



Tena koutou ngā hoa ma Hello Pollution Busters

We hope you have had a great term at school!

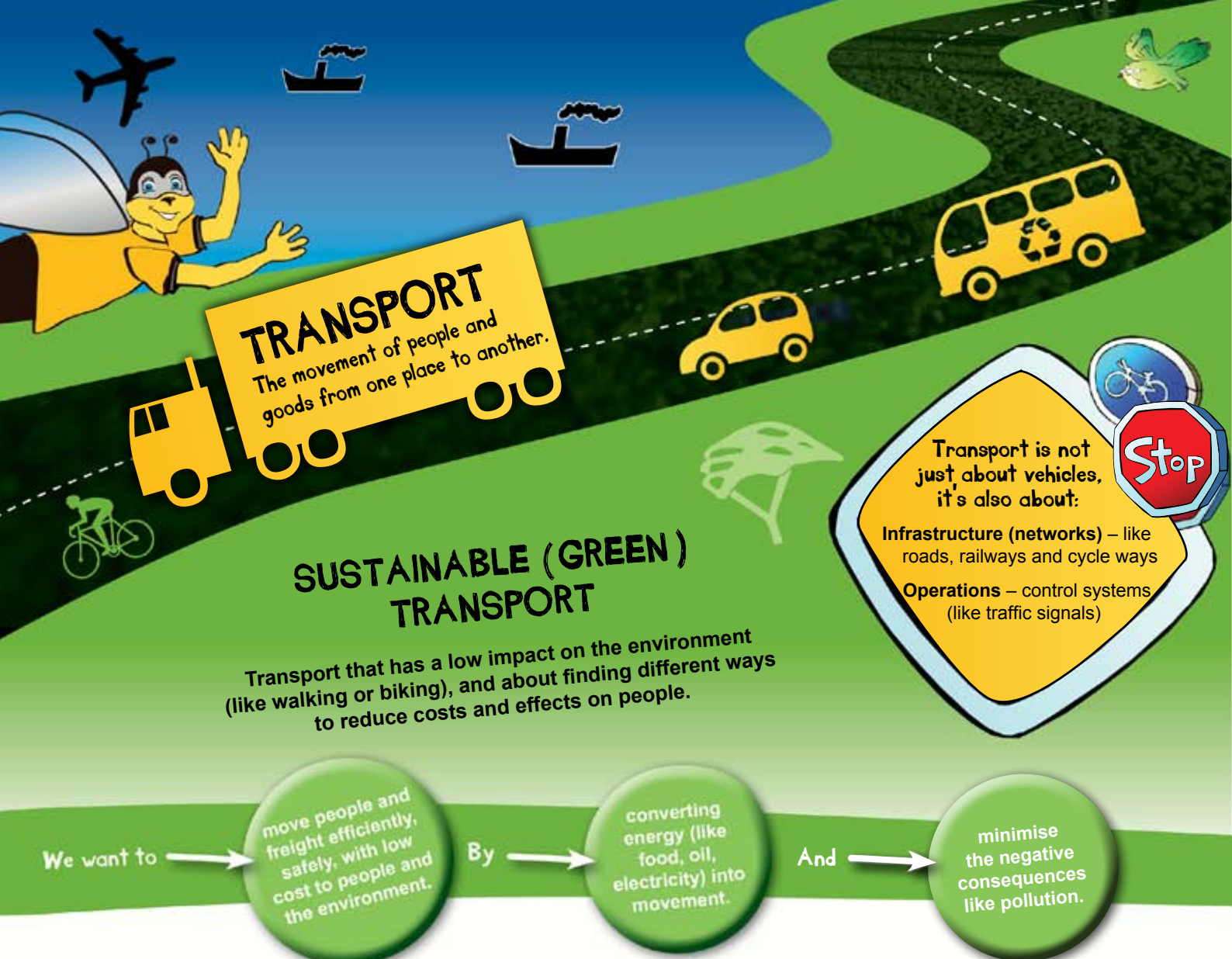
Now that it is holiday time again, a lot of us travel to different places and it's a good time to think about the different ways we can get to our holiday destinations. It's also good to think about how our transportation choices affect the environment as some are better than others. So this issue is all about transport.

