



BOTANY DOWNS SECONDARY COLLEGE



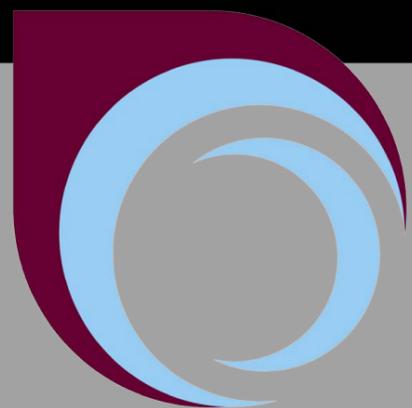
BULLETIN



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WEEK 4 TERM 2 2017



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Secondary College

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Important contact numbers for
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CAREERS



SCHOOL TO SKIES

schooltoskies.co.nz

AIR FORCE TECH AND AVIATION CAMP FOR GIRLS

RNZAF Base
Auckland, Whenuapai

9 - 13 July 2017



The Royal New Zealand Air Force is excited to offer girls in school years 12 and 13 the opportunity to experience Air Force Aviation, Technical and Engineering careers.

DATE: 9 – 13 JULY 2017

LOCATION: RNZAF BASE AUCKLAND

Aviation offers something for everyone, whether you want to spend your days in the skies or keep your feet firmly planted on the ground!

WHAT YOU WILL GET TO DO:

- Learn the basics of flight and how aircraft work;
- Get hands-on experience fixing a real aircraft;
- Grow confidence in your choice of maths and science subjects at school and learn how to apply this knowledge in a real career;
- Plan a real flight mission;
- Develop your leadership and resilience skills during our specialist workshops;
- Mix and mingle with our fantastic servicewomen who were once just like you, looking to make a decision about their future; and
- Ask questions, hear stories, make like-minded friends and see if a career in an RNZAF aviation or technical role is for you!

WHAT YOU NEED:

- Parental/Guardian permission to attend
- To be taking a Math and/or Science related subject
- A willingness to extend yourself and experience things that some people will never get to do
- An ability to commit to the full program

Visit schooltoskies.co.nz to apply!

For information regarding women in the New Zealand Defence Force visit:
www.defencecareers.mil.nz/women-in-the-nzdf



schooltoskies.co.nz

 @RoyalNewZealandAirForce

 @nzdefenceforce

 @NZAirForce

CAREERS

LAW CAREER EVENT



Monday 19 June
7.00pm - 9.00pm
Rydges Hotel Auckland

The career function is open to Year 12 and 13 students who have not yet decided what they would like to do in life, but feel that a tertiary education is an important next step. Parents are also invited to attend.

The structure of the Otago law degree and the career opportunities the degree offers will be explained. These career opportunities are not limited to legal practice but range widely from business, through government departments to working for international organisations. Practical examples of how the law is taught will be a major feature of the session.

Please RSVP to law.careers@otago.ac.nz

MANUKAU INSTITUTE OF TECHNOLOGY

Faculty of Education and Social Sciences Open Evening

Date: Monday 12 June 2017
Time: 4.30 – 7.30pm
Location: MIT Pasifika Community Centre,
Gate 13, North Campus,
Alexander Crescent, Otara

Programmes in Sport, Early Childhood Education, Social Work, Tertiary Teaching, Employment Preparation, and English to help you to get a great job.

- Discover the range of study options you have within our Faculty
- Discuss options delivered by School of Secondary-Tertiary Studies
- Speak to our lecturers and students
- Explore how to upskill your existing qualifications
- Engage with industry representatives and hear from graduates about their study and careers.

Bring your whanau and friends.

VICTORIA UNIVERSITY OF WELLINGTON

Information Evening: Wednesday 7 June, Bruce Mason Centre,
The Promenade, Takapuna.

