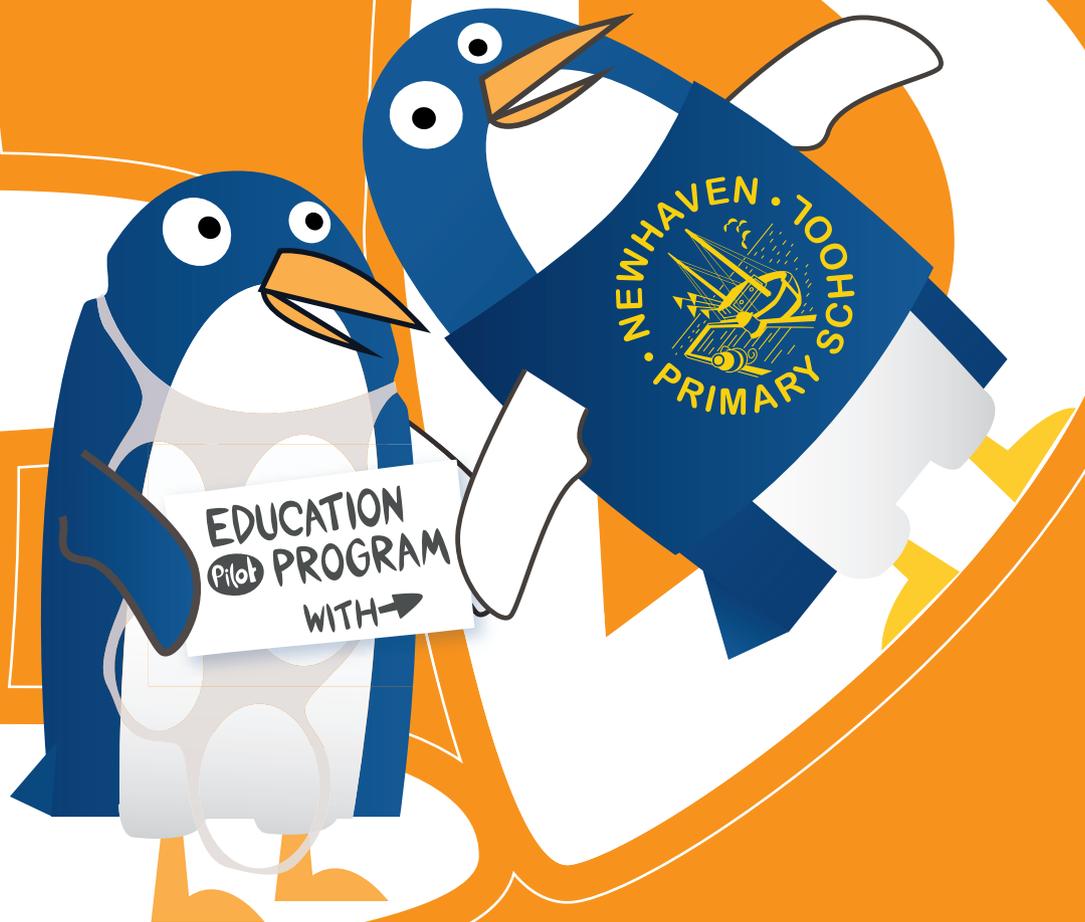


# Totally reNewable Phillipi Island



EDUCATION  
Pilot PROGRAM



## TRPI Ed Pilot Program

On Monday the 10th of February, Newhaven Primary School was visited by volunteers from Totally Renewable Phillip Island (TRPI) who sent their Education Program off to a flying start. A casual conversation with Principal Sharyne Munday in late 2019 about ways schools can reduce pollution has led to Newhaven Primary School becoming the pilot school for TRPI's Education Program. The belief is that for our community to reach a Carbon Neutral target by 2030 it must first begin by giving children the tools to make a meaningful difference.

The whole school brainstormed different ways that they could cut down on pollution creating five different Working Groups, one for each solution they came up with. Throughout Term One, TRPI mentors will visit the school and interact with the Working Groups, which will be made up of students from Grades 3 to 6.

The Food Working Group mentored by Peter Wontfor will look at how the choices of foods and

how they are packaged and stored can help reduce the amount of plastic ending up in our waterways and land fill. The Energy WG mentored by Phil Dressing will address how the school can reduce their usage of electricity and what alternative sources to coal they can use.

The Rubbish WG mentored by Neroli Raff will work towards ensuring that waste produced by students and staff is disposed of in the correct bin, and wherever possible reused, recycled or composted.

The Garden WG mentored by Bhavani Rooks and Heather Livingstone will help Newhaven Primary School grow their own healthy produce that students can make into delicious meals, while investigating the way plants use photosynthesis to sequester carbon from the air and draw it down into the soils where carbon content will increase moisture storage and grow healthier crops. The Transport WG mentored by Aileen Vening and Mary Whelan will come up with solutions to reduce the amount of petrol used to get students to and from school. Lastly, the Education WG mentored by Jeni Jobe will collect, analyse and report on data gathered to present in a dynamic footprint document as a record of Education Program in its pilot stage.

