



June 2018

Term 2, No. 5

WAIROA COLLEGE

NEWSLETTER

Message From Our Principal

Tēnā Koutou Katoa



On Tuesday 26th June we had Kaumatua Day at the College. I was thrilled and inspired by all the knowledge that was here at school that day. There was singing, kapa haka performances, guest speakers, a sit down lunch catered by our students and staff and even fitness aerobics. This day was special and we hope to continue with this on a more regular basis.

I ask the students to Dream Big - then work out how you are going to get there. There are always people around that are willing to help you. For some it is someone from home or a Nan, Grandad or Aunty down the road. For some it is school. A Teacher, support staff person or a Student Leader.

This years Student Leaders have been an amazing asset to the school. They have worked very hard to build relationships with the younger students. From apple bobbing to an amazing race event they have encouraged our younger students to get involved.

Last week I went to Hastings with a group of year 7 and 8 students who are taking part in a programme with AUT Millennium. The students learnt games, did a fitness circuit and various activities exploring what a good leader does. This was very beneficial for the students getting to understand themselves and others.

Winter sport teams have been doing exceptionally well. I have enjoyed catching some games and seeing our students representing our school with pride.

Parent Teacher Interviews



Tuesday 3rd July
3:30pm - 6pm

Wairoa College Hall

Our teachers have been working very hard this year to further improve outcomes for students. We are tracking and supporting students to be successful. We are in the midst of a curriculum review looking at how we further engage and inspire our young people to reach their personal excellence.



Lucknow street | 06 838 8303 | www.wairoacollege.school.nz
email: info@wairoacollege.school.nz

PRINCIPAL MESSAGE CONT

On Friday 22nd June our Board Chairperson, members of the senior leadership team and members of our student leadership attended the whanau concert at the Community Centre celebrating Matariki. At this event we surveyed the community on what they thought of our draft Vision and Mission. We also asked for feedback on what they thought were the most important values that the college should be instilling in our students to help support them and their families. We also gained an insight into what the community perceived we were doing well and what we could do better. This was important to get feedback from the community as we need the community behind us to reach the outcomes that we all want for the young people here. School is only one but one very important part that has influence. Home and community being the other very important influences. We all need to work together for the benefit of Wairoa.

Ngā Mihi nui,

Mrs Jo-Anne Vennell

Principal

MATARIKI

Students from Ms Haywards Interior Design Friday class, got the chance to do some flax weaving to celebrate Matariki



The students were shown how to create flax bracelets, flax flowers and matariki stars by Kelly Doyle (Kaupapa Maori coordinator for BLENZ).



The items created are being used to do a mini exhibition for next weeks Matariki College Day.

Mrs Gavan also came in to offer some helpful tips to the students.

EDIBLE FASHION AWARDS

Wairoa College entered two fabulous designs into the 2018 Edible Fashion Awards, both designs made it to the finals!

This Sweet Apple creation, is made by Aralely Rudd, Saraya Rowlands, Nikita Jope and Megan Roux (modelled by Saraya)



Matariki Olsen-Smith's creation "Rainbow Core Dress" was a stand out in the event.



This Sweet Apple creation, is made by Aralely Rudd, Saraya Rowlands, Nikita Jope and Megan Roux.



Matariki received some special attention while on the catwalk from the judge, Annah Stretton - fashion label designer.

PARENT TEACHER INTERVIEWS

Parent Teacher Interviews will be held on **Tuesday 3rd July, from 3.30 - 6 pm**, in the Wairoa College Hall.

Parent Teacher interviews are a great opportunity to meet with your child's teachers to discuss their progress. We encourage you to come along!