6.30-6.50pm Faculty Expo and light refreshments as people arrive

6.50-7.25pm Studying & Accommodation at Victoria session

To find out more or to rsvp, please call 0800 VICTORIA, or email info-auckland@vuw.ac.nz

UNIVERSITY OF OTAGO

Information Evening: Tuesday 20 June, South Level 4 Lounge,
Eden Park, Auckland
6.30pm start

The evening will cover: overview and opportunities at Otago, accommodation, admission, scholarships and costs, study options and a student's perspective

ENVIROSCHOOLS

AN OVERSEAS OUTING

Motuihe Island, one of our Hauraki Gulf islands, is in the process of being reforested. A long term project, it relies largely on the work done by volunteers. Corporate and school groups also contribute. BDSC students have been involved from time to time over a number of years.

On a recent sunny Sunday, a small group from the BDSC Enviroschools group joined students from Macleans College, Sancta Maria College and Pakuranga College for a day on Motuihe Island. Arriving on the island after a 45 minute ferry ride from Half Moon Bay, we walked to the volunteers base where tasks were allocated.



Most went off to plant Kahikatea and Toi Toi in two small valleys. The remainder stayed at the base and potted up Kaka Beak seedlings. These have been sourced from a rare plant in the Hokianga Harbour and are being grown for their seeds, which will be used for regeneration elsewhere.

The smell of sausages sizzling on a barbecue, indicated that it was lunchtime. The students and staff from the four schools mingled as they ate, swapping information about their Enviroschools groups.

Following lunch, a walk to collect Kohekohe seeds and the chance to see a Tuatara in their burrows. Despite the group being quiet, the Tuatara were sensitive to our presence and only a few students were lucky enough to see them. The Kohekohe seeds, once we knew what to look for, were quite easy to spot amongst the leaf litter on the forest floor and we quickly gathered a large quantity. Back at the base these were sown into beds of potting mix.

Boarding the ferry at 3pm, we chugged our way back to Half Moon Bay after an enjoyable day with a variety of activities. Our thanks to Mrs van der Spuy of Macleans College for organising this trip: a most worthwhile eastern colleges collaboration.

To learn more about the restoration work on Motuihe Island, visit this website: <http://www.motuihe.org.nz/>

Miss S Brodie
Enviroschools teacher



OUR SCHOOL

MODEL UNITED NATIONS

You'd never think that a term one holiday would consist of meeting politicians and coming up with policy ideas, but this was exactly what nine of our Botany students did.

Members of BDSC's Model United Nations group took part in the 2017 Aotearoa Youth Declaration – an event where 196 high school students from across the country came to Auckland University for four days in the holidays to formulate a document that summarises the youth's views on New Zealand policy. Students from Botany participated in focus groups such as Economic Development, Foreign Affairs, Science and Innovation and Media and Communications, discussing issues all the way from tax brackets to freedom of the press in New Zealand. On the first day, we took part in the Outreach program where we went out to organisations that were related to our focus groups; the Law and Order focus group went to the High Court and the Foreign Affairs group went to the British High Commission. Over the next few days, we participated in various workshops discussing issues such as privilege and Tikanga Maori (Maori values) and we even got the opportunity to network and talk to various MPs and politicians like Chloe Swarbrick, David Seymour and Marama Fox.

These four days were a great experience that not only gave us an insight into the world of policy-making but also provided us with an opportunity to engage with the political process. The final Youth Declaration was presented to the Mayor of Auckland Phil Goff on the last day and it was at that moment where we realised the significance of what we had just done: the document that we had created was something that MPs and policy-makers would read and reference in their decision making process and it is through this document that our voice as the youth of New Zealand could be taken into consideration. I'm extremely proud of BDSC's delegation - which was the second biggest in the country – for contributing to such an excellent document and for their hard work and effort during the course of the four days.