Make sure you take part in our colouring competition on page 11; there are some transportation related prizes up for grabs. Also keep your eyes peeled for the ten helmets hidden in this newsletter *(the first one is by the stop sign on this page)*.

We hope you have fun these holidays and get out and enjoy travelling our region with whanau and friends.

"Kia u, kia ngākaunui ki ngā mahi pai" Be steadfast and conscientious in all your good work.

From BuzzBOP and the team at Bay of Plenty Regional Council.



There are lots of different types of transport

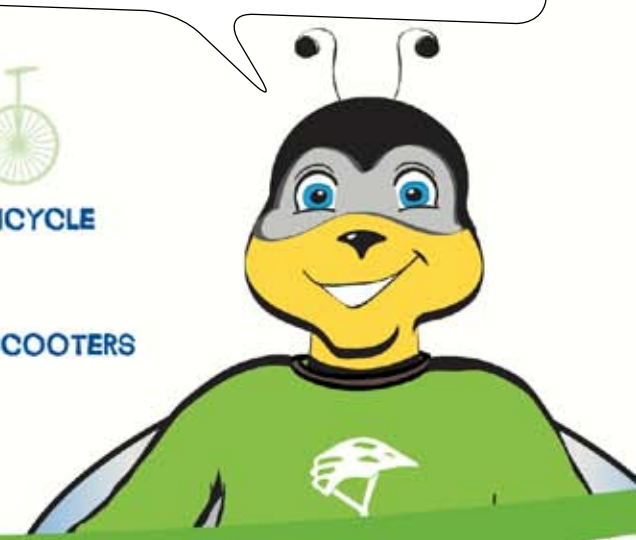
- CARS
- TRUCKS
- BOAT
- HORSE
- TRAINS
- BUSES
- FEET
- PIGGY-BACKING
- PLANES
- WHEEL CHAIR
- UNICYCLE
- BICYCLE
- MOTORCYCLE
- SKATEBOARDS
- SCOOTERS

BuzzBOP has lots of questions about transport! **Can you help?**

What are the positives and negatives for each type of transport?

Which ones do you think are faster, slower or the most energy efficient?

Is one type of transport better than the other?



Can you think of any others?
Circle the different types of transport you use.

S T E K C O R H E M W K A E B W
N E S K A T E B O A R D M L V A
W A D H T L R T A O B E B C E L
T H V A M R O A W Q L L U Y H K
O A E E L R O T C I Y E L C I E
Y G T E B B E P B T S E A I C L
R S R I L N R O S R O Y N B L B
R T K A I C M E O N A R C T E A
E E E X C O H H L C A W E R P N
F W A E T M X A H L T R L U I I
C T C U F I O T I X O R T C H A
P M A P L A N E O R R R A K S T
N O O L L A B R I A T O H I B S
N O I T U L L O P T R A M U N U
S C O O T E R A C B A H S Q C S

