

Cherrybrook Technology High School

Term 2

Week 4B

19 May 2017

DEPUTY PRINCIPAL'S REPORT



SRC's The Week

One of the long-standing traditions at CTHS is the SRC Student Executive's series of events, which take place over a week and involve all students. In the past this was called *Super Mega Happy Week*. However, recently it has been shortened to *The Week*.

The Week began on Monday, with games at the Serpentine Wall, involving a number of students engaging in a watermelon eating competition. The aim of this competition was to be the fastest person to eat a large segment without using their hands. At Tuesday's whole School Assembly, we attempted to break the record for the most people singing Happy Birthday whilst standing on one leg! This was followed by the Talent Quest,

involving five star contestants/groups, performing during lunch to a large crowd in the MPC. Particular mention must go to the Year 12 Dance class, who performed a funny take on a Facebook classic, *The Windmill Kids*. This was followed by the finale, featuring a group of CTHS staff, Mr D Jones, Mr Webb, Mr Woo and Mr Sloan, who were ably supported by Sanjeev Desai and Adam Tan, in a rendition of Sanjeev's May Samali Award song entry, *Cherrybrook*. They really had the MPC rocking! A video of this performance is available for viewing on the CTHS website by clicking on this link: <u>http://cths.nsw.edu.au/our-school/videos/</u>

Wednesday was Mufti Day, with many students dressed in the spirit of the Dynamic Duos theme. Year 7 and 8 students were into the handball competition in a big way on Thursday and *The Week* concluded with a huge Kahoot competition in the MPC on Friday, using CTHS's 25th Birthday as the theme.

A big thank you must go to all SRC Student Executives for their organisation and enthusiasm for *The Week*, as well as to Mrs Fletcher and Mr LaGinestra for their stewardship of this group.

LMBR

As a school we have been undertaking a range of training and readiness tasks in preparation for the move to a new Finance and Student Administration system known as LMBR. The 'Go Live' date for this transition is this coming Monday, 22 May. CTHS has been chosen as the pilot school, from the recent Group 51 schools, to host an early deployment and verification test of the system this Sunday, prior to the official launch date. A great deal of financial work has been done in preparation for the move and we would like to thank all SAS staff for their efforts, but in particular, our School Administration Manager, Mrs Jones, who often goes above and beyond the call of duty in what has been a particularly stressful period.

Zone Cross Country

Next Wednesday, 24 May is the Zone Cross Country Carnival. We wish all representatives of the school luck in their run and look forward to hearing of their successes in the near future.

CTHS Athletics Carnival

A reminder for parents and students, the CTHS Athletics Carnival, which was postponed in Term 1 on a number of occasions due to wet weather, has been rescheduled to Wednesday 31 May. Let's hope the weather remains kind to us!

Mission Australia's 2016 Youth Survey

I have included an infographic of some of the results from the 2016 Youth Survey, administered by Mission Australia. With over 21,000 respondents, this is a well-respected report which provides an insight into the lives of young Australians. You will see that young people have nominated stress, school or study problems and body image as their top three issues of personal concern. Mental health was also identified as a personal concern, with a larger proportion nominating this than in previous years. At CTHS, we continue to see the effects of stress and issues related to mental health concerns, in our students. This confirms our actions to assist and support students with these issues. It has been a focus area within our School Plan for the last three years and we have put a range of strategies in place to, not only increase awareness of mental health issues, but also to provide appropriate support when needed. The results of this survey would suggest our efforts on the mental health front at CTHS are well directed.

Be Alert

Police are asking the community to be on the alert for two men, who have been approaching students from their vehicle. Both men are bald, one being of caucasian appearance and the other has a dark complexion.

Police are encouraging parents to remind their children of ways they can stay safe. If anyone has any information relating to this, please contact Castle Hill Police on 9680 5399 or Crime Stoppers on 1800 333 000.







































Building Project Update

The building project continues with much piering work being undertaken in readiness for the slab to be formed up and poured by the end of June. We have some time-lapse vision of work, which has occurred over the last couple of months, compressed into two minutes of viewing. This video can be viewed on the school website via the following link: <u>http://cths.nsw.edu.au/our-school/capital-works-project/time-lapse-videos/</u>



Teacher Appreciation Breakfast

To complete *The Week*, the SRC Student Executive held a Teacher Appreciation Breakfast. A delicious array of food, as well as barista made coffee, was personally prepared and served by the students for the many staff in attendance. This event was the SRC's way of saying thanks to staff for all their efforts. A big thank you must go to all SRC Executives for their thoughtfulness, willingness and effort to show their appreciation.