The Aotearoa Youth Declaration that we produced can be found here: <https://unyouth.org.nz/blog/category/the-youth-declaration-2017/>

by Hirzi Putra-Laksana 13S4 (Leader of Model UN)



Left to right:
Stephanie Southon 13S10, Alexandra Page 13D3, Hirzi Putra-Laksana 13S4, Samuel Wat 13K6, Daniel Payne 13B1, Florence Best 13K6

JOHN BRITTEN WHANAU

John Britten Whanau has already had a whirlwind of a start to term 2. We kicked off the term with an awesome visit of the original John Britten bike. Our whanau assembly had Kevin the owner of the Britten bike and his mechanic Hans speaking about some of the many inspiring stories about the innovation process and ideas behind the design and function of the famous bike and it really made the Britten students realise how innovation is a big part of who we are. We had the bike on display in the whanau to celebrate Britten Whanau's 10 year anniversary. We celebrated with a cake at the end of last but getting the Britten in was an amazing experience. Having the name sake John Britten's own creation in the whanau on its 10th birthday really was the icing on the cake to an awesome start of the term for Britten.

This year the John Britten Whanau performed tremendously well in front of the whole school at the Whanau Choir Performances on Wednesday afternoon. The tireless practices and endless rehearsals all payed off after being awarded second place in the competition. A lot of effort and time was put into the John Britten Choir and we were lucky enough to be accompanied by a large number of Britten students eager to be part of the whanau performance.

The team performed extremely well on the day and we can't thank them enough for all the time and effort the 60 plus John Britten students put in. At the end of the day Whanau Choir is about getting involved, making new friends and having fun. Furthermore I think even though we were one point off winning we still left that gymnasium as champions because not only did we prove something to ourselves but as a Whanau we stepped out of our comfort zones and tried something new.

Once again a big thanks to all the students involved with the performance, and we think overall we sang the Mamma out of Mamma Mia!

by Tabarek Al-Jebouri (12J11) and Jessica Chittenden (13J5)



BDSC MEGACREW

STREET DANCE NEW ZEALAND

I was privileged enough to be a part of the BDSC MEGACREW this year, it is a group of students who go and perform at Street Dance New Zealand Nationals. This was an amazing opportunity as I had always wanted to partake in this experience and I finally got an opportunity after an intense audition. This was truly amazing and I would like to thank Mr. Sequeira for giving me this amazing opportunity. The preparation up to the competition was very intense, as we had practises in the morning from seven to eight, after school and weekends.

All our hard work paid off as we placed in the top 5-mega schools in New Zealand and were presented with the One-Love special award, which was awarded for the crew with the best team, both on and off stage. The experience of performing on stage was electric because of the surge of adrenaline pumping through your veins as you put on the show of a lifetime. Moreover, the reaction from the crowd was fantastic as it pushed all of us to do our very best.

The culture of street dancing, feeling the music within yourself and the vibe coming off the dancers on stage is truly the best feeling ever. However, this was more than just about dance as all members of our crew came together as a family, which is so heart-warming as we danced not just for ourselves but for each other.

Moving forward, we hope we can make the culture of Hip-Hop dancing big in our school and achieve well in the future, while making great memories. I would like to thank our leaders, Alexandra Page, Ray Santiago and Huda Sharia for being amazing leaders and not giving up and motivating us to perform to our very best ability. Mr Sequeira, on behalf of the crew I want to say we really appreciate all the hard work and dedication you put into us. This has truly been one of my highlights of Term One.

Divya Prasad 11E2 and Monique De Villers 11E2.



DIGITAL TECHNOLOGIES DEPARTMENT

LEVEL 3 PROGRAMMING CLASS TRIP TO ORION HEALTH

On Wednesday 10 May, students from the two level 3 digital programming classes visited Orion Health that develops software for health sector. The purpose of the trip was to learn about concepts of software development, and how software projects are developed in the workforce. This was related to work being done in our computer science external.

After leaving school, a bus ride took us to our destination. We were escorted through to a conference room, where staff from Orion talked to us about the company, and what they do. We then had speakers talking about the importance of communication in product development, and the multiple stages of communication that occur. We learnt that not only is there communication between the developers and the client, but there are often many layers within the developers that all have to relate to each other. We then learnt about the two main development process methodologies; waterfall and agile development. We had speakers talk to us about how Agile SCRUM framework used for product development processes at Orion Health, followed by a recently graduated software engineering student, who is currently an employee at Orion. He talked about his work on software for breast cancer screening, and we also learnt about his transition straight from university, into the workforce.

