

Let's chat.

Te Pānui o Te Kura Tuarua o Waihora

Lincoln High School Newsletter • Issue 7

2017



Principal's Report

Tēnā koutou

Lincoln High School is part of a Community of Learning|Kāhui Ako with a number of local schools and early childhood centres.

Our Community of Learning is called: **Ngā Mātāpuna o Ngā Pākihi Kāhui Ako**

Our vision is :

Together we achieve
An engaged community of successful learners.

Our Kāhui Ako continues to grow and develop as we work collectively towards shared goals.



In 2013, clusters of schools were established by the Ministry of Education as a way forward with redevelopments, post earthquake, in the greater Christchurch area. Many of the schools within our cluster had worked together prior to this step. The schools initially in our cluster were Lincoln Primary, Lincoln High School, Springston, Ladbrooks and Greenpark. Tai Tapu was invited to join us, as they were a cluster by themselves. We also invited Prebbleton and Broadfield, which were also a standalone cluster, to join us. All three schools accepted this invitation, and our cluster was formed. Initiatives such as the Physical Activities Co-ordinator, reading recovery and science provision for Year 7 and 8s all evolved during the cluster phase.

During the early period of our cluster, initiatives such as the Connecting Minds programme, SOLO and Digifest were instigated. In addition to these initiatives, Lincoln High School leads the ALLiS Project (Asian Language Learning in Schools) where Year 7-8 students are receiving Mandarin language lessons each week. Our Cluster was seen as a very successful and progressive one.

The Ministry of Education continued to work on formalising these clusters into the Community of Learning model. We didn't ponder long before we applied for and were accepted as a formal Community of Learning|Kāhui Ako.

We were delighted to welcome Kidsfirst Lincoln into our team. We all understood and valued the importance of smooth transitions between learning sectors, therefore having an early childhood voice was very important to us all. We continued to work in strong partnerships sharing innovations, ideas, strengths and resources.

Continued over

When resources such as staffing were allocated to the Communities of Learning, another phase of development arose. These staffing resources are very significant and include Lead Principals, across school positions, and within school positions. A Stewardship Board was established to govern the process. This Board comprises of representation from each school within our Kāhui Ako and preschool representation.

The overarching goal for our Kāhui Ako is to improve and enhance student achievement. We are committed to working in partnership to achieve this outcome.

Kathy Paterson, Principal at Lincoln High School and Viv Butcher, Principal at Lincoln Primary School were appointed as succession Lead Principals in May this year. Whilst officially this is a succession model, Kathy and Viv will continue to work in a joint manner throughout the year of their appointment.

We are currently working on formulating our **achievement challenges**. These are joint challenges which every member of our Kāhui Ako have prioritized as important to them. The focus areas are science, writing and international languages. Data is currently being gathered relating to children's ability to think along a scientific model. Writing data from all schools has been analysed and trends identified. Data is being gathered regarding Asia Awareness and Year 12 and 13 students' attitudes and cultural awareness. From this information, the draft achievement challenges will be formed, circulated and consulted upon. It is the goal of the Kāhui Ako to submit these challenges to the Ministry of Education for approval before the end of this academic year.

We are excited by the opportunities the Kāhui Ako present and our next steps include identifying what the across school and within school roles will focus on, then advertise and make appointments to these positions.

The schools and ECE in our Kāhui Ako are;

- ◆ Lincoln High School
- ◆ Lincoln Primary School
- ◆ Prebbleton School
- ◆ Tai Tapu School
- ◆ Springston School
- ◆ Ladbrooks School
- ◆ Broadfield School
- ◆ Giggles and Scribbles Early Learning Centre Limited
- ◆ Kidsfirst Kindergarten Lincoln
- ◆ Lincoln University Early Childhood Centre
- ◆ Lincoln Village Preschool and Nursery
- ◆ Active Explorers—Tai Tapu
- ◆ Prebbleton Kindergarten
- ◆ Whippersnappers Early Learning Centre

Nāku, nā

Kathy Paterson
Principal

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Library

A reminder to senior students that they need to return their library books and their English set texts to the Library before they go on study leave. A replacement cost will be added to school accounts for books not returned.

Looking ahead to the Christmas break, an excellent source of holiday reading is our eBook collection. Ebooks are available anytime, anywhere. Students and staff have access to over 1500 eBook titles via our ePlatform. Instructions on how to borrow eBooks are available on our Library homepage (via the school portal). Alternatively, we have bookmarks with instructions for using the eBook app., and Library staff are always happy to help.

Bronwyn Rickerby
Library Manager

Sports Photos

Last term a selection of our school sports teams had their photos taken. If you wish to order your student's team photo, please click on the link below.

<http://bit.ly/LHSSPORT2017>

To view and order the images, please use the following password:

2017LHSSPORTSX7 (This is Caps Sensitive)

For a limited time until **6 NOVEMBER 2017**, the photographer has discounted their normal prices, PLUS you can save a further 15% off any order over \$35.00. All you need to do to take advantage of our additional discount offer, is by using the Promo Code: **15%OFF** at check out.

Should you have any difficulties with ordering these photos, please contact the photographer direct by e-mail: info@nomadicplanet.co.nz or by calling 0800 35 74 74.

NCEA External Exams.

Last week in Linc class, Year 11-13 students received the following exam related information:

- their personalised Exam Admission slip
- a Candidate Information sheet from NZQA
- an exam rooming sheet

The Exam Admission slip includes a student's personalised exam timetable including the date and times of each exam. The Candidate Information includes details about what to take to exams, what to do in exams and derived grades. It is important for all exam students to read this information.

Students need to bring their personalised **Exam Admission slips** to gain entry into **each** exam. Unclaimed slips are still available from the school office. If an admission slip has been misplaced, a copy can be obtained from the school office for \$1 or it can be reprinted. Reprinting instructions are included in the exam rooming sheet.