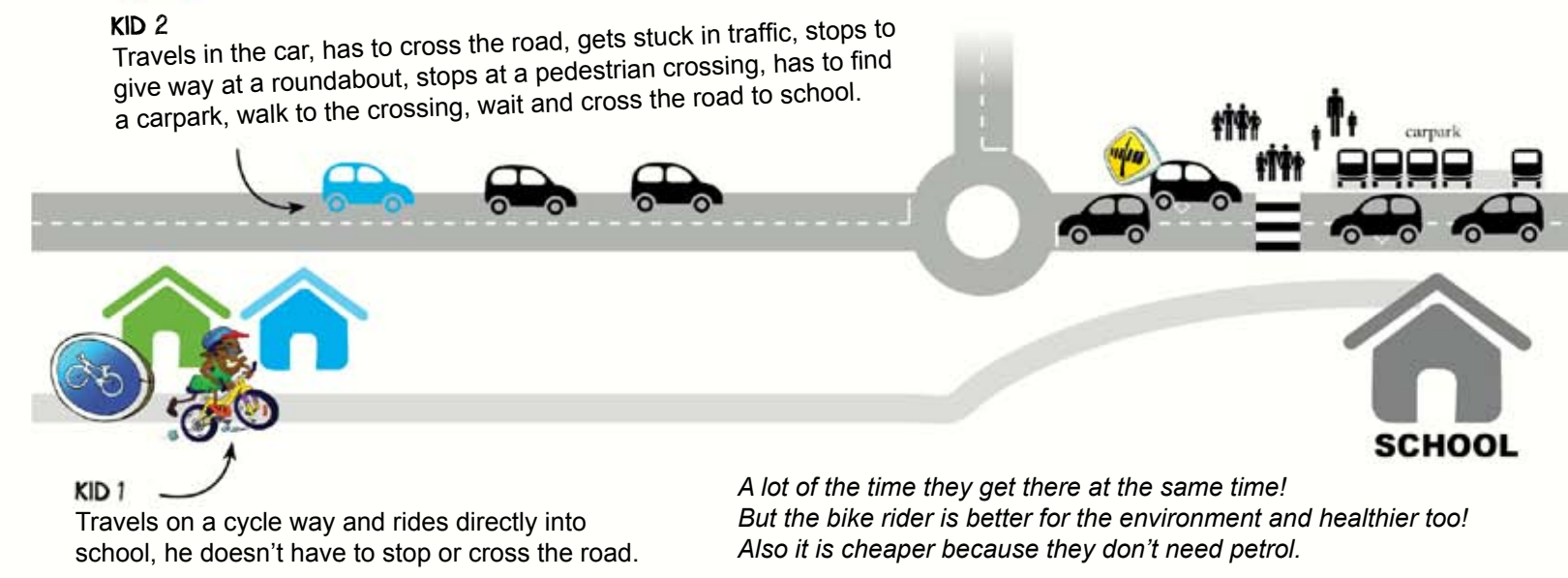
WORD SEARCH

- | | |
|-----------------|---------------|
| AMBULANCE | ROLLER BLADES |
| AUTOMOBILE | SCOOTER |
| BICYCLE | SHIP |
| BOAT | SKATEBOARD |
| BUS | SUSTAINABLE |
| CAR | TAXI |
| CARGO | TRACTOR |
| FEET | TRAIN |
| FERRY | TRAM |
| HELMET | TRANSPORT |
| HORSE | TRUCK |
| HOT AIR BALLOON | VAN |
| MOTORBIKE | VEHICLE |
| NETWORK | WALK |
| PLANE | WHEELCHAIR |
| POLLUTION | YACHT |
| ROCKET | |

BIKE VS CAR

Two kids live next door to each other, one travels to school by bike and the other in the car.

Who do you think gets there quicker and who has less impact on the environment?



*A lot of the time they get there at the same time!
But the bike rider is better for the environment and healthier too!
Also it is cheaper because they don't need petrol.*

Can you plan your trip to school so you can walk/bike without crossing a road unless it is at a pedestrian crossing?

Relax, take a bus in the Bay of Plenty

In the Bay of Plenty we have **lots of buses** (about 60!) and a good **bus network** to travel on throughout the region.

Some of the good things about taking a bus are:

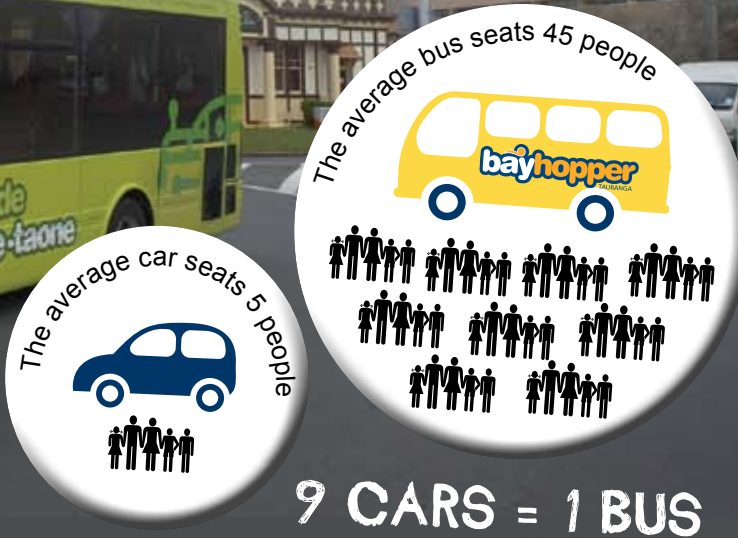
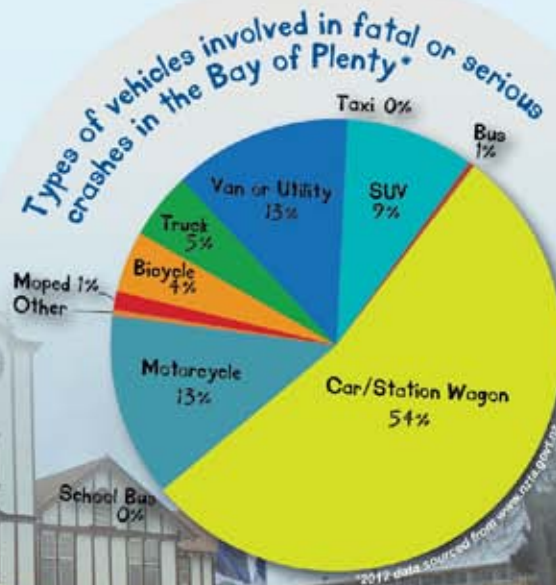
- Costs less than driving a car (when you take into account how much a car costs to run, look after, parking)
- Less chance of being in a fatal or serious traffic crash (check out the pie chart below!)
- More time to relax and see the sights
- Accessible to all people in the community (like the elderly and people with disabilities)
- Meet new people and make new friends
- Less pollution, less energy use – especially when the buses are full

Go to www.baybus.co.nz to plan your next trip on a bay bus!

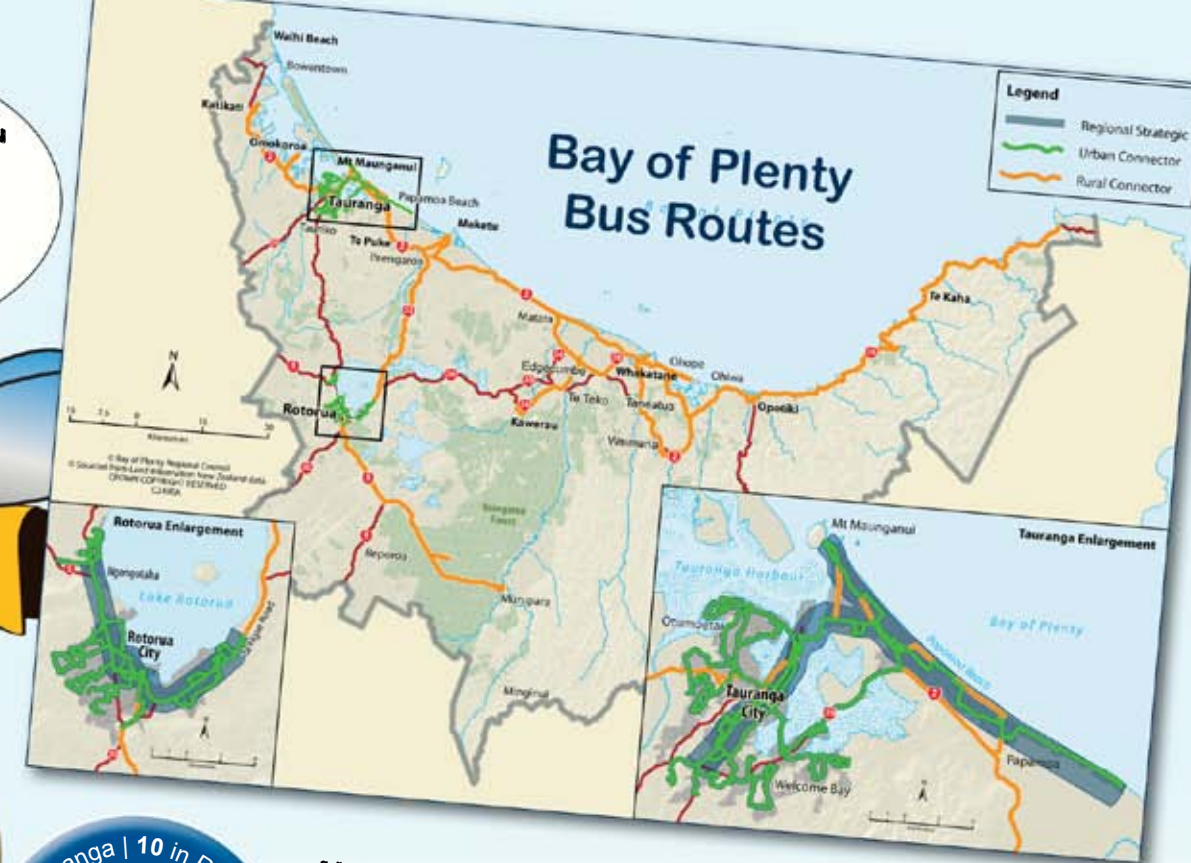
Send us a photo of yourself on one of the regions buses and we will put it in a future newsletter!