Alumni News

We recently sent out another edition of the Alumni Newsletter to ex-students of CTHS, listed on our expanding database. For the benefit of the current population of students and their parents, we have included a copy of our latest Alumni profile, showcasing Patricia Jusuf, who graduated in 1997. We hope you enjoy reading of her exploits post-secondary schooling.

Congratulations to...

 Emily Gong (Year 11) who was awarded the Castle Hill Show's Presidents' Ribbon Award, for her painting, presented by Dr Frank Doughty, Castle Hill and Hills District Agricultural President.



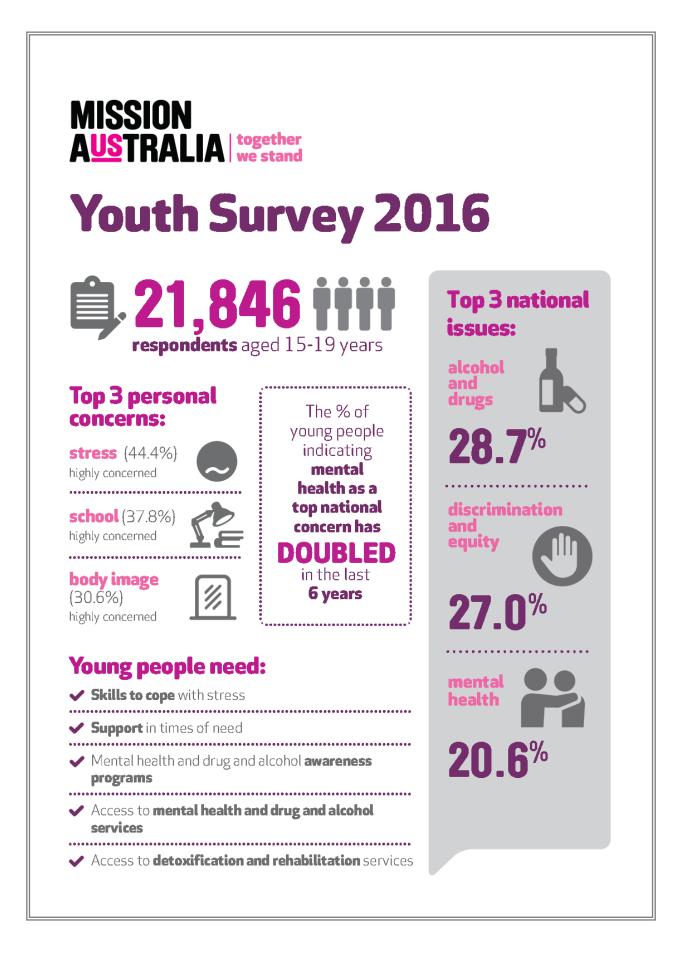
Mr Clements



















WELFARE PROGRAM

Barista Program

On Friday 12 May, Year 10 baristas were up at sunrise creating coffee and hot chocolate for parents and students as part of the John Purchase Public School Mother's Day Breakfast. Our students worked efficiently and thoroughly enjoyed the morning. They will also be called upon to work out of school hours for a variety of events including the Inala Fair.

The Barista Program is open to Year 10 students to train in Term 2 and Year 9 students to train in Term 4. Baristas are trained at The Sydney Coffee Academy, after which, they are added to the rotating roster of baristas, who operate the staff coffee shop each term. By working at the staff coffee shop, students gain experience and leadership skills as well as school service recognition for their role in this program. Applications for the 26 Year 10 training positions will be available in the next couple of weeks.



Peer Support

Year 11 Peer Support Leaders will be engaging with Year 7 in developing resilience skills in the upcoming weeks. This will be enhanced by the Rock and Water program led by Mr Hartman and the incorporation of the Resilience Donut in which students are encouraged to identify and utilise coping strategies from their strengths. CTHS will be running The Resilience Report for the third year to assist Year 7, 8 and 9 students in this process.