It is also recommended that students bring their exam equipment (pens, ruler, highlighters, calculator etc) in a clear plastic bag.

Students need to have set up the learner login on the NZQA website so that they can access their exam results in January. Results are not posted unless requested through the learner login.

Year 11 and 12 students are required to wear school uniform to their exams. The exams start on 9th November and finish on 1st December. Morning exams start at 9.30am and afternoon exams begin at 2pm. All exams are three hours long, which means students need to arrange their transport home following an afternoon exam.

Tony Melton
Assistant Principal

Final Day of the Year

School finishes on Thursday, 14th December, at 11:45 am. The morning will include an end of year celebration assembly and students who have gained industry, class or distinction awards will receive these certificates. The buses will run at 11:45 am.

Year 9 and 10 Awards Ceremonies

These take place on Wednesday, 6th December. (Please note the change of date from that previously published.) Year 10 will be at 6 pm and Year 9 at 7:15 pm.

The only students required to attend are those receiving awards, but others are most welcome to attend. Parents of students who are getting awards will be sent an invitation to attend.

Ako 17 - December 12th and 13th

The groups are well organised for this Year 9 and 10 learning adventure. Students have now been told which episode they are doing and parents have been emailed.

For students not doing Ako there are no normal classes. However, there will be a supervised programme of work for students who come to school.

Please note that costs must be paid before they can participate and it cannot go on the school account. Payment is required by 20th November.

Stephen Rout

Deputy Principal & Head of Level Year 11

Year 9 Formal days – Term 4

Year 9 students are expected to wear Formal uniform – Blazer and tie on the following occasions:

Level Assembly –	Monday 6 th November
9LI and 9HE Marae Visit –	Thursday 9 th November
9AU, 9MG and 9PT Marae Visit –	Monday 13 th November
9AL and 9AG Marae visit –	Wednesday 15 th November
9CL and 9NE Marae visit –	Monday 20 th November
9BE and 9NA Marae visit –	Wednesday 22 nd November
Adopt a Scientist Evening –	Wednesday 29 th November (students involved)
Yr 9 and 10 Awards Ceremony –	Thursday 7 th December (evening)
Level Assembly –	Thursday 14 th December

Marama Lynch

Assistant Principal & Head of Level Year 9

In September **Caelum Betteridge** won the Canterbury Junior Squash Champs for his age group (U17).

He represented Canterbury at the South Island Squash Championships on 16th September and represented Canterbury in the U19 age group at Nationals in October. He has now also made the National Elite U18 Squash Team.

Nicola Clayton was awarded \$150 at the Canterbury Westland Science Fair for “excellence in experimental design, approach and interpretation”.

Lincoln Clay Target Shooting—Hamilton

Lincoln Roper- 1st in NZ Skeet and also part of the winning South Island Skeet Team to beat the North Island.

LHS 'A team' (**Lincoln Roper, Jared Haylock, Ethan Kempthorne, Logan Howe and Charlie Jessep**) won the North Island Points 5 score shoot.

Michael Caines - came 1st in the North Island Single Barrel Champs and 8th in the North Island Single Rise.

Logan Howe - came 2nd in the Individual NZ Regional Triples Champs and won best Canterbury Secondary School shooter of the year.

Rosie Greig - came 3rd in the NZ Regional Team Triples Champs.

Rosie Greig, Logan Howe and Ethan Kempthorne made individual shoot offs for the Regional Champs.

Cameron Moffat and Tayla Wakelin, won the right to compete for their Rolleston division in the recent South Island Region St. John competitions. The competitions were held at Shantytown on the West Coast and the students had to work their way through some staged first aid scenarios, giving them valuable experiences and life skills.

The marks they attained helped to contribute towards the Canterbury Region winning the top region trophy.

Elizabeth Steel and Nicky Dachs have been successful in having their writing work selected for publication in Re-Draft 2017 - a book of stories and poems from young people published each year by The School For Young Writers.

George McNaughton came 3rd in the Intermediate Sprint Championships on Day 1 at Ferrymead Heritage Park, and 6th in the Intermediate Long-Distance Championship on Day 2 at the Spencer Park forest at the 2017 Canterbury Schools Orienteering Championships.

The Mixed team, “The Plummeting Pandas”, **Nicky Dachs, Laura Dachs and Daniel Dachs**, won their category, nearly one hundred points clear of the next team in the 2017 SISS Rock Climbing Competition.

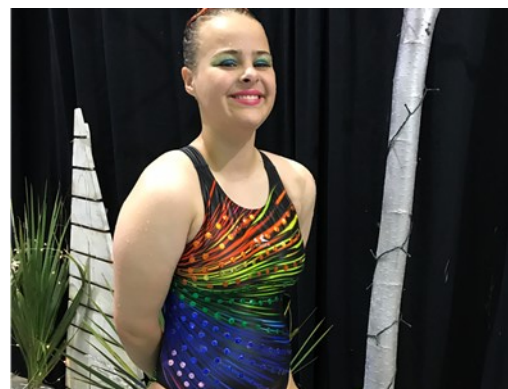
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Please note: while we attempt to publish all the details that we are aware of, we are largely dependent on the wider community for information about student achievements. Please feel free to contact us if you have such information.

Congratulations

Alexandra Orsbourne, Jaimie Hawley Aimee Taylor, Sophie Hawkins and Shannon Roydhouse have made the U17 rep side for the area, for the South Island Girls U17 Football tournament in Methven 10 – 12 October.

Tia Betteridge competed in the recent Synchronised Swimming National Championships. She was in a team for 13—15yrs swimming for Small Strokes Synchro Club, and her team won a bronze medal, There were 150 competitors, 9 New Zealand clubs and 2 international. China & New Caledonia. It was held in Invercargill from 9-12th October.



Students receive congratulations letters from the Principal.