Taking the bus is a great way to reduce cars on the road, which helps congestion and lowers air pollution.

congestion is kind of like a mini traffic jam



Can you find where you live on the map?
Do you know which buses run near you?



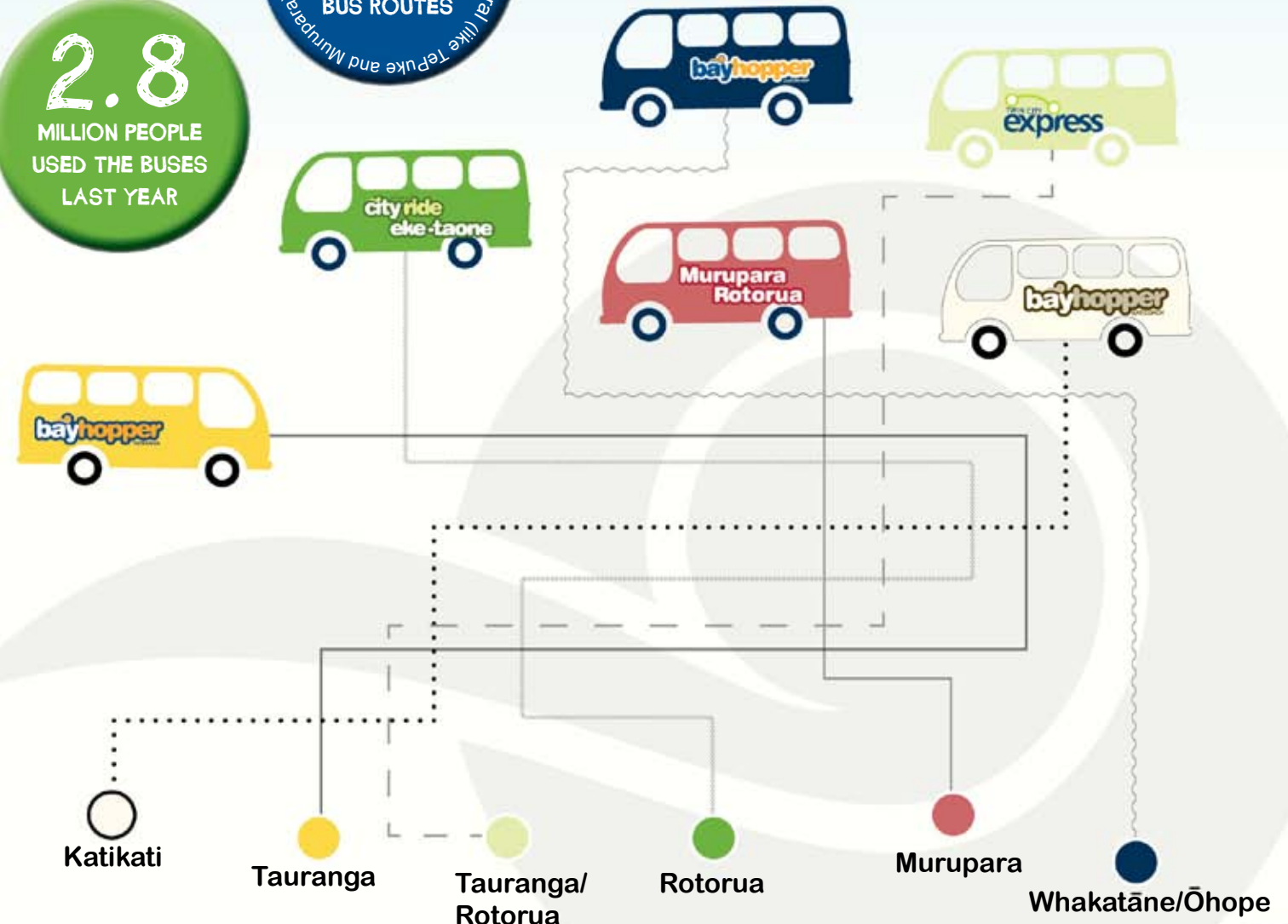
In the Bay of Plenty we have:

60
BUSES

2.8
MILLION PEOPLE
USED THE BUSES
LAST YEAR

31
BUS ROUTES

Help! These bus routes are all mixed up...
hop on a Bay Bus and travel the region.



CLIMATE CHANGE

Climate change – a long term change in the weather patterns of an area.

Motorised transport (like cars, trucks and buses) have a big impact on the environment. Transport is a major user of energy and uses most of the world's petroleum. It creates air pollution and contributes to global warming.

About 40% of New Zealand's carbon dioxide (CO₂) emissions come from cars. They are a quick way of getting from place to place but we need to reduce the number of cars on the road. But remember that driving a car is not wrong (especially if there is more than one person in it!), we just have to be smart about the way we use it! Check out some of the things below you can do to help the earth.

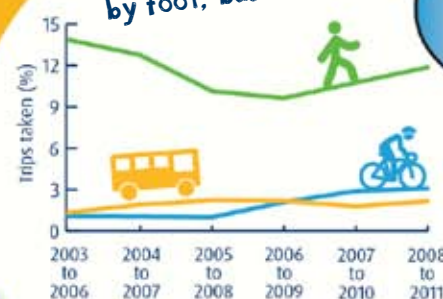
SMART MOVES TO REDUCE THE NUMBER OF CARS ON THE ROAD:

- Use public transport like buses
- Walk or cycle more often (this is the best!)
- Plan your car trips to take the shortest way and get everything done in one trip
- Start up a walking school bus at your school (see below)
- Encourage your parent or caregiver to get the car serviced regularly – a badly running car produces lots of carbon dioxide
- Take a ride with friends – Car pool

JOKE:

What's the difference between weather and climate?
Answer: You can't weather a tree, but you can climate.

Trips taken in the BOP by foot, bus or bike



People in the Bay have been taking more trips on foot, bike or bus - but we could still all do more!

If everyone cut the number of short trips they take by car in half, we'd prevent about 100,000 tonnes (that's about the same weight as 250 jumbo jets!) of CO₂ (carbon dioxide) going into the air each year, and help everybody breathe better air!



GET YOUR POLLUTION BUSTING FEET POUNDING THE PAVEMENTS!

Walking is a great type of transport, it's great for our bodies and the environment. Next time you need to go somewhere think... could I walk instead of going in a vehicle?