Please book in a time that suits by going to www.schoolinterviews.co.nz and entering the code: hr8mm

NCEA INTERNAL ASSESSMENTS

ENGLISH 1.4 - Produce creative writing		
Student	Merit	Excellence
Jack-Dustin Dale	★	
Te Mahia Keil	★	
Hugh Taylor	★	
Nova Whaturia	★	
Harmony Robinson		★
HOME ECONOMICS 1.4 - Demonstrate knowledge of practices and strategies to address food handling issues		
Student	Merit	Excellence
Bailee Carr	★	
Samuel Edwards	★	
Courteney Thomas	★	
Nova Whatuira	★	

CHEMISTRY 2.1 - Carry out quantitative analysis		
Student	Merit	Excellence
M.J Keefe-Taeoali'i	★	
Shyanne Smith	★	
Jacky Zhuang	★	
Melchior Atzwanger		★
Jessie Hema-Westcott		★
Gabriel Keefe		★
Paige Lowe		★
Jacob Paku		★
Zoe Solomon		★
MATHEMATICS & STATISTICS 2.14 - Apply systems of equations in solving problems		
Student	Merit	Excellence
Melchior Atzwanger		★

MATHEMATICS & STATISTICS 3.2 - Apply linear programming methods in solving problems		
Student	Merit	Excellence
Justine Hume	★	
Taurion Colquhoun		★
Mya Matakī		★
Kristen Munro		★
Floyd Walker		★
Wade Tohiariki-Williams		★



CONGRATULATIONS

CONGRATULATIONS to Elise Hagen for successfully completing her Level 3 Certificate in Zoo Awareness. Not only did she complete the Certificate, she passed with 100%.

Elise currently does work experience at VetEnt. She is well on her way to achieving her goal of becoming a Veterinary Nurse.

WORLD OCEANS DAY - POSTER COMPETITION WINNERS



Year 7 winners of the recent World Oceans Day poster competition.
From left, Te Arani Edwards, Grace Cooney, Samantha Beer, Rylee Burton, Bonny Akuhata-Brown, Orion Howard.

PE STUDENT OF THE WEEK

WEEK SIX 9R – Kathleen Johnson - for participation and effort in PE.
90 – Shanelle Thompson - for participation and effort in Netball
9C – Nikki Winiata – for being helpful and 100% effort in netball.
9K - Riley Stanaway - Consistently working hard to achieve the key competencies in PE.

10R – Shanice McNabb – for being prepared and participation in netball
100 – Rogan Baty – for 100% effort in Netball
10C - Tamara Stewart - Displaying leadership qualities in PE.
10K - Riverlee Vanpraseuth - Consistently encouraging and supporting others in PE.

L1 - Quinn Down - Working hard to complete her written work in PE.
L2 - Jacky Zhuang - Working well to complete written assessments in PE.
L3 - Devine Tavai-Waitoa - Displaying a positive attitude towards her learning in PE.

WEEK SEVEN 7C – Grace Cooney - for 100% commitment in Ki O Rahi

9R – Kale Baty - for 100% effort and a positive attitude in Ki O Rahi .
90 – Te Hempop Whaipakanga – for 100% effort in fitness training.
9C – Custom-Lee Rigby-Grace – for 100% participation and a positive attitude in netball.
9K - Trinity Nicholas - Working hard to try new skills in PE.

10R Tiana Douglas - for showing leadership in Netball.
100 – Kristen Thomas– for being prepared and participation in netball.
10C - Zhana Poni-Whakamarurangi - Consistently working hard to achieve her key competencies in PE.
10K - Angel Hammond - Consistently working hard to achieve her key competencies in PE.

L1 - Quinn Down - Great participation in Aqua Aerobics for PE.
L2 - Joseph Ormond - Displaying a positive attitude towards his learning in PE.
L3 - Taurion Colquhoun - Displaying great leadership qualities in PE.

REPORTING AN ABSENCE



REMINDER

Could parents and caregivers please ensure they send an explanation when their child is absent from school.