Past Pupils

Former Lincoln High student, **Tessa Sheerin**, has completed the fifth and final mural as part of her nationwide pollution awareness push. Tessa, who studied a Bachelor of Fine Arts at the University of Canterbury, has competed murals in Queenstown, Dunedin, Christchurch and Auckland.

<https://www.facebook.com/uccollegeofarts/>

Tessa's work can also be seen on her own webpage: <http://tesssheerin.com/>

Please note: while we attempt to publish all the details that we are aware of, we are largely dependent on the wider community for information about student achievements. Please feel free to contact us if you have such information.

The Sustainability Council has had a very successful year, continuing our active involvement in community projects and events. We helped the Lincoln Envirotown with the Lincoln Bioblitz, where 534 species were identified in the Liffey. We also completed water testing in the Liffey; building on the extensive records of Water Watch. Earth hour was spent in a lively fashion volunteering at the Lincoln Earth Hour Dance and during the Autumn holidays we inspired children on the topic of the forest floor by running creative stalls at an extremely popular KidsFest event.

The major success this year of the Sustainability Council has been the new mural recently installed on the side of the Tuck Shop, a project which has been a vision of the Council for many years. This is a great achievement for all involved and has been made a possibility through the collaboration of many individuals, not just the Sustainability Council. Painting was completed by non-Council members Emily Thomas, Gabriel Clarke and Charlotte Hamilton, as well as Council members Joel Longworth, Ruby Longworth, Emily Newell, Oliver Gwatkin and Amy Burney. The artwork was designed by local artist Mike Glover, with funding for the project from the Lincoln Farmers' and Craft Market. This project has shown us how important it is to work together with other groups in promoting an environmental message. We hope that this mural will be a great visual display for years to come showing students what our local environment has to offer and potentially inspiring them to get involved in preserving it.

We would like to thank all involved in the Sustainability Council this year, but especially Mrs Litten who has made this journey such an inspiring experience these past five years. With her dedication, enthusiasm and commitment to the Council greatly appreciated by all.

Amy Burney and Anton Phillipson

Co-Heads of the Sustainability Council



Emma excels at Ellesmere...

Emma Owen cleaned up at the 2017 Ellesmere A&P Show with a Charolais Yearling Heifer she reared from a calf. In her first outing showing her own animal, Emma won several classes against competition that included Angus, Lowline, and Shorthorn beef animals. It was an impressive effort given her lack of experience.

She was awarded the following:

- All Breeds Yearling Heifer
- All Breeds All Sexes
- Champion European Heifer
- Reserve Champion Beef Exhibit

Emma has shown a strong interest in Agriculture throughout her five years at Lincoln HS. She plans on continuing her studies at Lincoln University next year. In 2016 she decided to start her own stud and purchased two heifers from local breeders Brent and Anna Fisher from Silverstream Charolais. She also acquired a premature calf last year from Silverstream which she reared and halter trained (heifer in photo).

Emma was part of a school team that exhibited at the 2016 Canterbury A&P Show with support from Piwakawaka Limousin (Gary Kennett – staff). She also led the cattle section of the Grand Parade with the Supreme Limousin exhibit, a two-year old bull.

In April she attended the Sydney Royal Show and rubbed shoulders with some of Australasia's top breeders. This trip obviously confirmed her interest in beef breeding.

Emma has a bright future ahead in the rural sector and we are bound to see more of her as she builds on her showing career.

Gary Kennett



Teacher of Mathematics



Chantal Barr Y13 Sculpture
Cane, balloons, LED lights and hot glue.
1900mm x 2200mm x 600mm

Gateway

2017 has been a very successful year for Gateway students, who have collectively earned 673 credits. The students are to be congratulated on this effort as this is completed in addition to their school work. Six students were successful in gaining casual/part-time roles and, one student has entered an apprenticeship as a result of their Gateway placement.

The success of Gateway is dependent on having employers who are willing to take on our students. We are extremely grateful to them for the time and effort they put into training, encouraging and supporting the students. This programme has been able to build strong relationships between the school and employers and the local community.

Why choose Gateway for 2018?

- Build and develop skills for employment

- Achieve NCEA credits

- Helps students to make informed choices about particular jobs or careers

- May lead to full-time, part-time work or an apprenticeship

The Gateway Programme is designed to help senior students build and develop employment skills, while at the same time gaining unit standards in that particular industry. As the students are out of school one day per week while on the programme, they need to have demonstrated that they have a strong interest in a particular industry, be ready to go out into the work force and make a commitment to keep up with their school studies.

If you would like to know more about the Gateway programme for 2018, please contact Mrs Gray ggr@lincoln.school.nz





Work Experience

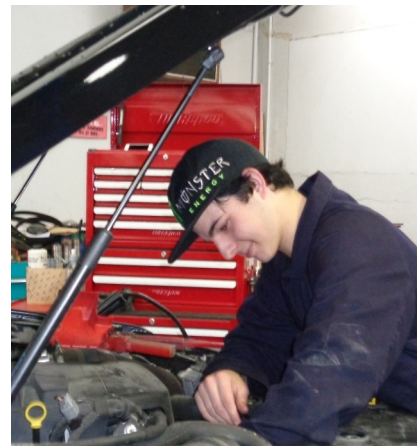
2017 has been a very successful year for Work Experience. 45 students have spent a total of 188 days working with 51 employers. Students have been successful in gaining five apprenticeships, two full-time roles and three part-time roles as a result of Work Experience placements. Congratulations to the students who have participated in Work Experience this year.

Studies have shown that young people who had interactions with an employer while at school were five times less likely to be unemployed than those who didn't have the same employer contact. (www.careers.govt.nz)

At the end of Term 3, our School and Trade Programme students spent three days on Work Experience in their relevant field. Employer feedback on the students was fantastic with two students being offered apprentice opportunities for 2018.