Now that it is getting warmer you could start a walking school bus at your school. This would also cut down the congestion outside school in the morning.

mini traffic jams

What is a walking school bus?

It's a fun, safe and environmentally friendly way for you to travel to and from school with adult supervision! Walking school buses don't use up fossil fuels and don't pollute.

Each 'bus' walks the same way to school each day with at least one adult. The adult supervisor is called the 'driver' of the walking bus. There are 'bus stops' along the way where you meet up with the 'driver' of the day.

In the afternoons, the 'driver' meets you at school and you walk back to the bus stop together.

Feet First

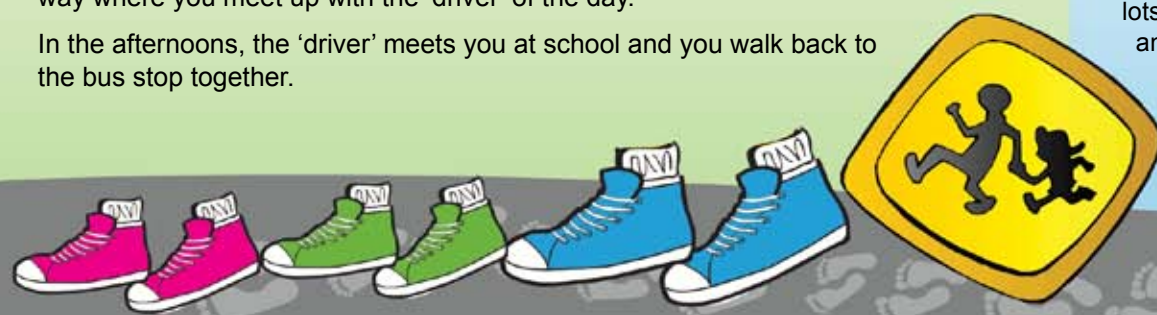
Walk to School Every Week

Ia Wiki Hikoi Ki Te Kura

Have you heard of Feet First?

It's a national project designed to get kiwi kids walking! Working alongside things like walking school buses and school travel plans, Feet First encourages primary school students to walk to school with a parent, caregiver, friend or organised walking group. There are lots of resources on their website and even competitions that your school could enter.

Find out more about Feet First
www.feetfirst.govt.nz



GET ON YOUR BIKE!



Did you know that the most popular vehicle in the world is a bicycle! It's hard to know for sure exactly how many there are but there are more than a billion... wow, that's a lot.

Cycling is a quick way to travel around; it's good for you, cheap and fun! So next time you are off somewhere, jump on your bike instead of in the car.

Hey cyclists! Here are some tips for staying safe while cycling.

- **Work on your bike skills.** Practise the skills away from the traffic.
- **Check your bike** before you ride – brakes, tyres, chain.
- **Make sure you can be seen** – bright-coloured clothes, lights and reflectors all help.
- **Wear a helmet.** Make sure it fits firmly and keep it done up. If your helmet gets dented or broken in a crash or dropped heavily, replace it.
- **Make eye contact** with other drivers.
- **Regularly check** behind you.
- Ride at least one metre out from parked cars, and **watch for drivers opening doors.**
- **Look ahead** for potential hazards like potholes, drains, pedestrians or drivers who haven't seen you.
- **Know the road rules** and follow them!
- **Be predictable.** Ride in as smooth a line as possible.
- Choose a **safe route.**

Help me get to school!



WHICH IS THE SAFER CYCLIST? Be safe, be seen,

Which of these cyclists will be easier to see on their way to school? Why? Which one do you think is safer?



www.bikewise.co.nz

Bike Wise is New Zealand's national programme of activities which promote cycling as a fun, healthy and safe way to travel. There are also lots of resources on their website for you to learn about biking!