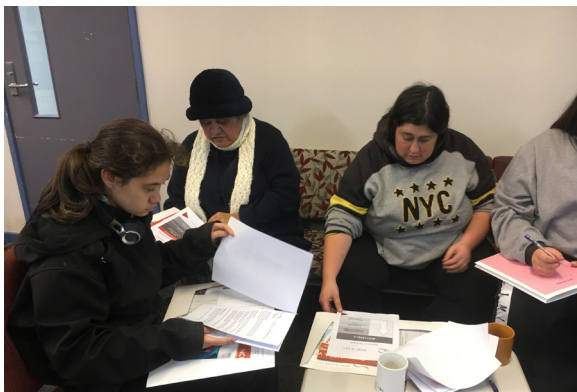
To report an absence please either;

- Phone: 06 838 8303
- Send a text message: 027 808 3670
- Email: info@wairoacollege.school.nz
- Via the College APP

*The APP can be downloaded directly from our website:
www.wairoacollege.school.nz*



NCEA PRESENTATION



Whanau and Students getting involved in the NCEA workshop, on Tuesday 19th June

If you missed the NCEA workshops with Lhi Te Iwimate, but are interested in some of the resources received, please book an appointment time to see Rose Clark at the parent interviews next Tuesday July 3.



UNIVERSITY STUDY - 2019

Most universities will have their 2019 enrolment process open on their websites by 1 August and a number are open for enrolment applications now. Similarly, students wanting to apply for University Halls of Residence can begin applying on 1 August. Accommodation applications are completed on-line from the university's website. A student can apply to enroll at more than one university and also make accommodation applications for each university they apply to as well. Each accommodation application has to also have a Common Confidential Reference Form (CCRF) completed by the school the student attends. Wairoa College's Guidance Counsellor, Mr Body, completes these references for students. Mr Body receives an email notification from CCRF when a student from Wairoa College has submitted their accommodation application.

The universities operate a Preferential Entry system and a Competitive Entry system.

Preferential Entry is calculated in the following way:

An entry score will be calculated using a student's 80 best credits in up to five University Entrance subjects taken at Level 3 or above (including both achievement standards and unit standards).

No more than 24 credits in any subject can be used in the entry score calculation. Credits will be weighted according to the level of attainment.

If a student achieves fewer than 80 credits at Level 3 or above in up to five University Entrance subjects, the entry score will be based on the credits achieved.

An entry score will be calculated by awarding points as follows:

- Excellence - 4 points
- Merit - 3 points
- Achieved - 2 points

Students need to check the university's website for the Preferential Entry score required for the degree they wish to study.

Competitive Entry: students who cannot initially be placed on the Preferential Entry pathway will be placed on the Competitive Entry pathway and gain entry on the basis of their NCEA Level 3 and University Entrance Results.

SCHOLARSHIPS & STUDY GRANTS

All universities also have study scholarships available for first year students. Information about these scholarships and application opening and closing dates are available on their websites. Students wanting to apply for any of these need to start getting prepared now as applications can close as early as 15 August.

Wairoa College also subscribes to Generosity NZ's **GiveMe scholarships and awards** database. Students need to follow the process below to access it free:

Steps

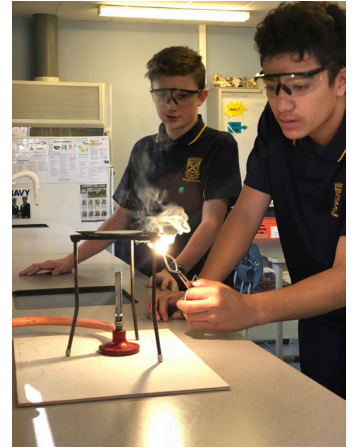
1. Log on to the Wairoa College network.
2. Double-click the drive labelled: readonly (\\wcpdc) (R:)
3. Locate and double-click the GiveMe folder
4. Double-click the file name GiveMe Sign up and enter your name, a personal email address and a 12 character password. Confirm this password and click Sign up.
5. You will now be sent an email containing a link to confirm your GiveMe account email (check your junk mail folder in case it has been put there).
6. When this is done you will be able to enter the GiveMe database.
7. Subsequent access can be gained via the GiveMe Login quicklink GiveMe folder.

DEPARTMENT FOCUS: SCIENCE

Welcome to the Science Faculty!