It's about saving our environment!

TRPI members are excited at the prospect of gaining insights from this pilot that will help them create meaningful ways for schools to teach students how to care for their local environment while engaging with the curriculum. Totally Renewable Phillip Island hopes that the lessons learned from the Newhaven Primary School pilot will be used to better deliver the program to schools in the Phillip Island and greater Bass Coast region in the future.

The TRPI pilot Education Program is looking to be an invaluable learning experience for students, teachers and mentors alike.

It is hoped that the students will bring everything learned this term home and share with their parents, grandparents, guardians and friends. This will give our beautiful Island home a fighting chance of becoming carbon neutral by 2030. All together we can truly make a difference.

If you would like to know more about Totally Renewable Phillip Island and its program, there is more info on the web site and Facebook pages.

[totallyrenewablephillipisland.weebly.com](http://totallyrenewablephillipisland.weebly.com)

so whats it all about?

carbon neutral by 2030

earth

## Community feedback...

537 People reached      127 Engagements      [Boost Post](#)

You and 29 others      11 comments 6 shares

[Like](#)      [Comment](#)      [Share](#)

Most relevant ▾

Comment as Totally Renewable Phillip Island

**Kerry Mcg** Toby really enjoyed the day at NPS guys. Thanks so much for using our school as part of the pilot program. Couldn't agree more that educating kids and their families is such a great way to get things moving for a Totally Renewable PI and planet. Yay!

Like · Reply · Message · 2w

"Most relevant" is selected, so some replies may have been filtered out.

**Jeni Carman Jobe** Kerry Mcg thank you 😊 kids were wonderful and I'm really looking forward to meeting with my group on Tuesday 🍀

Like · Reply · Message · 2w

View 1 more reply

**Naomi Coleman** I am stoked and excited to read this post. This is what our world needs and I look forward to the program growing, the kids gaining empowerment through action and the ripple effect through the community. And I really would love to see this trialled at a secondary school (like mine!) one day soon. I'm sharing. Great work TRPI team. 🍀 🍀

Like · Reply · Message · 3w

1 reply

**Moragh Mackay** Awesome, go you wonderful people 🍀 🍀

Like · Reply · Message · 2w

**Joanne Slater** This sounds like a wonderful program and something that should be taught in all schools. Keep up the good work.

Like · Reply · Message · 2w

**Samiro Douglas** Fantastic TRPI - so proud of you all 🍀 🍀

Like · Reply · Message · 3w

**Indiana Starkie** Love it 🍀 🍀

Like · Reply · Message · 3w

**Lisa Wangman** Couldn't love this more! Fantastic effort from all involved, so motivating and empowering, well done!!

Like · Reply · Message · 3w

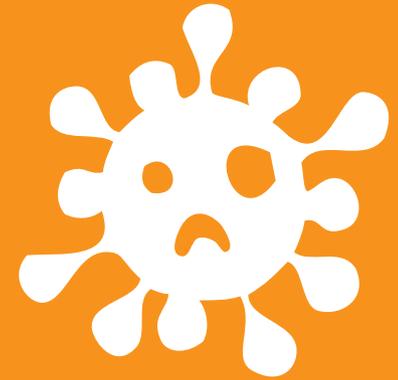
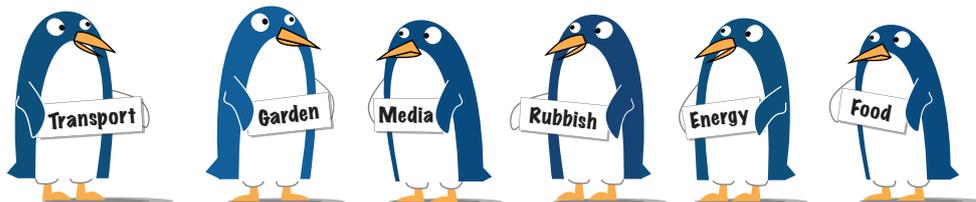
**Jeni Carman Jobe** Lisa Wangman thank you, I can't wait till next weeks session 🍀

Like · Reply · Message · 3w

## Totally Renewable Phillip Island would like to thank Newhaven Primary School for welcoming our Mentors into the school community.