In late Term 2 we will be calling for Year 10 students to apply to be Peer Support Leaders in 2018. These leaders will have the opportunity to demonstrate their communication and mentoring skills. They will participate in anti-bullying and resilience activities, as well as helping Year 7 cope with the transition into high school and supporting the junior students at Year 7 camp. It is important that all Peer Support candidates reflect the standards and expectations of CTHS in behaviour, respect and uniform.

Road Trauma Forum

All Year 10 students will be heading to Homebush to experience the bstreetsmart Road Trauma Forum as part of the Crossroads Program. As young adults, who will soon be licenced to drive, this is an invaluable opportunity to understand the rights, responsibilities and consequences of vehicle ownership and control. Further information is located at <u>www.bstreetsmart.org</u>.

Mr Hind, Head Teacher Welfare

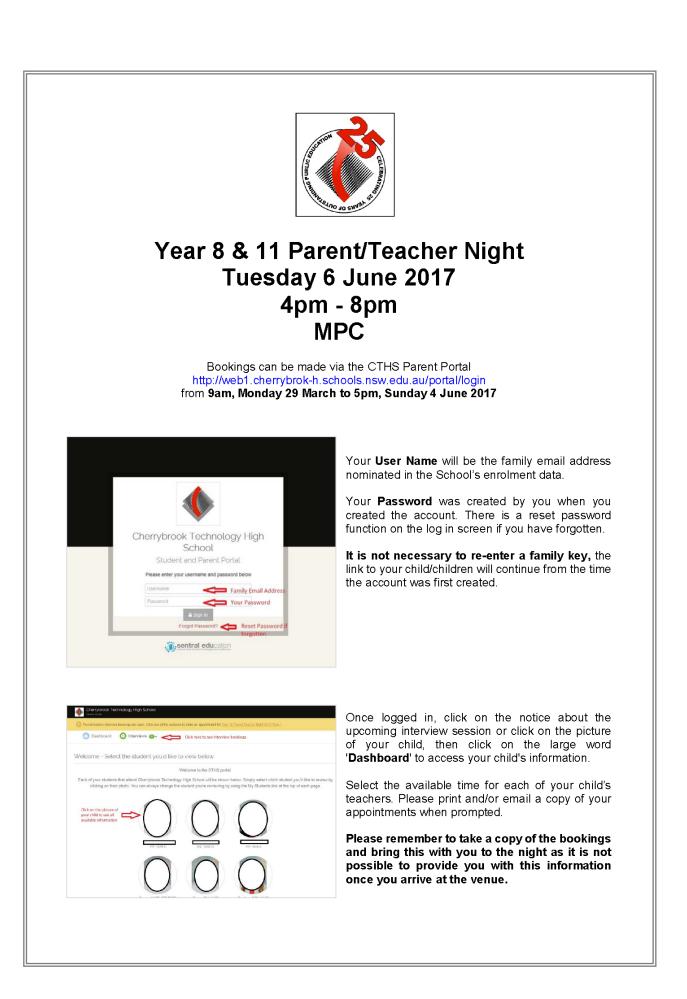
VISITORS TO THE SCHOOL
VISITORS TO THE SCHOOL
A reminder to all visitors there are clear guidelines regarding visiting the school and seeing staff or your child during school hours:
 Appointments to see a member of staff must be made in advance, by phoning the school The first point of entry to the school is the Front Office which is located in A block
 To ensure the safety of all students, visitors are not permitted to enter beyond the Front Office without prior permission
Official visitors are required to sign in at the Front Office.
PROCEDURE FOR SICK STUDENTS
Students who are sick during class should see a teacher for written permission to go to sick bay. They must present themselves promptly to the front office and politely follow instructions from the office staff, who will then contact a parent/guardian when necessary. Sick bay is used for a short time only. Students should not call their parents in the first instance. <i>Please be advised the school does not supply any medication, including pain killers, medicated creams, eye drops etc.</i>



















Mothers' Day Concert

St Patrick's Cathedral Parramatta, Saturday 13 May 2017.

Ashira Fu (Year 12) and Yeelin Hua (Year 8), from the CTHS String Ensemble, were selected to perform with a professional string orchestra conducted by our very own Robert Van Gend, performing challenging works from *Holst* and *Warlock*. It was an enriching experience for the two students, rehearsing tirelessly and making music alongside professional musicians to gain valuable insight into the actual music profession. This concert was a celebration of Mothers and their families, a time to relax and reflect a mongst the vibrant and growing Arts scene in Western Sydney.