Once again, thank-you to the employers who are willing to take on our students. We are extremely grateful to them for the time and effort they put into training, encouraging and supporting the students. These include Woodshack Kitchens, Neville Sharpe, Hamilton Jets, Komatsu, Mike Thompson, The Local Electrician, Hollands Collision Centre, Blakelys Construction, NZ Trucks, Avon City Ford, National Trade Academy, McKendry Chalmers Construction and Drummond and Etheridge.

If you would like to know more about Work Experience, please contact Mrs Gray ggr@lincoln.school.nz



Careers Hub

Now that the Careers Hub is up and running, we would like to invite all students to pop in and visit us. The Hub is located near Student Services and T Block, beside the driveway where the buses come into school. In the Hub we have the Year 9-13 Tutors, the Gateway and Work Experience Co-ordinator, STAR Co-ordinator, Employment Skills teacher and Careers Advisor. We have lots of brochures for students to browse through and we are happy to welcome everyone to talk about options, short courses, apprenticeships, jobs, NCEA, tertiary courses and much more. Pop in and have a chat, or come and make an appointment if you would like to talk in more detail.

Sussed – Study Link

It is important that if you require a student loan or allowance that you have begun the application process. The sooner that you look at and complete the Sussed Online tool, the better. Applications for loans and allowances should be made by 16th December. Please go to www.studylink.govt.nz for further information about applying for the first time as this requires a range of information which includes providing identity.

Using RealMe

When applying for a Student Allowance and Loan for the first time, students will need to prove their identity. Students are encouraged to do this by signing up online for a RealMe verified identity.

Students then get a free photo taken to complete the process at participating PostShops. This means students can prove who they are without having to provide copies of a passport or birth certificate.

Student Job Search

Student Job Search (SJS) is an online service that helps students gain work experience and extra money while studying at tertiary level.

Their service is free to students who are enrolled in tertiary study for 2017, or who have a letter of confirmation from any NZ tertiary education provider. Students can then start using SJS up to four months before they start study.

SJS advertises thousands of jobs every year on their website, just for tertiary students. Students can register and start applying for jobs by going to www.sjs.co.nz

Ireland Dairy Farm Exchange

The Irish Dairy Farm Positions:

NZ Dairy Careers have teamed up with FRS (Farm Relief Services), to place people with all levels of experience, on dairy farms in Ireland.

- Farms range from 100 - 300 cows and are intensely run operations, so this a fantastic opportunity to master indoor calving and feeding techniques.
- Great working conditions and wages are available to the right applicants.
- Apply now to join the team during their peak season from January - June 2018.

Continued over

Who can Apply?

- 18 years or older by Feb 2018
- Have lived or worked on a dairy farm and have basic experience milking cows
- Meet Immigration requirements
- Have no previous criminal convictions
- Are in good health and drug free (other than those prescribed by a doctor)
- Are prepared to work hard over peak times

Want more Info? If this sounds like you, or someone you know please check out the Irish Exchange Programme tab on the NZ Dairy Career website: <http://www.nzdairycareers.co.nz/irish-exchange.html>

Fiona Bamford

HOD Careers and pathways

Farm Bike STAR Course

Over the last term eight students have been attending a Farm Bike STAR course. This has involved a morning learning the theory around riding safely followed by a practical session on a farm. Students learnt to ride two wheel and quad bikes and built on their existing skills. Students then had to log 20 hours of riding quad bikes and met again in the school holidays to complete a practical assessment. Fantastic tutors from AgriLearn meant the students achieved high quality training from industry experts.

“It was great to learn about how to ride safely” “I enjoyed the practical sessions” “It was an awesome day” “I have skills I will use on the dairy farm in holidays”



Alice Mackintosh
STAR/Career Coaching/Employment Skills

Counselling News

NCEA study and exams

This can be a time of stress for young people. We are at school over the exam period so please contact us if needed. Students can call in when they are in school studying, or in for an exam, or we can be emailed at one of our addresses below. Best wishes to students for their exam time.

School Leavers

We have a list of out-of-school supports for students who are leaving. Encourage your young person to come and collect one, or we could email you one if you wish. These are available for students at any level.

Recommended Parenting Book

“The Strength Switch”, Dr Lea Waters – how to build resilience and optimism, build strong brains and deal with problem behaviours and difficult emotions.

Linda Chapman lch@lincoln.school.nz Rob Macdonald rma@lincoln.school.nz

Carmen Hazlett cha@lincoln.school.nz

Counsellors



Thirteen members of the Lincoln High School extra curricular dance group have been practising hard after school for two hours a week in order to prepare for the annual secondary schools' dance evening "Outstanding Feet". The group performed two pieces, choreographed by Year 11 student, Jessica McMillan, at the Papa Hou Black Box Theatre, on Thursday 19 October. The dancers are Jessica Mc Millan, Stacy McMillan, Abby Prusas, Amelia Prusas, Mia Williams, Emma Packman, Rachel Maat, Hannah Paul, Millie Cragg, Madison McQuinlan, Lucy Jessep, Georgia Shaw and Annabelle Barrowclough.



Alan Li (piano), Rosie Greig (violin) and Joel Longworth (percussion) were members of the Christchurch Schools Regional Orchestra who rehearsed alongside students from the Canterbury region throughout last term. This culminated in a superb performance at the Christchurch Secondary Schools Orchestra Festival in September.

Robyn Wylie
Teacher of Dance & Drama

What's On in Drama?

Term 4

2 November	Parent and cast meeting Musical 2018	7-8pm	Hall
30 November	Year 10 Drama evening	6:30pm	Hall
11 December	Year 9 Drama Performing Arts Evening	7pm	Hall
13 December	KIDSCAN Christmas Extravaganza	9:30am and 10:30am shows for pre-schoolers plus 11:30am for LPS	Hall

Children's Theatre Christmas Extravaganza

This is a fundraising group for KIDSCAN Charity, with the next series of performances on the 13th December at 9:30am and 10:30am. Anyone with preschoolers is welcome to be an audience, with \$4 tickets on sale at the door. We have a fantastic team, so the 40 minute performance will include short Drama plays, as well as a walk through the Christmas grotto, treasure hunt and craft. All profits will be donated to KIDSCAN. For anyone else wanting to get involved post exams, see/email Mrs McLean in PA1 and follow the Schools App. for Children's Theatre.