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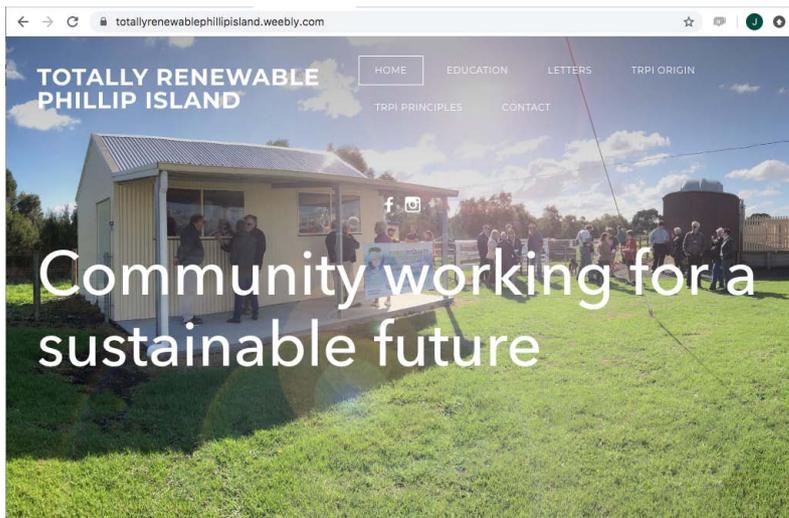


The runaway train that has been 2020's Covid 19 Pandemic, has swept the tail end of our Education Pilot away.

We were fortunate to get through as much of the pilot as we did and we have now have enough data to plan our future school incursions.

The school's amazing teachers have supported the students with online learning, a process that has been new to everyone involved.





## Notes from the program

Different WG's will travel at different speeds and have unique outcomes. Media group will record the story of the different processes.

- Teacher/mentor shows example timeline, students to agree on final goal and intermediary goal (if needed). Advise students they can have more than one goal
- 9am - Mentors to sign in at reception
- 9.15am - Mentors, students and teachers from 3-6 to meet in the small hall to separate into WG's
- Mentors engage with teachers and groups and start getting to know the students
- Teachers/mentors explain that notes need to be taken, secretary to be selected to email notes to Ed WG
- Students brainstorm goals for their WG (what is our WG going to do AND how will that help cut pollution?)
- Students brainstorm ideas their WG can do to achieve goals)

## Who are Totally Renewable Phillip Island?

Mid 2018 there was a community energy public forum organised by the Energy Innovation Co-operative in partnership with the Phillip Island Community and Learning Centre, Phillip Island Landcare Group, Phillip Island Conservation Society, Boomerang Bags and Plastic-free Phillip Island and San Remo.

Community enthusiasm was high after hearing from others leading their communities across Victoria such as Taryn Lane from Hepburn Shire Zero-net Energy Towns and Matt Charles Jones from Totally Renewable Yackandandah. With already high levels of activity around the environment and sustainability on Phillip Island, committing to make the community zero-emissions and powered by 100% renewables in 10 years was a no brainer.

Phillip Island became the first community in Bass Coast to embrace the challenge of going 100% renewable. The response at the public meeting to the motion that 'Phillip Island will be a carbon neutral community by 2030

through our collective efforts to use clean, efficient energy, reduce pollution and offset emissions was an overwhelming yes.

A series of three workshops over two days, were held in July to build on this momentum and to put in place strategies to progress Totally reNewable Phillip Island.

The workshop series received overwhelmingly positive feedback, with many participants eager to progress to action. The workshop series created a framework that identifies six focus areas- Clean energy, Toward zero emissions transport, Carbon farming, Carbon accounting, Food & waste, Education & communication.





- Students break into groups of 2-4 pref with diverse Grade representation. Research: How do other schools tackle these issues? How do businesses and households do this? Students present to other students
- Do a rundown of the mornings activities, make notes on resources needed. Talk to parents and local businesses.
- 12.30pm Mentors to sign out at reception

These bullet points are a guide to the mornings process, move things around if you need, please make notes.

#### **Mentor Jeni Jobe with Media WG:**

Newhaven Primary School kids were so ready for this program, they blossomed as they got to know us and actively suggested a huge range of ideas. They are talking about pollution at home and making real change in the school.

#### **Mentor Phil Dressing - Energy WG:**

The degree of student interest impressed me. All students had a basic understanding of power generation and the impacts of greenhouse gas production. Interest dramatically increased with further knowledge transfer. Overall, I thoroughly enjoyed the experience.

#### **Mentor Peter Wontfor - Food WG:**

I was bowled over by the enthusiasm and actions taken by the students!

#### **Mentor Bhavani Rooks - Garden WG:**

As I worked with the children it made me realise how much they knew and understood pollution. They knew what needed to be done. But there was that sense of "What could they do as kids?" They were very enthusiastic to do everything. They were thirsty for knowledge and action!

#### **Mentor Aileen Vening - Transport WG:**

TRPI's partnership with Newhaven Primary School is enabling students to develop and put into action positive steps for our environment. Car-pooling, riding a bike or walking means we reduce pollution, start conversations and save money! Personally I've enjoyed being part of a team trialling this new & important initiative, and working with the school community.

#### **Teacher Robyn Smyth**

The trpi working groups created a real buzz amongst our students, keen to do their part to help make our school more sustainable. They have learnt a lot of strategies that they can also implement at home. There are things that I will also take away from the experience and implement with my family.

#### **Teacher Adam Bush**

The trpi group came to our school and engaged with our students about their organisation. The group were keen to listen to our students and give them a voice in how the trpi group would operate in terms of making Phillip island carbon neutral by 2030.