After the speakers, we were tasked with splitting into groups, and each group was given a stack of paper. We then had to follow a series of instructions to make paper planes, and were to make as many as possible in 5 minutes. Initially, we had to follow the plan exactly as it was set; with multiple stages of development, followed by testing. This was to imitate a waterfall development process. However, we were then able to take our first experience in the activity, and refine it as each group saw fit. With this improved process, the activity was repeated, and each group saw improvements in the production process, which now undertook an agile methodology.

Finally, we were taken on a tour of the building's offices, and found that the environment present was very friendly and encouraging; that

there seemed to be a community present in each area. We had the opportunity to look at their Stand Up meeting spaces, SCRUM boards and Sprint activities. We were also informed that work is often self-driven, and that you produce as much product as you put in effort, without someone breathing down your neck to make sure that you're on task.

Overall, we learnt a lot about the workings of software development, and how this fits into a real life situation, such as in Orion Health. We were able to understand more about how the company runs, and how a major company fits into many important areas of society. We came away from the experience with valuable information, which will help greatly in writing our external report.

Thanks to Mr Patchigalla and Mr Enriquez for organising and accompanying us on the trip.

by Max Gurr (13K6)



TECHNOLOGY FOR GIRLS

The following 3 events are for girls who are interesting in pursuing a career in Technology. Please see Mr Patchigalla if more information is required.

MICROSOFT DIGIGIRLZ

Saturday, June 10, 2017 | 9:30AM- 3:30 PM
MIT Manukau
25 Davies Avenue, Manukau 2104

This exciting event provides girls with career planning assistance, information about technology and business roles, thought-provoking exercises, and interesting Microsoft product demonstrations.

By participating in the Microsoft DigiGirlz Day, young women can find out about the variety of opportunities available in the high-tech industry and can explore future career paths.

9.30am Registration for Girls (Parents welcome)
10.00am Pōwhiri, Welcoming and Guest Speaker (Parents welcome)
11.00am Activity Round 1
12.00pm Lunch (Provided)
1.00pm Activity Round 2
2.30pm Career Panel (Parents welcome)
3.30 Finish up day

You may register by clicking the following link:
<https://www.microsoftevents.com/profile/form/index.cfm?PKformID=0x19883512fcd>

#GIRLSINNOV8



SHADOWTECH

ShadowTech Day provides young women studying in years 9-11 with an opportunity to experience what working in the Technology sector could be like, encouraging them onto education pathways that lead into Technology sector roles.

Programme:

Connects young women at school with women working in the Technology sector, who act as mentors for the day. Secondary school students get to spend a day with women in Technology, experiencing a day in the life of an IT professional.

ShadowTech Day activities include:

- Workplace tour
- Observing at meetings
- Lunch with secondary student and business mentor
- Follow-up study advice from tertiary mentors

Objective:

To create curiosity and exposure to young women about the Technology sector. To encourage them to choose a career in Technology.

Eligibility:

Young women studying in Years 9– 11

Date of event:

Wednesday 31st May 2017

Meeting point:

Diocesan School for Girls, Clyde Street, Epsom.
South Auckland School students meet at Manukau Institute of Technology, Manukau campus between 7.45am – 8.15am. MIT paid train ride to Diocesan School and back. All other school students to meet at Diocesan School for Girls, Clyde Street, Epsom between 9.00am – 9.15am

Registration:

Here is the student registration link for the Auckland ShadowTech event: <https://sms.youthhub.co.nz/signup?code=ba0DfOnFk>

Further queries:

Please email fobit.events@manukau.ac.nz should you have any questions or clarifications.

Thank you

The Events team
Faculty of Business & IT
Manukau Institute of Technology

ShadowTech
INSPIRING GIRLS INTO TECH

ARTS WEEK

A
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T
O

WHERE?