Musical 2018

It has been an amazing turnout to date and all successful candidates will be meeting again on the 2nd November with parents at a short cast meeting. At this meeting we also hope to see whether any parents would like to get involved behind the scenes to make this a truly collaborative project.

For any questions related to the performing arts, do not hesitate to email me directly or to see me in the Drama office inside PA1.

Sandra McLean

HOD Drama

smc@lincoln.school.nz



Christmas Extravaganza



When: 13 December 2017

Time: 9:30am and 10:30am shows

(40 minutes duration)

**What: 3 short plays, Christmas grotto,
treasure hunt, arts and crafts for
pre-schoolers and the young at heart**

Where: Lincoln High School Hall

**Cost: \$4 per seat- All profits go to KIDSCAN
Tickets available through the school office.**



CO[DE] CREATE project for Gap Filler – Christchurch

This year some of our senior students were privileged to work on a game creation project for the Gap Filler Super Street Arcade project in Christchurch. The brief was to create a retro style game that could be played by two co-operative players at a time, using the giant control on Hill Street corner to play the game which could be seen on the screen mounted on the side of the building opposite.

Students have really enjoyed working on an authentic project. It is beneficial to their program development to have real stakeholders and specifications from someone other than their teacher. Students learned to communicate with the client, alter their ideas to suit client needs and generally produced a much better outcome than would be possible working all on their own.



The students did have very diverse and unique ideas. Their first challenge was facing a team of real game developers to explain their game idea. This “Dragon’s Den” appearance was a very important checkpoint in the development and gave them very useful feedback, as well as encouragement to keep going.

There were many challenges in their development journey, not least of which was learning new techniques in their chosen programming language, facing the difference between playing their game on-line and on the actual console which has some lag issues, as well as managing their own project alongside the demands of their other subjects in a senior school year. Yet, they all managed to produce a passable game, though many felt that they were not yet done.

The learning cannot all be measured by NCEA standards. It’s much wider and deeper than that. It was wonderful watching the students grow and learn independently during a project like this. They start out thinking they know exactly how to code a game and end up realising that there is much more to the process. Research into retro games, player expectations and the needs of a varied and unpredictable audience and game techniques were all part of the development too.

As a teacher, it is wonderful having such authentic learning opportunities for my students. They learn far more than I could ever teach them in a year. The project largely drives the need to learn and I become the guide on the side assisting them on their learning journey.

I am so glad that we can use NCEA standards to reward the students for their effort, but the real rewards are far greater. Students get a chance to action and embed the key competencies of the curriculum in their lives as they self-manage their time and activities.

continued over

They also develop strong character traits that will equip them well for life outside of school, particularly when things do not go as planned, and when they deal with adults in the IT world. Cerebral Fix, the game making company involved in this project, were so supportive of our students and their efforts. Thank you.

I look forward to doing more projects like this. Nothing beats reality for creating authentic learning environments. We all enjoyed the project, despite the challenges. The students came away feeling that they had helped to contribute, even in a small way, to the well-being of Christchurch, through their project. Thank you, Gap Filler, for creating this opportunity.

So, if you are in Christchurch before the end of the year, do take the time to visit the Super Street Arcade and enjoy playing whichever game is currently running. As you do so, reflect on the fact that you are benefiting from New Zealand student's learning as they give back to the community in which they live.

Ruth Davey

Teacher in Charge of Digital Technologies



Hanami Event

Making the most of the warm spring weather, the Year 9 Japanese class took part in a fun Japanese event called Hanami – Cherry Blossom Viewing on the last day of Term 3. This is an event which Japanese people enjoy in April in Japan, meeting up at a local park, having a picnic, singing Karaoke and enjoying being outside. The move to K Block

meant we were close to the beautiful avenue of Cherry trees, our Year 9 students dressed in Kimono, Happi Coats and Yukata, enjoyed some snacks and origami while getting close to nature and enjoying the beauty of the “Sakura” Cherry tree flowers.

Totemo tanoshii keiken deshita – A fun experience for all.



Year 10 Cultural Afternoon at Villa Maria

During Term 3, our Year 10 Japanese class visited Villa Maria College for a Friday afternoon cultural event. After being welcomed by Mr Murase, the Japanese Consulate, students enjoyed watching and participating in the Kendo demonstration by the Canterbury Kendo club, a conversation session, kendama, calligraphy activities and origami. The afternoon finished with a quiz. Enclosed a photo of some of our Year 10 students dressed in Kimono. They are from left Mackenzie Whittington, Ifah Sazali and Rosalyn Bicknell.

Rosalyn Bicknell has just returned from Japan on the Kurashiki Sister City Exchange for two weeks in the October holidays. Rosalyn hosted a student from Kurashiki late July/early August and then returned to stay with the same student in Kurashiki.