Get in touch  
and join in!



Look us up on facebook  
*boomerang bags  
phillip island  
& san remo*

**PLASTIC BAG**

**FREE**

**PHILLIP ISLAND  
AND SAN REMO**

**Be Mindful of your IMPACT**

For more info contact

[plasticbagfreepisr@gmail.com](mailto:plasticbagfreepisr@gmail.com) or  
[facebook.com/PlasticBagFreePISR/](https://www.facebook.com/PlasticBagFreePISR/)



PHILLIP ISLAND  
CONSERVATION SOCIETY INC EST. 1968

PICS is delighted to participate with TRPI in the journey towards making Phillip Island "Totally Renewable"

Phillip Island Conservation Society has worked for over 50 years to protect and enhance the Phillip Island environment, planting thousands of plants and fighting to keep industrialisation out of Western Port.

Are you looking for ways to give back to your community? We are always looking for volunteers for a range of activities we hold. To donate or learn more about this group of passionate people making a difference go to...

[picsvictoria.org.au](http://picsvictoria.org.au)



Phillip Island  
**Landcare**  
Group

Is over 30 years old.  
We have been active achieving essential land improvements on and for the island community.

- + 400 Hectares of salt affected land restored by salinity works
- + 850,000 Tube stock planted
- + 30,000 Volunteer hours
- + 20,000 Paid staff hours
- + 180 Hectares remnant vegetation protected & enhanced
- + 1.5 Million in funding raised



Our newest partner is **Totally Renewable Phillip Island**. Together we are encouraging local farmers to transition toward carbon farming with a view to inset emissions into the soil. This means the landholders improve their farms in a way that will also increase the draw down of Co<sub>2</sub> and store carbon in their soil. People are able to purchase their inset/offsets of their home or business emissions and know its doing good in the local landscape and environment. For more information go to...

[basscoastlandcare.org.au/phillipisland](http://basscoastlandcare.org.au/phillipisland)

NVVM has been a strong active supporter of Totally Renewable Phillip Island.

Its General Manager since 2016, Phil Dressing has been mentoring the students in the Energy working group. He had this to say about the experience;

The degree of student interest impressed me. All students had a basic understanding of power generation and the impacts of greenhouse gas production. Interest dramatically increased with further knowledge transfer. Overall, I thoroughly enjoyed the Mentoring experience at Newhaven P.S.



**national  
vietnam  
veterans  
museum**



## Working together to combat climate change

Published: Thursday 26 September 2019

Bass Coast Shire Council has declared a climate emergency and will work with the community to develop a Climate Action Plan 2020-2030.

The declaration came as a response to a petition presented to Council at the August Council Meeting, signed by over 1,000 community members.

It acknowledges the requirement for immediate and urgent action to reverse global warming, and compliments current Council activities to reduce emissions and build community resilience against the impacts of global warming.

This declaration comes after Council "declared that climate change poses serious risks to Bass Coast and Australia and should be treated as an emergency" and resolved to commence the development of a Bass Coast Climate Change Action Plan 2020-2030 at the August Meeting.

Bass Coast Shire Mayor, Cr Brett Tessari said declaring a climate emergency will affect all residents, businesses and visitors of Bass Coast.

"We understand that to protect the region from the impacts of climate change, we need to work closely with our community to identify actions at an accelerated pace" Cr Tessari said.

"The development of the Action Plan will include extensive community and stakeholder engagement to ensure participation and ownership across the community.

"Council has allocated \$200,000 from the 2018/19 surplus to develop the Action Plan, which will allow us to fully engage with the community to put together a really comprehensive plan for the future," Cr Tessari concluded.

Organisations representing 66 million people in 13 countries have adopted formal climate emergency resolutions. This includes over 965 governments, of which 37 are Australian Councils and States.



Food relief for the most vulnerable in Bass Coast.

As one of the largest emergency food relief and social welfare agencies in Bass Coast, PICAL is working with

all surrounding charities to ensure that we are able to continue providing nourishment to the most vulnerable local people who cannot access food any other way.

*We have the means to cook and freeze nourishing meals, but we are rapidly running out of funds for ingredients for these meals. If you also worry about the plight of the sick, elderly, frail and needy, and if you can afford a few dollars to spare, then please contribute to this GoFundMe campaign.*

**PICAL is a registered charity, a Centrelink Agency, a Neighbourhood House and a Department of Education Adult Learning Centre. We will ensure every \$dollar donated goes towards local food relief.**

[www.gofundme.com/ff/pical-emergency-food-relief](http://www.gofundme.com/ff/pical-emergency-food-relief)



**Many thanks to Barb Martin Bush Bank. For donating plants to the our school where the children led by their mentor Bhavani Rooks, spent the whole session planting.**