BDSC 2017
WEARABLE ARTS
COMPETITION
SHOW NIGHT

7PM, FRIDAY 26TH MAY,
SATURDAY 27TH MAY

TICKETS \$10 AVAILABLE AT THE FINANCE CENTRE

MID-WINTER
CHRISTMAS



ARTIST SHOES

The Year 10 to 13 Art classes have had fun painting shoes in an Artists style. These shoes will be sold on Thursday and Friday this week as a fundraiser for the Visual Arts Department's trip to USA in July.



WHANAU PERFORMANCE

1st Place
ENDEAVOUR



2nd Place
BRITTEN



3rd Place
KORU



4th Place
BLAKE



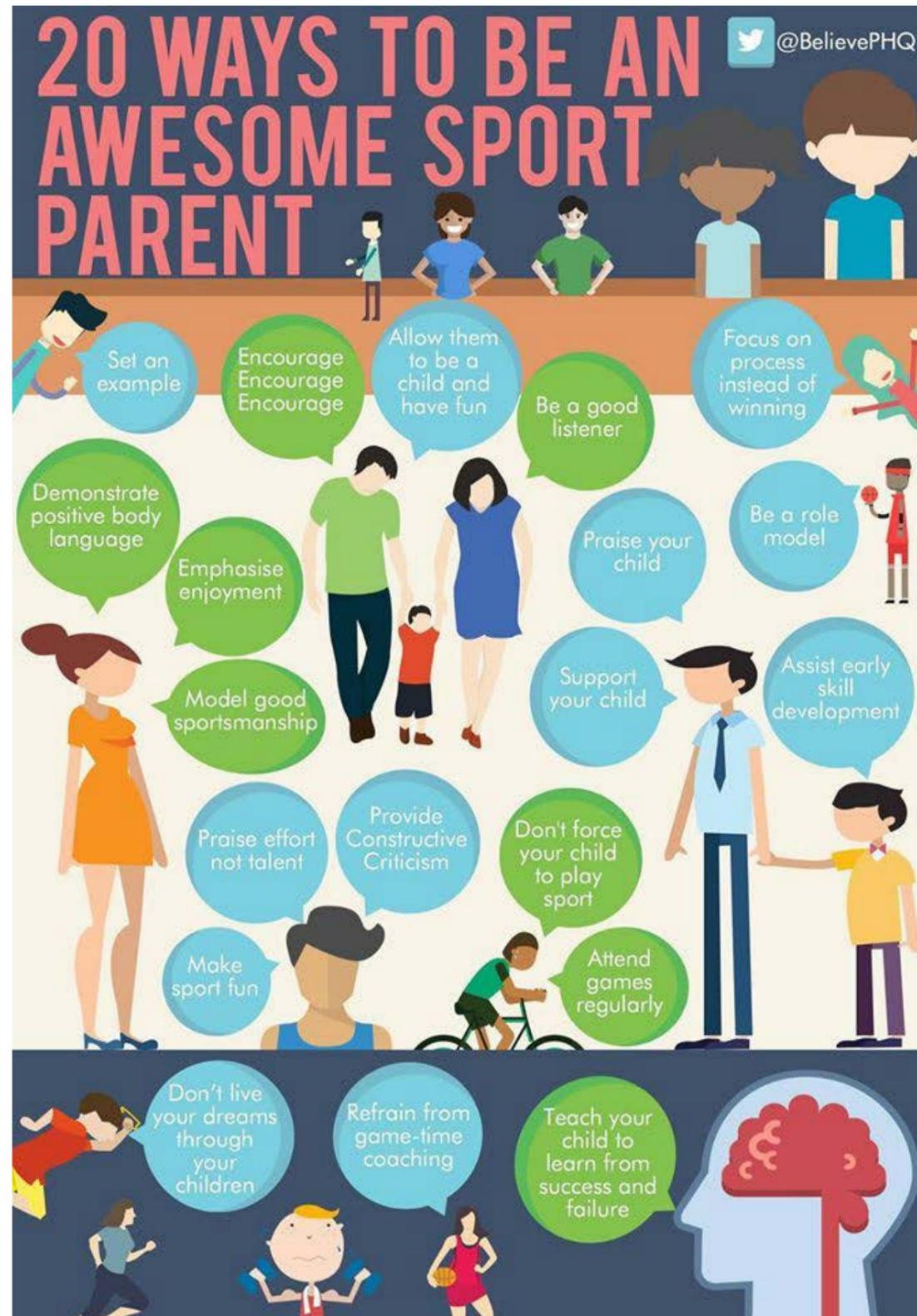
5th Place
DISCOVERY



6th Place
SPIRIT



COLLEGE SPORTS



ORIENTEERING

On Wednesday 10 May, Mollie Keaney (12D9), Hank Lin (9S10), Wei-Xuen Chan (11D3) and Anna Twyman (10B7) went to Woodhill forest in West Auckland to compete in the Auckland Championships Orienteering event. It was so exciting for all of us to take part in a course at such a challenging venue and it was a great opportunity to represent BDSC at such a big event. After the adventure of driving there, warming up, waiting at the start line, and running amongst the many pine trees, we all came out of this experience having learnt something new and with a few funny stories. It was so much fun and we are all super happy with our achievements.

by Anna Twyman (10b7)

Results:

Hank Lin (9S10) finished in 16th place out of 21 competitors in the Junior Boys race. Anna Twyman (10B7) finished in 21st place and Wei-Xuen Chan (11D3) finished in 23rd place out of 32 competitors in the Intermediate girls race. Mollie Keaney (12D9) finished in 5th place out of 9 competitors in the Senior Girls race.



CROSS COUNTRY

On Wednesday 10 May, BDSC held the annual Cross Country. All Junior and Intermediate students competed in this event as well as competitive senior students.

The 2017 results are as follows:

- 1st Koru
- 2nd Blake
- 3rd Spirit