The Science Faculty covers general Science from Year 9 to Year 11, Senior Biology, Chemistry and Physics. We have a staff of six; Mrs June Norris, Miss Kimberley Mahy, Mr Hugo Robertshaw, Mr Dinesh Venkataiya, Mrs Jane Smith and Ms Jill MacKay.

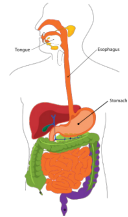
The following is a sample of what has been happening in Science this term.



Year 9

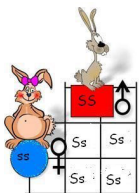
Year 9 have been studying Chemistry, how matter changes at a particle level when heated, cooled and how heat can be transferred. Now that winter is here, investigating the transfer of heat led to 9K and 9R designing and building model houses. Their task was to use their knowledge of conduction and insulation to design a house that is best suited to keeping in the heat. Especially useful during winter time!

Currently, Year 9 are doing a Biology based unit 'Food and digestion'. They have been carrying out food test investigations, outlining the functions of the major organs of the human digestive system, identifying the diet of an animal based on the animal's dentition and gaining an understanding of some diseases caused by poor nutrition.

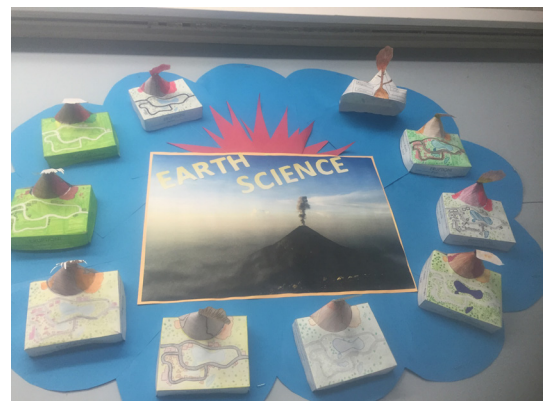


Year 10

This term has seen Year 10 studying 'Genetics'. They have been looking at how genetic information is passed from one generation to the next by the use of Punnett squares and pedigree charts. They have learnt how to extract the DNA from kiwifruit cells.



Currently, Year 10 have been on shaky ground with a Geology based unit involving the structure of the Earth, surface features such as volcanoes and how the crust is broken into fragments called tectonic plates which are a cause of earthquakes. The subduction zone to the east of us is of interest to Seismologists around the world!

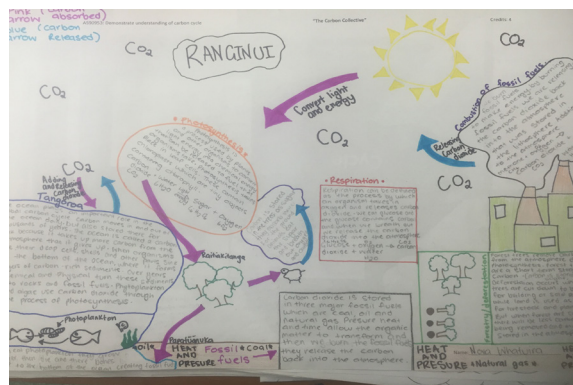
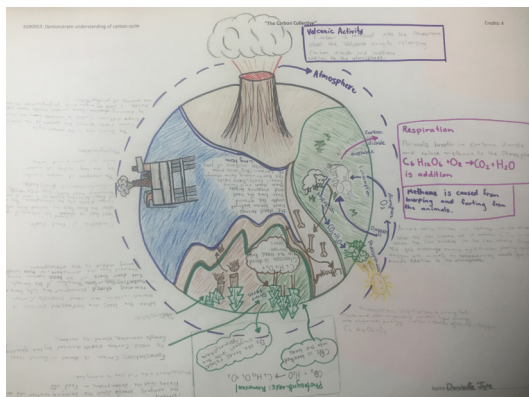


DEPARTMENT FOCUS: SCIENCE

Year 11

There are three Year 11 Science classes. These classes rotate around the teachers each term in a modular system.

