallaby population, it will in turn save the ratepayer more money in the long run, as well as benefit the longevity of our forests' biodiversity.



Some other learnings

There are 2418 species of vascular plants in New Zealand; over 500 are pests

We learnt we can identify different pests in certain areas by using different traps

To eradicate pests we must kill them faster than they can breed

We thought about creating a catfish detection app

“Prevention is better than cure”

Pests can impact the environment, economy, social life and culture of a country

Pests can have dire consequences – some lakes and rivers may become unswimmable

Rabbits and rats give birth to 12+ babies a year

Climate change will affect our ability to be predator free by 2050: other pest species may arrive; control mechanisms for pests may disappear; more diseases may occur

Feedback!

Everyone kind of knew everyone at the end which was really cool.

Excited for next year!

- *Student, Whakatāne High School*

Thank you for the invite - I always enjoy the opportunity to kōrero with and engage our young people.

- *Cllr. Tahana*

The highlight for me was to see the students light up with passion and conviction about a subject they knew little about prior to

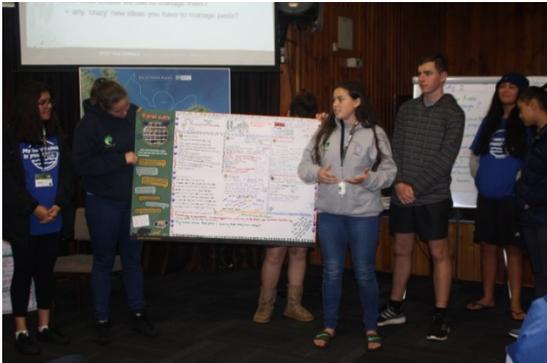
Youth Jam. - *Janie, BOPRC*

LOVED the workshops - well pitched and interactive.

- *Michelle, teacher from RGHS*

It was a really well run event and I really enjoyed how most of the activities were hands on meaning that the majority of people had a greater interest in that workshop

- *Student, Whakatāne High School*



Towards 2018

AKA "No rest for the wicked"