Congratulations to Ashira and Yeelin for their dedication and passion to music.

Mrs Lee, Music Ensembles Supervisor



Stage 5 Drama Excursion

Fifty very excited students of drama were treated to a gripping production of Romeo and Juliet last Friday at Riverside Theatres, Parramatta. Sport for Jove's production of Shakespeare's timeless classic of love gone wrong.

The purpose of the excursion was to give our students the opportunity to further develop their appreciation of live performance. Charged with the task of composing a review in response to the work, our students were already sharing their highly articulate responses to the piece in animated discussion in the foyer after the show.

Attending live performance is an excellent way for aspiring actors to learn more about the craft. The Sydney theatre scene offers many great shows so we are very fortunate to have such quality work on our doorstep.

Ms Cannon



From the Library

The library is in the middle of stocktaking. This does not stop the library functioning but there are some temporary restrictions. The fiction collection has already been completed so you can, as always, borrow for your leisure and pleasure. In Week 6 we will be stocktaking the non-fiction collection. Therefore, should you wish to borrow non-fiction resources, please plan/organise and borrow them in Week 5 or you shall have to wait until week 7.

This is also a perfect time to return resources you have sitting around; pay for the items you have lost; renew items you wish to continue using.

Ms Halder









Ancient Warfare Incursion

On Monday 15 May, Year 11 Ancient History students and Stage 5 Technology of Warfare (History Elective) students attended an interactive Ancient Warfare Show, in the MPC, presented by Mr James Adams. Mr Adams has been bringing his Medieval show to CTHS's Year 8 students for many years and for the last two years has also presented the Ancient version of the show to our Year 11s and Stage 5 Elective History students.

Mr Adams started by examining Ancient Chinese warfare, discussing the reasons for differences between European and Chinese military technology and tactics. He then moved on to the Greek Hoplites with a practical demonstration of how a phalanx battle worked. He concluded with the Roman Legionary and the developments in steel leading to *lorica segmentata* armour and the development in weapons technologies with the *pilum* in particular.

The highlight of the day was when students had the opportunity to try on the helmets and armour, and wield the shields and weapons. A few Year 11 boys relished the opportunity to try out some *polearms* with one or two students even brave enough to pick up the six metre Macedonian *sarissa*, the weapon Alexander the Great's army used to conquer the Persian Empire. Another student went for a jog in full Roman armour with shield and spear to get a feel for what it would have been like 2,000 years ago. A few also had the opportunity to fire the *Chu-Ko-Nu*, the Chinese repeating crossbow. However, most were content to don some *maile*, put on a helmet and look scary for the camera. The consensus from students is that the show was enjoyable and informative and they were happy to have had the opportunity to attend.

Mr Hartman

























Integrated Learning - Geography and Science

On Thursday afternoon, 8HAGC invited Science teacher Mr LaGinestra into their classroom to discuss Climate Change. Climate change, as a global issue, is studied by Year 8 as part of their Geography course and while much time is spent looking at the environmental and social impact, Year 8 often have more technical questions about the causes of climate change, which requires expert answers. Mr LaGinestra kindly gave up a free period to give 8C a brief run-down of the science of climate change, including how greenhouse gases work, producers of such gases such as fossil fuels and agriculture, and perhaps most importantly, steps that we as individuals can take to reduce our impact on the environment. The students asked excellent, well thought-out questions, showing they had some serious concerns about how we, as humans, have treated our planet, as well as a lot of hope as to how they could change things in the world for the better. Thank you to Mr LaGinestra for giving up your time and for delivering an excellent lesson!

Mr Hartman





Virtual Reality in History Class

On Thursday, students in Mr Hartman's Year 9 Mandatory History class used Virtual Reality technology to learn about WW1. Using Google Cardboard devices kindly supplied by the Spirit of Anzac Centenary exhibition and the Spirit of Anzac 360 App, students undertook a virtual site study of the exhibition. They explored ten rooms exhibiting different aspects of the conflict in Europe, Turkey and Palestine, in which Australian soldiers were involved in, as well as the aftermath of the war and commemoration. Students are producing a guidebook for the exhibition to make it more accessible for their peers. This activity was a resounding success and will be written into the Year 9 Program for future groups.