Mr Robertshawes Term 2 class has been exploring the deep kinship between humans and the natural world through the concept of Kaitiakitanga. In particular they have been investigating the impact burning carbon compounds has on our environment and subsequently Māori culture.



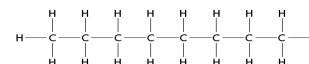
Recently, students have constructed letters to the President of the United States discussing his decision to remove USA from the Paris Climate Agreement.

Dear President Trump,

I am writing this letter to inform you of why we should be worried about burning carbon compounds and why removing the USA from the Paris Climate Agreement might not have been a good idea.

When we burn carbon compounds like octane to fuel our cars so that they have energy to run, we are breaking the chemical bonds between the hydrogen and carbon atoms. This releases the energy that is used for heat and transport.

Octane has 8 carbons and 18 hydrogen atoms:



But burning octane produces a negative impact on the environment and human health. For example, in complete combustion:

Octane + Oxygen → carbon dioxide + Water

Carbon dioxide is a greenhouse gas and our atmosphere acts like a greenhouse trapping in heat energy like a big blanket that covers the Earth. If there is too much carbon dioxide in our atmosphere this causes global warming with flooding and wild fires burning our forestry and high sea levels that will impact life on Earth and how we live.

In incomplete combustion:

Octane + Oxygen → Carbon monoxide + Water

Carbon monoxide produced during incomplete combustion is a poisonous gas that has caused a lot of accidental deaths in the United States alone.

Haemoglobin is a protein found in your blood. The haemoglobin helps absorb oxygen from the lungs and transports that oxygen through the body. Carbon monoxide is a colourless, odourless gas that is known as the silent killer. It attaches to the haemoglobin and prevents the oxygen from being transported through the body. This causes headaches, nausea, and dizziness until the body collapses and the body slowly loses consciousness because the brain is getting no oxygen transported to it.

In conclusion, I hope you take this information on board and reconsider re-joining the Paris Climate Agreement.

Yours sincerely,
Tammy Stubing



Mrs Smith's Term 2 class took part in an NCEA digital trial examination this term. This was a great opportunity for

these students to take part in the trial as it appears to be how examinations will take place in the future. The school computers and internet were up to the test and the students did extremely well during the exam despite technological difficulties with the NZQA server!



Mrs Norris's Term 2 class have been completing practical investigations as part of their module 'Detective science'. This module involved learning about bacteria and fungi and their importance as the role of decomposers.

DEPARTMENT FOCUS: SCIENCE

Year 12 & 13

In senior **Biology**, the Level 2 students have been completing a practical investigation involving the process of osmosis in potato cells when placed in different concentrations of sugar solutions. Many students worked very hard and used their own time in order to complete the requirements of the investigation. Recently, we have been completing a genetic component of a standard which will be assessed at the end of the year.

The Level 3 students are currently working on an internal assessment about homeostasis, focusing on thermoregulation, rather apt given the recent cold weather! Their assessment is next week.

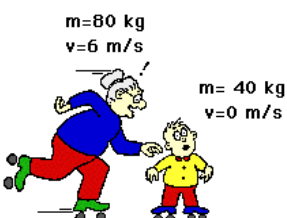
In senior **Chemistry**, students have been busy completing the last of their practical assessments. Practical assessments require students to carry out analytical techniques, collect data, and analyse data to identify the identity or quantity of a substance.

The focus for Term 3 will be the learning and preparation required for the external NCEA exams that occur in November. All Chemistry students are expected to attempt at least one external standard. The completion of both externals is recommended for students who wish to continue with Chemistry in Year 13 and at University level. Chemistry teacher, Miss Mahy, is happy to meet with students at lunch time and afterschool for extra tuition when needed.

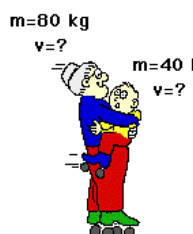
Level 2 **Physics** students have completed a practical investigation and are now back into mechanics, looking at Newton's Laws and momentum. The class can act out Newton's first law ... an object at rest, remains at rest until acted on by an external force ... usually Mrs Smith!