**The first job was to fill existing garden beds with plants again. Being a school due to damage or neglect many had died. We hope this planting will be different. The kids have learnt about the benefits of plants to the whole climate crisis and are on board with their care. Next week will see the students start a whole new bed near the car park. The long-term view will be to work in conjunction with the bush bank and plant an indigenous food garden in the area of the flagpole near the front of the school. This will take the collaboration of the school, the BB and the parents to get it going.**



Garden WG -  
Mentors  
Bhavani Rooks  
& Heather  
Livingstone

with Teacher Chris Jobe

Students are... Astin, Zarah, Talia, Laurali,  
Sam C, Jye F, Eleanor, Sari, Cooper, Hanna,  
Ava G, Neddy, Kirra and Tessa

#### How can You save the huyman race?

- 1 Use beeswax wraps instead of glad wrap.
- 2 Use foil so you can put it in the recycle bin.
- 3 Buy in bulk and put it into small reuseable containers.
- 4 Buy loose vegies instead of wrapped vegies.



Talk about what can be done at home and at school!

Check compost bins - awkward place and not being used at least 6 months

Look at vegie patch

pH test their soil and different ones

plant pumpkin and have a carers group.

Walk the whole school to discover areas not well planted - lack of care, or water, or die off of old plants

Look to the future to create some great new gardens ie near flag pole

This coming week...

We are moving compost

Mulching veggie and water and weed

Mulching a few of the other in fill beds and planting

Week 2 Garden group

Goals...

Plant trees

Plant fruit and vegetables

Eat fruit and vegetables

Carbon farm - getting the plants to breathe in Co2 and take and store carbon in the soil and breathe our the oxygen

Small goals over next 2 weeks

Get a plant in every class room

Get food scrap bucket in every class room and use it take it to compost bin regularly

Water the pumpkin plant





### Our steps...

- Look at vegetable patch
- Look around the school grounds
- Look at the dirt
- Look at the compost bin
- What we did on our walk



Looked at compost bin- was smelly and bugs, not used in at least 3-6mths and in a bad position

Added leaves to compost bin to help the smelly slimy look and put lids on them

Noticed plastic in the compost bin

Looked at the soil in the vegetable patch, thought it needed more water

Saw potatoes and harvested

Planted a pumpkin plant, put mulch around and watered

PH tested the soil from vegetable patch, Bhvani's home and mulch from Bhvani's home.

School soil 8, Bhvani's home soil 6, Mulch 6.5

So the school soil is not too bad thought perhaps needs some water and mulch.



### Thank you Barb Martin Bush Bank!

Collaboration helps turn NPS into a carbon farm, pulling carbon dioxide from the air and putting it into the soil where it can benefit everyone and thing!

This time The Barb Martin Bush Bank was also on board. They donated plants to the school. The children then proceed to spend the morning planting. The first job was to fill existing garden beds with plants again. Being a school due to damage or neglect many had died. We hope this planting will be different. The kids have learnt about the benefits of plants to the whole climate crisis and are on board with their care. Next week will see the students start a whole new bed near the car park.

The long-term view will be to work in conjunction with the bush bank and plant an indigenous food garden in the area of the flagpole near the front of the school.

This will take the collaboration of the school, the BB and the parents to get it going. It would be a worth while exercise on many fronts. We hope that development in this area will take place over the winter with planning and bed preparation.



A worm farm donated from Bunnings, after Kai & Thomas wrote them a letter. Mentor Peter Wontfor came in with worms from his own worm farm and helped them set it up.





## Polinators

Choosing to plant local natives, like the ones at Barb Martin Bushbank has many benefits. Not only are we drawing down CO2 from the atmosphere to store in the ground where it can help the soil retain moisture and look after our soils micro life.

We are providing food sources for the local Bee's, they make our honey and honey is great on toast or for in cooking!

Native animals love natives the garden too!

Natives are also way more suited to living in our gardens than plants from a different climate. They last longer too!



Plan your plants  
by position and  
desirable traits...  
Size of plants for  
infilling around  
larger existing  
plants. Nothing too  
spikey or pokey.  
Hardy coastal  
plants...



D41145  
**TETRAGONIA IMPLEXICOMA**  
**BOWER SPINACH**  
SCRAMBLING GROUND COVER TO 3m ACROSS WILL  
CLIMB INTO SHRUBS AND FORM BOWERS. YELLOW  
FLOWERS IN SPRING. LIKES WELL DRAINED SOILS  
IN SUN OR SHADE.



D40701  
**CARPOBROTUS ROSSII**  
**NATIVE PIGFACE**  
PROSTRATE SUCCULENT PLANT SPREADING UP TO  
2m IN A WELL DRAINED SUNNY POSITION. LIGHT  
PURPLE DAISY FLOWERS IN SPRING/SUMMER. EDIBLE  
FRUITS. WITHSTANDS COASTAL EXPOSURE.