Natural Disasters/Civil Defence



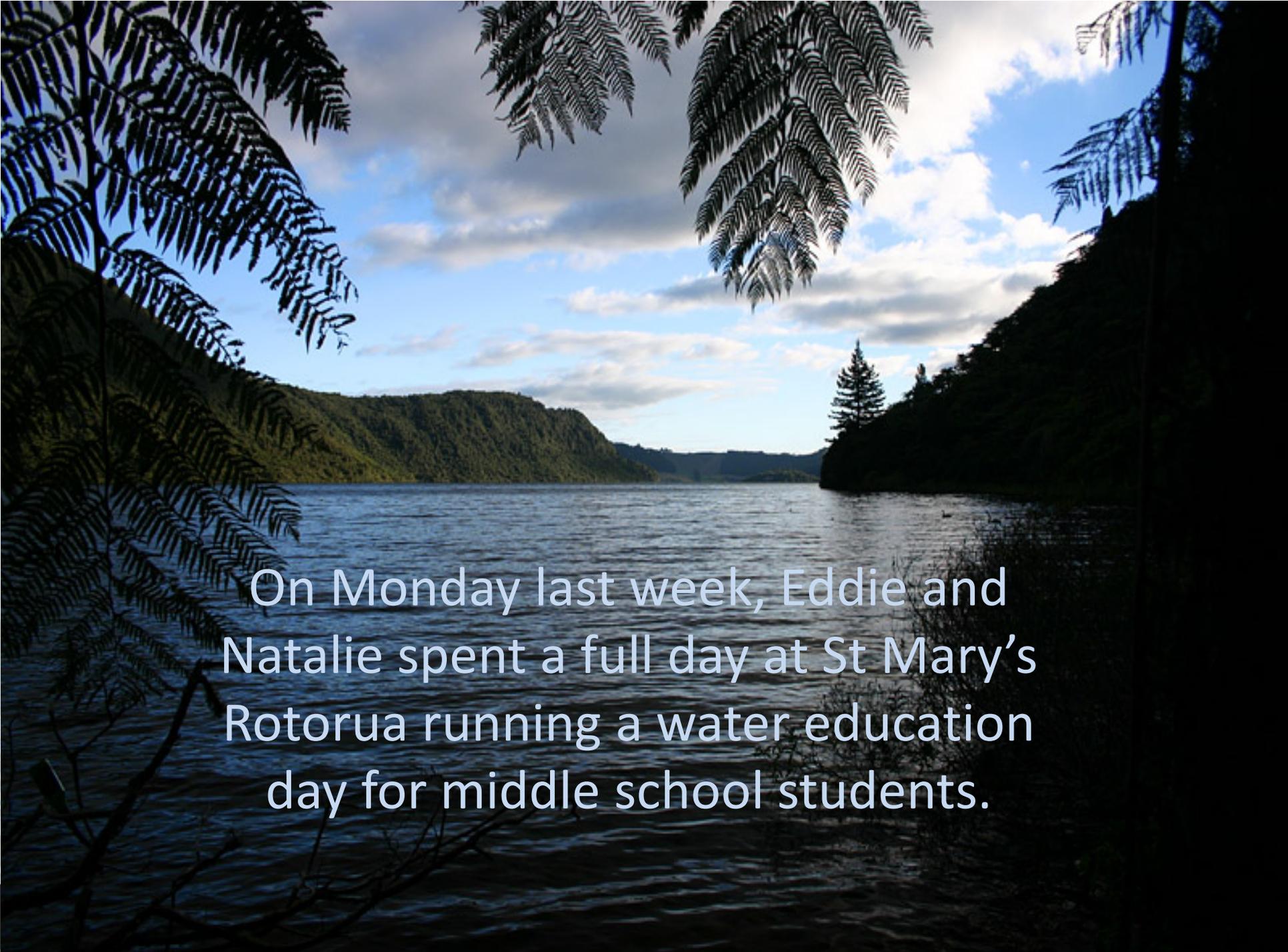
Ōhope or other coastal location

But wait!

There's more!



**The adventures keep on coming for
the
Community Engagement Team!**



On Monday last week, Eddie and Natalie spent a full day at St Mary's Rotorua running a water education day for middle school students.

Students rotated through three activities





A freshwater conservation board game...



Ngā Momo Wai – Māori terms, beliefs and uses for the taonga that is fresh water...



...And learning about what a catchment is and how it works

What they said...

“On Monday we had two awesome fun people from the Bay of Plenty council come and talk to us about the water in the Bay of Plenty. We had four activities, the first one was learning about the Maori words for water and figuring out what pictures represented the different water.”

Wai- water

Wairere - waterfall

Wai- inu - drinking water

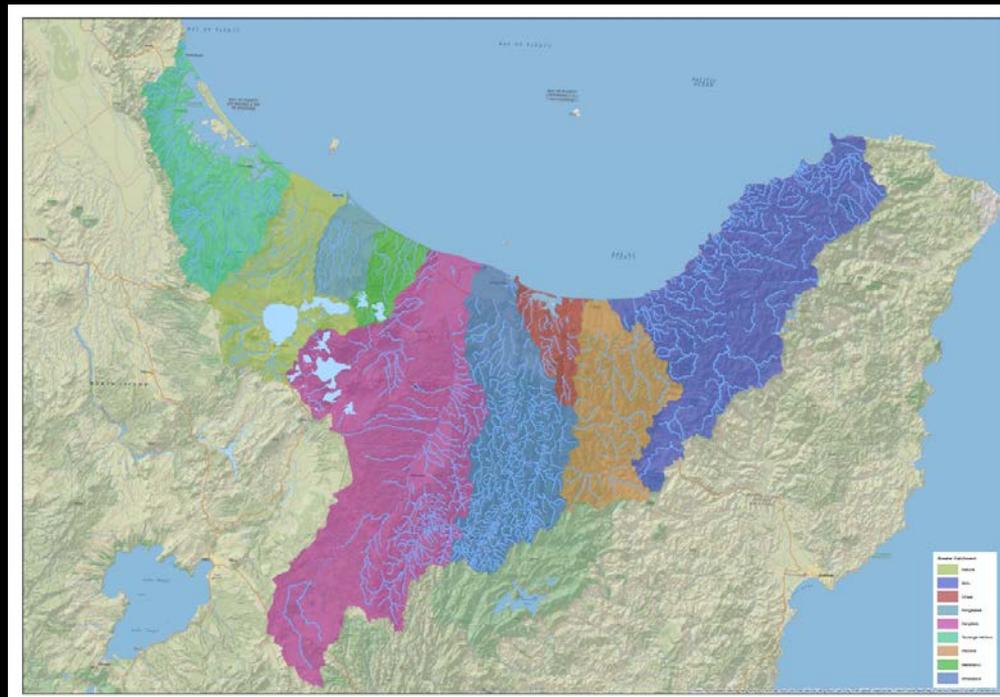
Waimate- dead water

Gabbi – age 8



What they said...

“We looked at the maps for the Bay of Plenty we learnt that catchment means where water gathers like a bath tub. We learnt that there are 9 main catchments in the BOP and 18 lakes in Rotorua. We also learnt why the green lake is tapu, it was a burial grounds for the Maori.”



What they said...

“Your flare, energy and knowledge of our water topics, were transmitted to the students who in turn were engaged and went away having learnt about our BOP area.”



Jill, Room 12 Teacher



Stay tuned!

For more adventures
from the

**Community Engagement
Team**