Rachel Austen

Head of Learning Area: Languages & Selwyn ALLiS Cluster Coordinator

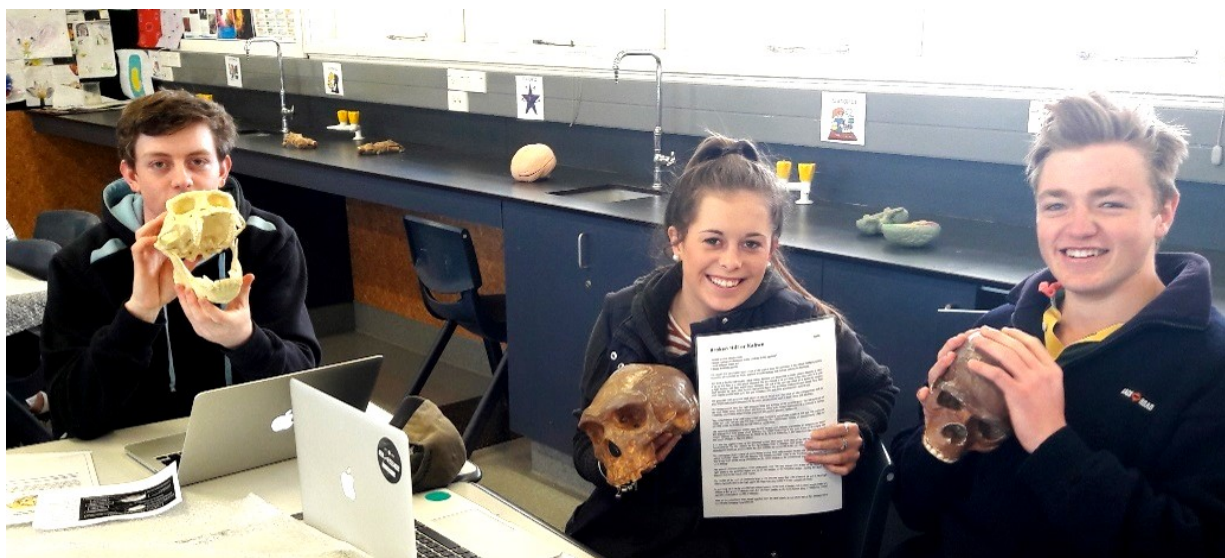


Year 13 Human Evolution and Skull Identification

Year 13 students are currently busy learning about Human Evolution for their upcoming External Achievement Standard. Samantha Fleck is holding *Neanderthal Man* and Madison Craythorne is holding a Gorilla skull from Western Africa. Students are comparing the zygomatic arches, cranial capacities, tooth arrangement and facial features and characteristics.

Tomo Neimann is holding *Homo steinheimensis* that has a very narrow skull with ears set higher on the skull and thinner bones than the *Neanderthal*. This skull is approximately 250,000 years old. Steffi Whittaker is holding *Homo heidelbergensis*, an early-archaic Homo Sapien. This was found at Broken Hill: Kabwe in Zambia in 1921. It is dated between 150,000 and 300,000 years old. The teeth are well preserved for such an old specimen and it shows a neurocranial volume of 1300cm^3 . It has torsus over the eye sockets, and other fragments found with the skull show no characteristics which resemble known European Neanderthals. Nic Forster is holding the chimpanzee skull, a male *Pan troglodytes*. It is native to the African rainforest and weighs up to 120lbs. They live in social communities of between 20 to 100 individuals and are omnivorous as evident from their teeth.

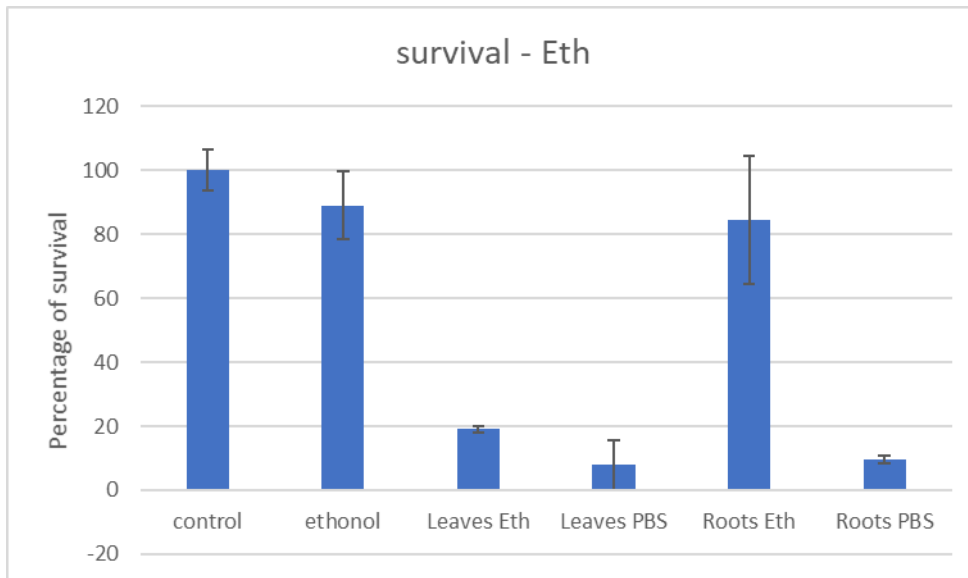
Rose Travis
Teacher of Science



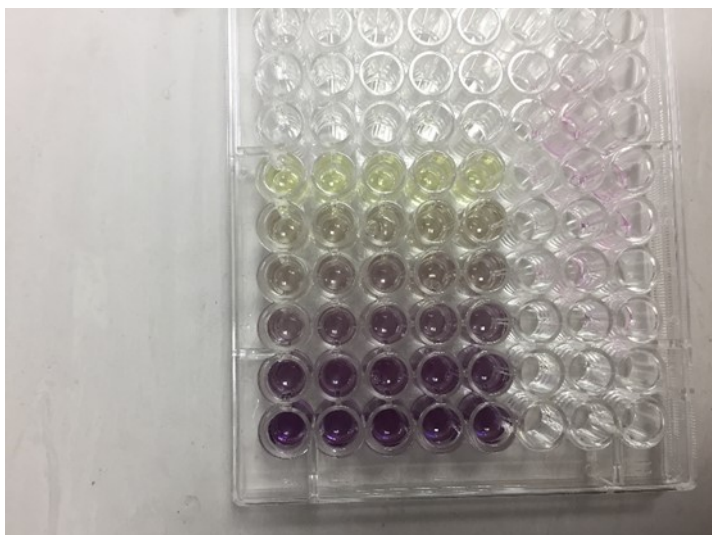
Is the Cure in Our Backyard?