Barb Martin  
**BUSHBANK**  
NATIVE PLANT  
NURSERY





# Transport WG NOTES - Mentors Aileen Vening & Mary Whelan with Principle Sharyne Monday

Transport WG -  
Mentors Aileen Vening & Mary Whelan  
With Sharyne Monday

Students... Kavish, Harvey P, Loklan, Denver,  
Benson, Aliah, Max, Taya, Harley, Myles,  
Tristan, Summer, Audrey and Jazzy.

In transport we are doing  
a no Pollution day on the Friday 13<sup>th</sup> of  
march on that day if you can walk, ride, scooter or  
carpool and this will reduce the amount of CO<sub>2</sub>  
from cars. We saw a electric car on the first  
day of T.R.P.I or Totally reNewable Phillip Island.  
We want to ride or walk to school one day  
a week in the future.

In transport we are doing a no Pollution  
day on the Friday 13<sup>th</sup> of March.  
On that day if you can, walk, ride, scooter  
or carpool and this will reduce the amount  
of Co2 from cars.

We saw a electric car on the first day of  
T.R.P.I or Totally reNewable Phillip Island.  
We want to ride or walk to school one day  
a week in the future.

By Max. Grade 6



# Make Every Day NO Pollution Day!



Summary of Transport Group activity  
Present: 13 students, 2 teachers &  
2 TRPI mentor. Comments from  
students about the TRPI first day on  
10th February:

## MAIN TOPICS from Day 1

Electric cars & other electric stuff - 4  
comments about interest in these, also  
E bikes, & scooters.

Help the environment /stop pollution  
from cars/ help the earth - 7  
comments.

Interested in how cars make pollution.

Solar powered train- 1

What did you tell you family & parents  
about our first day? Very few children  
had talked about the day at home.

Figures from Day 1 on how students &  
teachers travel to school:

STUDENTS: Car- 74 ; Bike 12;  
Walk - 15; Bus 5

TEACHERS & AIDES: (attending day 1 so  
list incomplete): Car - 10; car pool - 1;  
drive & walk 1; walk - 1; bike - 1

Ideas today / What is possible:

Ride more often to school if you can, eg  
ride once a week to school, particularly  
if you live close by eg Cape Woolamai.  
Older students & or parents may be able  
to meet younger ones at designated  
place & travel together.

Need to consider bike storage: no issues,  
good & secure; bike safety - bike in  
good repair & a good helmet.

Plan: senior students with help from  
teacher, to contact local police officer to  
visit soon and talk about bike safety.

Walk more if you live close to school!

Car Pooling if you come by car to school.  
This means other people going to the  
same place don't all take their own car,  
they share the ride with others. Is this  
possible? Is this a conversation you can  
have with your family, then others?

Bus travel is good for students and  
suits some families who don't live close  
by.

What ACTION can we take to get these  
messages out to others?

Have a "No Pollution Day" where the  
school asks as many people as possible  
if they can, to walk, ride, scooter or car  
pool the trip to school and back. This  
will also be on the same day as Nude  
Food!

Date set: Friday March 13th

Posters started today and will be  
completed before this, and hung around  
the school, and in the area.

Summary of Transport Group report  
Preliminary Ideas for ACTION at 3rd  
session

MW obtain large maps of shire so we  
can work out distances and calculate  
fuel costs, mileage, emissions of  
different modes of transport.

Plan for the 'No Pollution Day'

Look for E Bike & E Scooter to bring to  
the school sometime during the term  
of the program.

Principle Sharyne Munday said,  
"We could not fit all the Bikes in  
the Bike shed, so many students had



## Waste Wizards



Inspirational Pelican Sculpture by Dak (local artist David Kopelman) really inspired the students. It shows how artists can play an important role inspiring us to look after our environment.

You are invited to put bottle caps into the Pelicans mouth as a way of participating with the sculpture and cleaning up the



## Action Plan

- Write to local shops
- Write to local council
- Write Article for newspaper
- School report
- Posters for classrooms
- Talk about waste at home

Write newsletter article letting the community know what we are doing at the school!



Making posters for the class room!



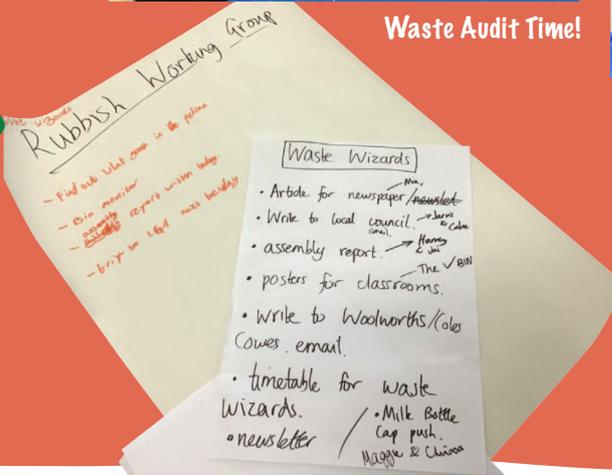
Harvey and Jai writing an assembly report on why we need to use the right bins. They are sharing the why about how rubbish in landfill is bad.