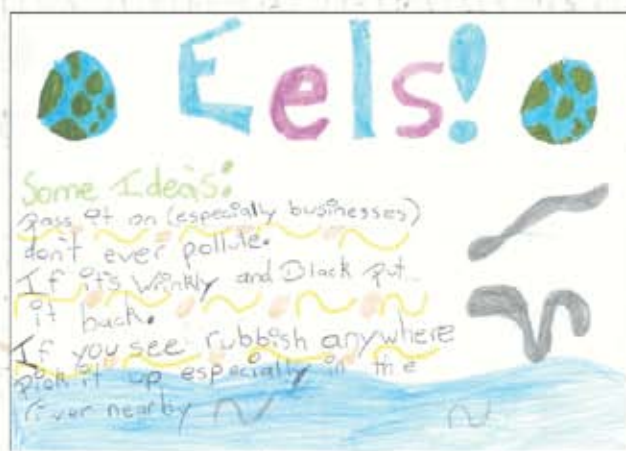
SPOT THE DIFFERENCE

There are ten things different in the second picture, can you spot them all?
(The answers are at the bottom of the page.)



TERRIFIC TRANSPORT

colouring competition



WINNERS!!!

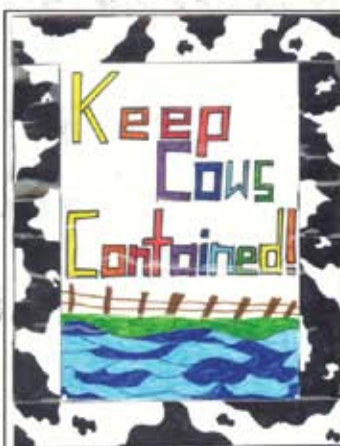
Thanks to all the entries in our Tuna poster competition.
The winners are:

Eels! – Ruby Willis, Te Puke, Age 8

Waiora – Emily McCarthy, Tauranga, Age 16

Keep Cows Contained – Courtney Beehre, Te Puke, Age 11

Remember you can email competition entries, letters, stories, jokes or photos to buzzbop@boprc.govt.nz and they will be on this page in future issues.



Name: _____

Address: _____

Age: _____

Send entries to:

Pollution Busters Club
Bay of Plenty Regional Council
Freeport 122076
PO Box 364
Whakatāne 3158

Spot the difference answers: 1. Bus changed to green 2. cyclist's vest 3. cyclist's face 4. bike lane symbol gone 5. helmet on the road 6. pole gone behind cyclist 7. Bay Hopper logo bigger on front of bus 8. bus route on bus changed from WHAKATANE to OHOP 9. bus stop road markings changed colour 10. BuzzBOP flying behind bus



BuzzBOP'S FRIENDS

At the Regional Council BuzzBOP has a group of friends called the **TRANSPORT TEAM**.

What do you think they do? Do they play with cars and trucks all day?

No! They plan how you can get around in the Bay of Plenty using different types of transport. Like planning roads, cycle ways, footpaths and buses for our community.

If the community is getting bigger and there are new houses, they need new roads to get to their homes and shops.

If businesses like Kiwifruit growers for example have a lot of goods to sell, they have to make sure the goods can be moved either by trains, trucks or ships. The team needs to make sure the trucks can move goods from the factories to the port.

Then there are the buses! The transport team have to organise all the buses in the Bay of Plenty. They have to make sure they turn up on time; plan where they will stop and which direction they will go.

The transport team also try to encourage people to walk and cycle. Yes, this is included as transport too. By having more people walking and cycling, it reduces the number of cars on the roads.

Roads can be very dangerous for all users so all transport has to be done safely.



TRANSPORT TEAM MEMBER:

RACHEL PINN - SENIOR TRANSPORT PLANNER

What do you do?

I work with the community, Councillors and other transport planners and engineers to plan for the future.

What is the best part of your job?

I am passionate about active and public transport, I hope that the work the transport team and I do helps to give people a range of transport choices rather than just being stuck using a car.

How do you travel to work?

I usually bike or bus but if I have something heavy or have to work late I drive.

What is your message to pollution busters?

If everyone makes a small change it can make a big difference, so don't feel you have to take the bus or bike every day, why not try at least once a week and take a friend?