BEFORE



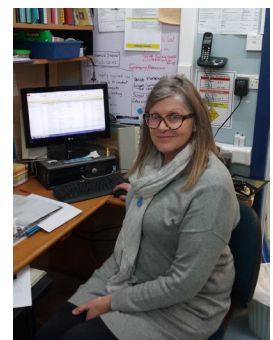
AFTER



The students need to be congratulated on their perseverance with learning they find difficult.

Special mention must be made of our Lab Technician extraordinaire! The Science faculty could not function without her. Thanks, Jill!

Many thanks to our students for all their hard work this term. You make our lives busy! We hope we have helped you to achieve your goals this term.



CALENDAR OF EVENTS

Week Nine

M	25	Jun	Yr 11 Girls Self Defence
T	26		Kaumātua Day
W	27		Loves Me Not programme

Week TEN

M	2 - 6	Jul	Services Academy - Bush craft course
T	3		Parent Teacher Interviews
F	6		School Ball
F	6		Last day of Term

**RUNNING A SCHOOL BALL?
LOVE ORGANISING EVENTS?
WANT TO WORK WITH
SOME OF THE BEST?**

ZEAL

**Event
Bootcamp**

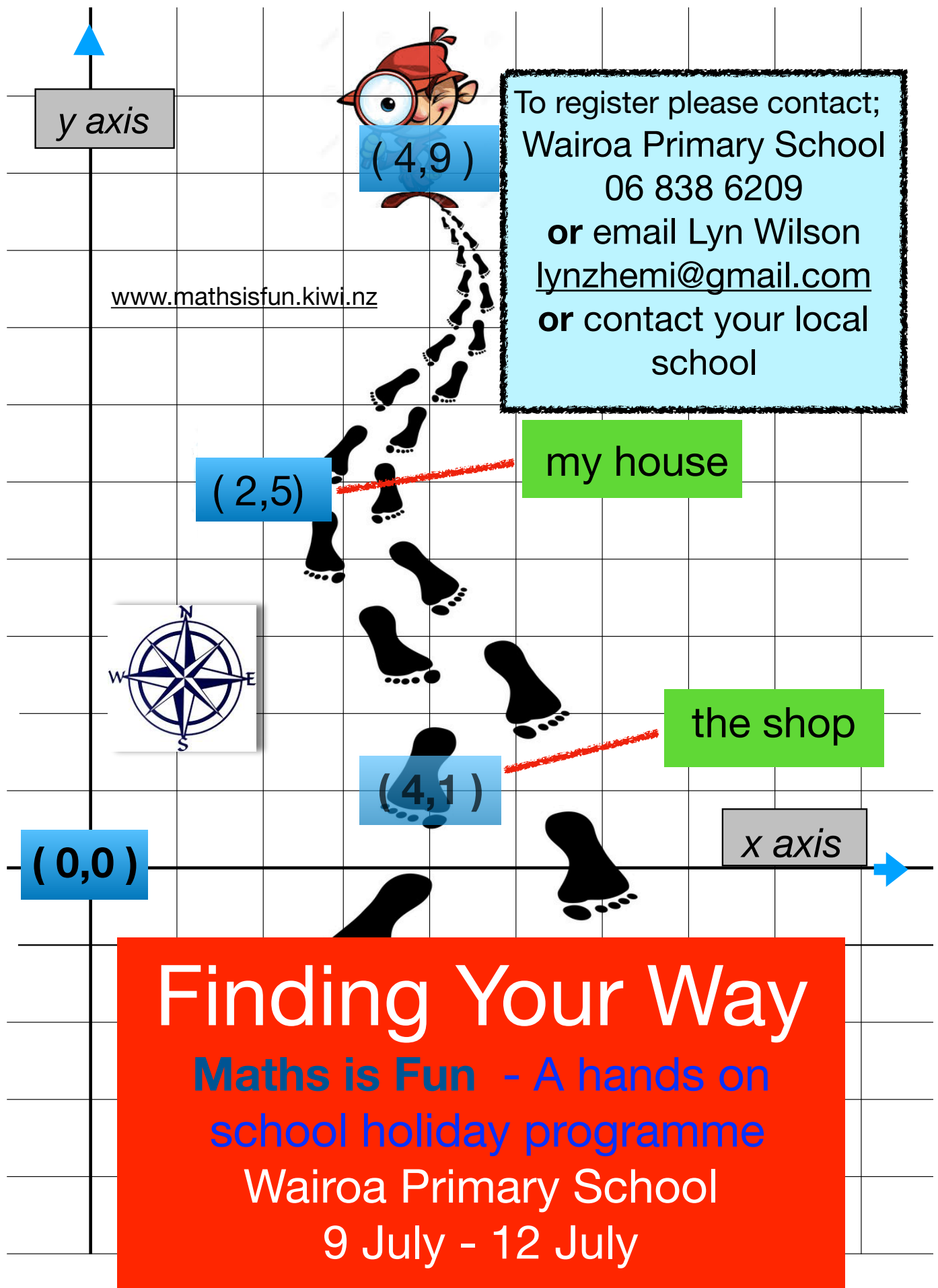
FEAT: INDUSTRY EXPERTS SHARING REAL LIFE EXPERIENCE,
TIPS, TRICKS & EVENT TOOLS YOU CAN USE....