Waste Audit Time!



Mentor Neroli with her Waste Wizards



### Rubbish WG - Mentor Neroli Raff

Students Billie, Jarvis, Cobie, Addy, Jai L, Amelia M, Tanna, Harvey J, Phoenix & Mia!



## Energy WG discussions on...

electric current.

91% of Australia's electricity produced by fossil fuelled power stations.

Outcomes = greenhouse gas (carbon dioxide, methane) & water vapour = changes in our climate = environmental damage.

What does it mean to be carbon neutral?

Alternate energy sources – solar, wind, tidal & hydroelectric.

How do solar panels work?

Differences in seasons – measure?

How do we measure if we're making a difference?

Energy bills

Energy audit at start and continuing.

Making large alternate power at our school.

Making changes at school.

A reduction plan.

### Other ways of making Electricity.

Solar Energy

Wind Energy

Tidal Energy

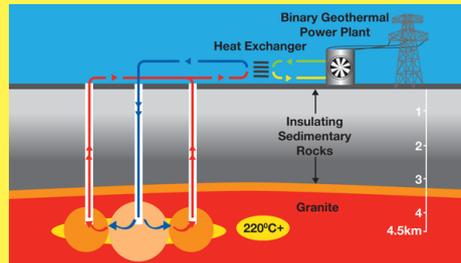
Hydroelectric Energy

Biofuels

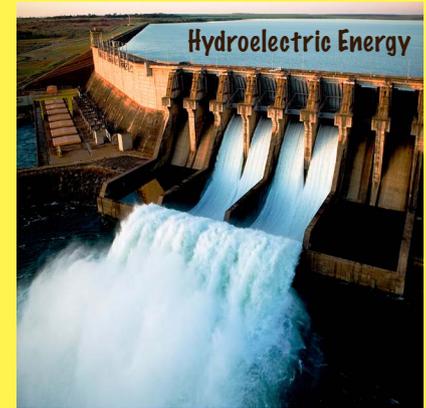
Geothermal Power



Wind Energy generated from Bald Hills Windfarm north of Inverloch



Geothermal Power Process



Hydroelectric Energy



Tidal Energy test installation at Newhaven on Phillip Island contributed power to the grid using the powerful flow of the tide coming through the narrows. (not currently operational)

- 1- Sunlight hits the solar panels and generates an electric current.
- 2- The electric current flows to the inverter where it is changed from Direct Current to Alternating Current (AC electricity).
- 3- The AC electricity flows from the inverter to the breaker box, which directs the current to any appliance in the building that is using electricity.
- 4- Unused power can be stored in a Solar Battery for later.
- 5- Unused or unstored electricity flows through a utility meter into power lines.
- 6- Electricity is drawn from the power lines when the building needs more electricity than is produced by the solar panels.

Solar Energy - Old Energy-New Energy project by local group at the Old Wonthaggi Coal Mine



Energy Working Group

Mentor Phil Dressing

Teacher Adam Bush

Students... Riley & Austin,  
Noah, Hamish, Oli K, Tyler,  
Jacob, Rhylee, Jasper, Olivia  
I, Kaleb, Neo and Cade.



## Action Plan!

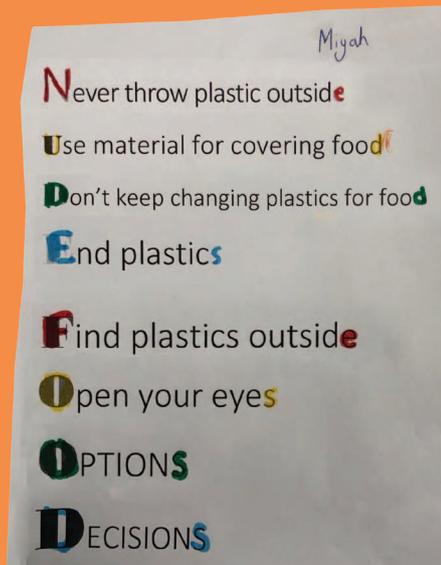
Posters, news articles  
to persuade people not  
to use plastics

Information reports,  
books etc.

Convince people to make  
choices about, where they  
buy food from and what  
they buy.

Start with convincing  
our school, then parents,  
then Australia, the world!

So we need your help Now  
and we need to work  
together to make the  
future better.



**NUDE FOOD DAY** every  
Thursday, no wrapped food  
to school. Thank you to our  
families who do this every day.

Our **NO POLLUTION DAY** last Friday was a  
huge success with the bike shed overflowing  
with bikes, scooters and skateboards  
accompanied by helmets. Our students  
enjoyed riding together with Mr Jury,  
Mr Bush, Wendy Elson and our friends  
from the **BUG** riding group. We are  
fortunate to have such lovely community  
members who help out our school to run  
these fun days.

## What do I feed our worms?

Fresh or decaying organic material (anything  
found in the natural world - with exceptions)

**The smaller the pieces the better!**

Things like fruits, old food, leaves, veggies,  
grains, pasta, grass and other plant matter.