Daniel Dachs and Lewis Fowler worked with Gabi Dachs Associate professor at Otago University Canterbury Pathology Department on an Adopt a Scientist project.

We are researching for a treatment for cancer in the environment that will kill cancer cells, but not normal cells. This is difficult because cancer cells are just deformed cells meaning that killing one, but not the other, is a rare property of compounds. We are looking to see whether the plants in our environment are effective at killing cancer. Our results so far show the following graphed data:



We, so far, have looked at how effective flax roots and flax leaves are, in and out of ethanol. We have also looked at thistles. The most effective is flax in PBS solution, killing 92% of the cancer cells. We will soon be testing how effective stinging nettles and sticky weed are. The way we have been looking for the plants is by looking online for studies which have already been done, and looking in the environment for plants that animals and people would not eat. The photos show us working in the lab completing replicate trials which has been an amazing opportunity.



Caleb Bryce & Hannah Hanson are working on an Adopt a Scientist Project.

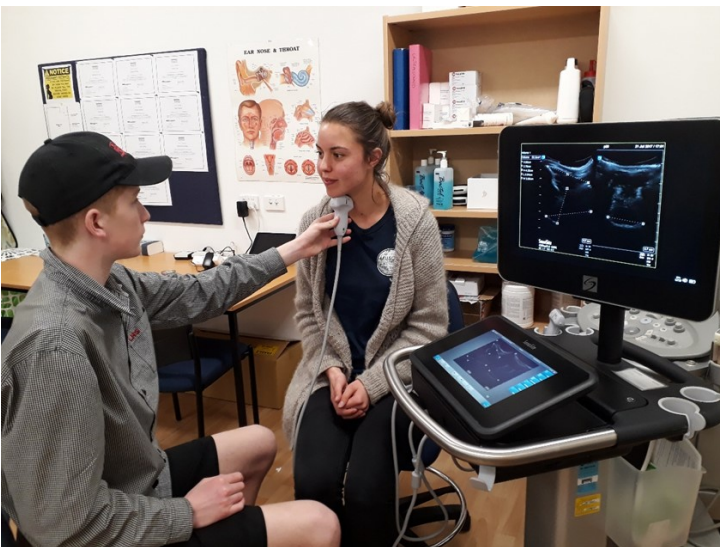
We have been working with Malina Storer, who works at the breathing respiratory near the hospital.

Our aim in this project is to find out factors that influence oxygen peak flow rates in teenagers.

We have been meeting with our scientist and have settled on our aim. We will be surveying and testing on some of our classmates in PE. We will be asking them a range of questions (e.g. If they have been sick in the past week, or if they have a form of asthma). We will then take a form of breath test using the peak flow monitors to test our class before, during and after each PE lesson for the course of around two weeks. The aim of this is to figure out what factors influence oxygen peak flow rates in teenagers. We will then display our finding on a graph to represent what we have found.

So far we have enjoyed learning about peak flow monitors, How they work and what they help us achieve or tell us. We have also enjoyed how Malina works with breathing, and what she does as a job.

Ultrasound Machine comparisons



My name is Seth Allan and I've been lucky enough to be part of the adopt a scientist programme. The scientist I have been working with is Dr. Ellen Hawke who works at the Leinster Chambers. Dr. Ellen Hawke is in her last year of university and her honours was this project. The project is named: Ultrasound tongue thickness comparison. Our Project was to compare the \$80,000 ultrasound machine to the \$9,000 ultrasound machine and to see if hospitals could just use the \$9,000 portable machine. This would help in

practical clinical practice as its cheaper and easier funded which means it is more financially viable for the hospital. We also researched about inter/intra measurement reliability to see if we are both reliable by ourselves and together using both machines. I have really enjoyed my experience, and I am very thankful to Dr. Ellen for accepting me, and to Lincoln High School for organising this opportunity.

Rose Travis

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This year, ten students from Lincoln High School attended the two day Canterbury Model European Union conference, held at University of Canterbury on 7th and 8th September. This year's theme was 'Uncertain', which explored the European Union's response to the Trump presidency. The event was based around a mock European Union Parliament, at which each student was assigned a country and political party, whose views they represented over the two days while the event focus topics were discussed. Both days were full of great debates and discussions, and meeting lots of fellow Cantabrian high school students. We also took part in workshops, mock international negotiations, and had a social evening on the first day. Congratulations to Wynton Hammond who won a scholarship for a European Union STAR course at Canterbury University. This event, as well as the Model United Nations, will be available to all Lincoln High Students in 2018. These are great events for learning about and discussing important global issues, as well as meeting lots of interesting people. If you are interested in attending next year keep an eye on the notices and contact the teacher in charge: Mrs Maria Connolly mco@lincoln.school.nz, or chat to either Ambassador Claire Broughton or Nicky Dachs around school. For a Year 9 perspective, we asked Jeremy Reed to write about this event.



Hi, I'm Jeremy Reed. As it is my first year at Lincoln High School, I took this opportunity to go to the Canterbury Model European Union. I have had a huge interest in Politics and History and this event really united us with other high school students who shared those interests. Arriving there gave me a huge surprise, many high school students were waiting in the lobby outside the main room. I was just in time as they called out that they were opening registrations. Amazingly, I was the first to do so! As I entered the room I was blown away by the size of it, then I was kindly greeted and asked my political party, EFDD. My country was Italy and my Committee was the Environment.