- 4th Endeavour
- 5th Discovery
- 6th Britten

The individual winners of each race are as follows:

- Junior Girls: Angelina Ung (9K6)
- Junior Boys: Joshua Brown (9B7)
- Intermediate Girls: Monique Prime (10D9)
- Intermediate Boys: Brent Mouat (10K6)
- Senior Girls: Sophie Skelton (13K6)
- Senior Boys: Aaron Mouat (13K6)

WINTER SPORTS FEES AND CONTRACTS

Most winter sports are now up and running and in full swing. We are now chasing contracts and payment for our winter sports teams. These both need to be in as soon as possible. If you have any questions or concerns or need an extra contract please contact the sports department.

COLLEGE SPORTS

EASTERN ZONE CROSS COUNTRY

On Thursday 18 May, 15 students travelled to Lloyd Elsmore Park to compete in the Central Eastern Zone Cross Country Champs. The wet weather made for a very muddy and slippery course, which resulted in many slips, falls and lost shoes. All students from BDSC competed extremely well in the event, with outstanding results going to Ezra Bond (9S10) in the Junior Boys race, Monique Prime (10D9) in the intermediate girls race, Brent Mouat (10K6) in the intermediate boys race, Sophie Skelton (13K6) in the senior girls race and Aaron Mouat (13K6) in the senior boys race.



CROSS COUNTRY



KEY DATES 2017

Fri 26 & Sat 27 May	Art to Where? Shows
Friday 2 June	Teacher Only Day
Monday 5 June	Queen's Birthday
Sat 10 & Sun 11 June	40 Hour Famine
Tuesday 13 June	In Zone Enrolement Evening
Mon 19- Fri 23rd June	Cultural Week
Tuesday 20 June	Out of Zone Enrolement Evening
Mon 26- Fri 30 June	Student Led Conferences
Mon 3- Fri 7 July	Maori Language Week
Friday 7 July	Term 2 Ends
Monday 24 July	Term 3 Starts
Friday 29 September	Term 3 Ends
Monday 16 October	Term 4 Starts
Monday 23 October	Labour Day
Thursday 14 December	Term 4 Ends (approx date tbc)