Avoid overloading your bin with citrus  
or fruits with a lot of seeds,  
seeds will often re-sprout.





Organic Food Waste for classrooms to be used in the garden compost bins



This worm-bin was started 10 years ago, It's amazing how a huge volume of feedstock is processed down to a very small volume! I started with a "booster" pack of worms that has a much smaller number of worms than the conventional "starter pack". They multiplied fast as the vegetable "waste" was added and started to rot down. I've never had to add new worms; they reproduce at a rate that the feedstock can support them.

Mentor Peter Wontfor about his worm farm.

The TRPI group had a worm farm donated from Bunnings after Kai and Thomas wrote them a letter. Peter Wontfor the Food Mentor came in on Monday and helped them set it up.



Food WG -  
Mentor Peter Wontfor  
Teacher Robyn Smith  
Ella-Rose, Ella B, Riley H,  
Miyah, Sophie, Amelia &  
Thomas!



- Reporting WG's projects and outcomes
- Collecting data analysis from WG's
- Producing document on Pilots outcomes

Students

Emma H, Ava G, Leah, Phoenix S & Oliver J

**The power of conversations!**

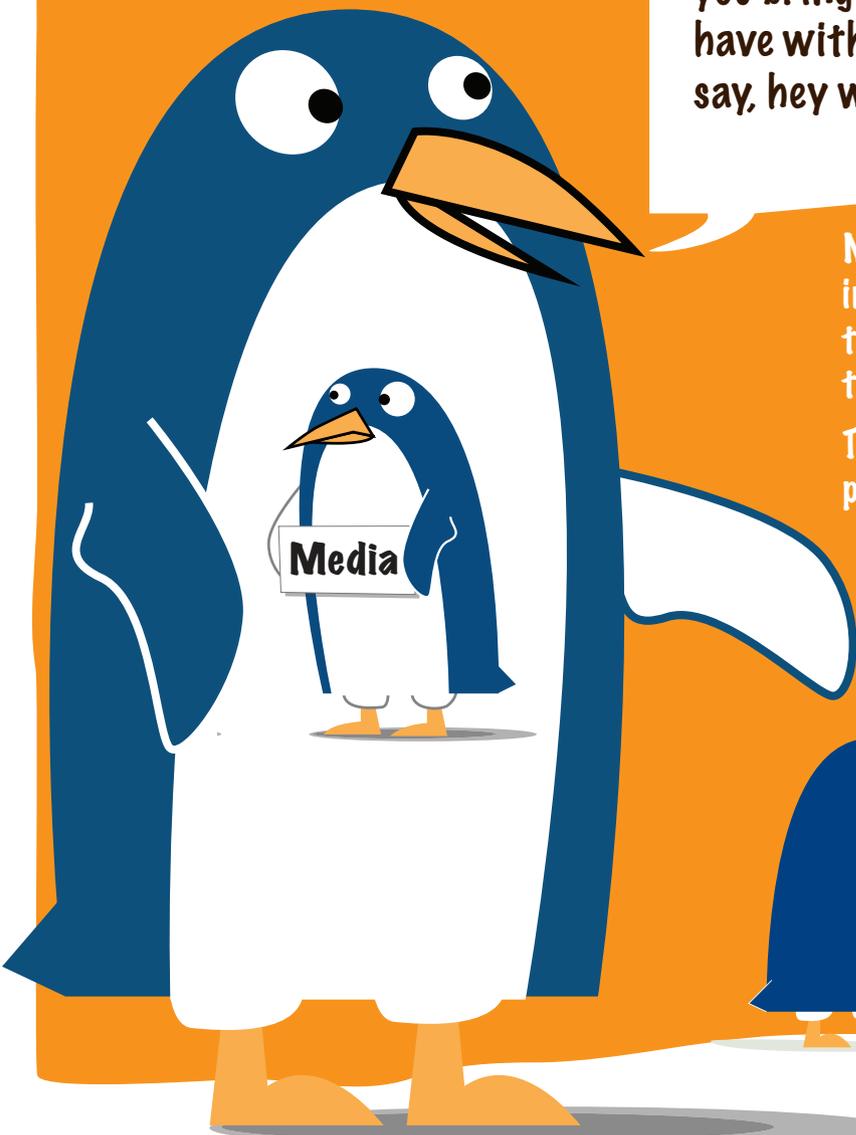
**A big part of the TRPI program, is the info you bring home to your family, the talks you have with your special people when they say, hey what did you do at school today?**

Media Working Group, has been delving into the other WG's journeys. So interesting to see the different approaches and watch the understanding grow in the students.

They have been deep diving into complex problems and have come up with

**hey Eleanor, what did you do at school today?**

**We planted native's to help absorb carbon from the atmosphere!  
We can do it here too!**



# Who and what is TRPI? [totallyrenewablephillipisland.weebly.com](http://totallyrenewablephillipisland.weebly.com)