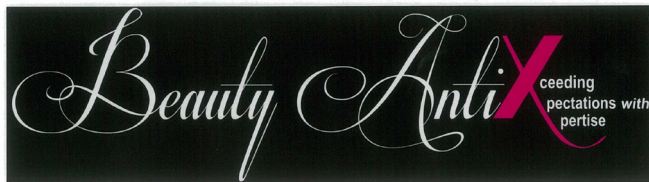
JULY FRIDAY 6TH | 10AM – 3PM
WAIROA WAIKAREMOANA TRUST BOARD ROOM
MARINE PARADE, WAIROA

★ ZEAL EVENT BOOTCAMP IS A 1 DAY, INTENSIVE WORKSHOP CONNECTING YOUNG PEOPLE INTO THE INDUSTRY. FEATURING PRACTICAL WORKSHOPS, VIDEOS, TOOLBOX SESSIONS AND FREE FOOD! ★

SIGN UP FOR FREE TODAY, CONTACT MOIRA BARBER YROA YNOT 068383821
0276664560 OR YROA YNOT FACEBOOK PAGE AND LEAVE A COMMENT.

ZEAL





Ball Specials 2018

Do you want to look your **Best** at the 2018 Wairoa College Ball?
If your answer is **Yes**, then make sure you book in for an appointment at
Beauty Antix today!

BALL MAKEUP

- Pre-ball makeup consultation
- Professional/Photographic Application
- LIMITED Spaces Available, Get in Quick!

BALL SPECIAL PRICE - \$55



EYE POP SPECIAL

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- Eyelash Extensions (Full-set)
- Eyebrow Tint
- Eyebrow Shape

BALL SPECIAL PRICE - \$100

DELUXE BALL SPECIAL

(Valued at \$165)

- Special Occasion or Gel Nails
- Brow Shape + Tint
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BALL SPECIAL PRICE - \$150



ADD ONS

- Add a tan to any Special for an extra \$25
- Add an Express Pedi to any Special for \$20

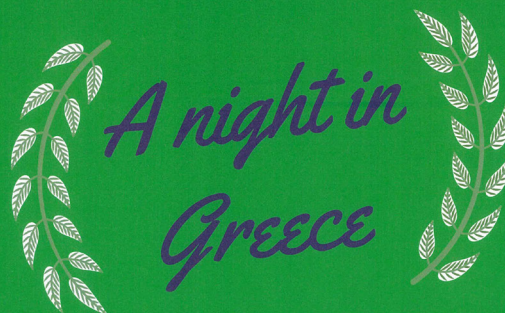
Appointments: www.beautyantix.co.nz



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