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I was given a personal card that hung around my neck with my name and my placement details (Country, Party & Committee). One of the staff suggested that I go and sit at the back, which was also the top, this provided a great view of the people arriving and the whole room. The Welcoming talk was delightful, I was surprised being handed a tote bag with information on the University of Canterbury (which is where the Model EU is held), sticky notes which helped for bookmarking, a pen and a badge. I was baffled after they gave me a copy of the draft directive in colour, as the night before I had spent over an hour copying the emailed version onto a pad of paper, I only got 3 pages done! After that we headed to the Kirkwood section of the University, and I got to meet the other people in my party. I felt a little weird as there were no Year 9s there, or LHS Students, but that allowed me to make new friends, as I mainly talked to the year 10s, but some Year 11s and 12s as well. The event was amazing, some of the time it got heated! I enjoyed the workshop on the second day, where our committee got together and played out a scenario which was Russia and NATO discussing a Ukraine scenario. The committee was split into two groups, which were NATO and Russia, I was put in Russia! The rest was awesome! I really enjoyed the Model EU Event and look forward to doing it again in Year 10, as well as trying the model United Nation Event too! I look forward to seeing you next year if you are interested in politics, or just want to improve your speaking skills.



Maria Connolly

Careers and Pathways & Teacher of Social Sciences

Secondary Schools National Road Championships

Road Nationals were held around the Manawatu area in the school holidays. Hamish Sadler, Reece Rush and Henrietta Christie travelled up to the North Island to compete at this event, which was celebrating 50 years of school cycling. Henrietta continued her success at the recent Southern School Tour in Blenheim and is now the National U16 Road Race Champion. After this hard fought race, she then claimed Silver in the Points Race the following day.

The road race, held on an open road, comprised of two laps of an 18km course. Hamish, below was caught up in a crash at the start of the race and finished in 35th place. Reece crossed the line in a bunch sprint finish and was awarded 12th place.



Henrietta on the way to claiming title of U16 Road Race Champion. Maddi Douglas on the left pushed Henrietta all the way and it was so close, Henrietta didn't find out she had won until an hour after her race.



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Sport

The Points Race was held around a 3km circuit of Manfield Auto Course on a blustery Manawatu day. The U16 Boys rode eight laps with sprint laps on two, four, six and eight. Reece (below) finished 29th and Hamish 43rd.



Henrietta's points race was seven laps with sprints on lap two, four, six and seven.

Well done to all three riders who will definitely be looking forward to next year when the Championships are being held in Christchurch. We hope that we will have a large group of riders competing for Lincoln High next year.

If winning gold and silver weren't enough for Henrietta she headed on down to Invercargill to compete in the Yunca Junior Cycling Tour in Invercargill. This tour was made up of six races over three days. With each race, the wind seemed to get stronger. Being one of the youngest in the age group, Henrietta was able to attack and push the field and this resulted in a top U16 finish and placing 5th in the U17 age group.

We have also found out that to top off Henrietta's efforts she has been approached by the NZ Road Development Squad - what an honour!



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South Island Secondary Schools Mountainbike Championships

The students representing Lincoln at the Championships were: Bailey des Forges, Oscar Fossey, Ben Santy, Hamish Sadler, Reece Rush, Sam Singleton, Jake Marshall and Flynn Marshall.

The weekend started with a practice day on Friday at Signal Hill in Dunedin and the riders were quick to learn that it was going to be a challenging weekend of racing with wet, muddy conditions and a steep, technical track.

Saturday's competition was the Downhill and Super-D. Oscar, Ben and Sam braved the conditions to hit the Super-D course and finished intact with smiles on their faces.

Sunday looked to have better conditions with the sun shining, but with overnight rain, this left the track soggy and slippery for the Cross Country race. The senior courses were changed because of the conditions which changed the strategy for some of the Lincoln riders. All riders completed their laps and stuck around the finish line to cheer each other on.

All the boys represented Lincoln with pride and determination and they all gave 100%. Great results with Flynn and Reece earning top 10 positions and Hamish with a well deserved 4th placing. The parents enjoyed themselves too!

Karen Urbahn
Sports Administrator

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Results:

Cross Country

U20 – Flynn 9th

U16 – Hamish 4th, Reece 9th, Oscar 21st
and Ben 32rd

U15 – Jake 21st and Sam 25th

Super-D

U16 – Oscar 29th and Ben 30th

U15 – Sam 13th



2017 Canterbury Schools Orienteering Championships

Two students from Lincoln High School entered the Canterbury Schools Orienteering Championships, which took place on the 16th and 17th September. Day 1 was at Ferrymead Heritage Park. Day 2 was in the forest at Spencer Park.

- Day 1: George McNaughton 3rd, Intermediate Sprint Championship.
Day 2: George McNaughton 6th, Intermediate Long Distance Championship.
Josh Edwards mp (missed punch) so unplaced.

George Elliott
TIC Orienteering

2017 SISS Rock Climbing Competition

During Tournament Week, Lincoln High School entered three teams in the South Island Secondary Schools Rock Climbing Competition, two of them in the Male category and one in the Mixed category.

The Mixed team, "The Plummeting Pandas", Nicky Dachs, Laura Dachs, Daniel Dachs and Scott Ferguson, won their category, nearly one hundred points clear of the next team.

Scott Ferguson joined our team, because his school didn't have a team.

Well done, all who took part.

George Elliott
TIC Rock Climbing



Key Dates 2017

Term 4: 2017	
Thursday 2 November	Last Day Year 11, 12
Friday 3 November	Graduation Ceremony 7.00pm
Thursday 9 November	NCEA Exams begin
Thursday 16 November	Teacher Only Day (buses will still run)
Friday 17 November	CANTERBURY SHOW DAY
Wednesday 29 November	Adopt a Scientist Evening
Thursday 30 November	Year 10 Drama Evening 6:30pm
Friday 1 December	NCEA Exams end
Wednesday 6 December	Year 9, 10 Awards Ceremonies
Monday 11 December	Year 9 Performing Arts Evening 7pm
Tuesday 12 December	AKO
Wednesday 13 December	AKO
Thursday 14 December	Last day of Term. Buses will run at 11.45am