Mr Hartman











ALUMNI PROFILE Patricia Jusuf

Graduated CTHS: 1997

What's your current role?

I have a permanent position at the University of Melbourne lecturing and leading a zebrafish research laboratory. While humans are terrible at repairing nerve cells, such as the ones affected in spinal cord trauma or in diseases like Alzheimer's or Parkinson's, zebrafish are masters at regenerating nerve cells. Because they belong to the same vertebrate family as humans, we share the crucial genes that enable such nerve cell creation. My lab is focused on discovering these genes and reactivating them to ultimately cure neural disorders affecting humans.



Did you always want to be a Scientist? Yes. Initially I was interested in astronomy, but worried about job prospects in that field.

How did you come to your current role?

I started a general Bachelor of Science degree, each year following my passion, leading to two majors (neuroscience and biochemistry). I enjoyed the vision lectures and thus pursued an Honours degree in visual neuroscience, for which I received the University Medal. Subsequently I received an Australian Postgraduate Award to complete a PhD studying the red-green colour neural circuits in the eye. I studied a monkey species, in which males are colour-blind and stay home with the babies, while females with red-green colour vision forage for ripe, orange/red fruits. Wanting to do more than "observe" normal neural circuits, I was awarded a National Health and Medical Research Council fellowship to join the University of Cambridge, UK where I started manipulating genes to study how nerve cells are generated. In 2011 I received an Australian Research Council fellowship to set up my own research program initially at the Australian Regenerative Medicine Institute at Monash, and now at the University of Melbourne.

What does your average day look like?

My career is extremely flexible and the only set times are my lectures. Apart from that that my time is divided between lab work, meetings with students and other researchers to come up with better teaching strategies or cool new projects (such as a current project that involves an optometrist, bioinformatician and psychologist). In-between, there are administrative tasks, such as applying for funding, writing up results for scientific papers, organising conferences and mentoring others. Some days are tough and experiments may not work for weeks, but other days we are literally discovering something no one else has ever seen or known! The flexibility of the job allows me to work part-time (5 short days), leaving at 4pm to spend quality time with my toddler and family.

Tips for those in high school that aren't sure what they want to do?

Career choice. Be realistic, but choose wisely! It has to be something you will enjoy, as a large
proportion of your life will be spent working (unless you win the lottery). After receiving a higher
than expected TER (99.65), I had to reject my first uni preference "Medicine", which I only
chose to please my parents, because I knew that I needed a career with a balance of
interacting with people (e.g. students), but also alone time (in the lab, microscope or office).
My current career combines key aspects that suit my personality traits and allow me to pursue
my passion to discover something new.

Having said that, it's never too late to change. Plenty of my academic friends have left research due to funding cuts and found careers with the same aspects they enjoyed in their science careers, but better job security.

- Work hard. Once you have found something you like, give it your all. There is no substitute for working hard. While it is no guarantee for success, the likelihood of success without hard work is relatively low.
- **Priorities.** Pay attention to staying true to yourself and get your priorities straight. While there were great opportunities in the US and Europe for starting a laboratory at famous institutions, it was important for me to return to Australia and be close to my family.









CAREERS UPDATE

University of Sydney Faculty of Engineering and Information Technologies' Evening

Tuesday 30 May, 6:00pm - 8:00pm. Find out everything you need to know about studying Engineering, Computing, Technology or Project Management. <u>https://www.eventbrite.com.au/e/engineering-and-information-technologies-year-11-12-information-evening-tickets-34059278218</u>

Cranbrook School is hosting two places to study this month

New York University, Abu Dhabi (NYUAD), Monday 22 May, from 5.30pm. http://nyuad.nyu.edu/en/

Ecole Hôtelière du Lausanne (EHL)

Wednesday 31 May, from 5.30pm. http://www.ehl.edu/en

Study in Victoria - VTAC and the University of Melbourne

Thursday 8 June 2017, 6.30pm - 8.30pm. https://www.trybooking.com/QCDB

Macquarie Uni Global Leadership Entry Program

Students will be offered a place with Macquarie before finishing Year 12, get an early start on the Global Leadership Program with invitations to events and workshops, build networks that will last a lifetime and have access to Macquarie University's state-of-the-art facilities including the library.

http://www.mq.edu.au/study/find-a-course/undergraduate/macquarie-entry/global-leadership-entry-program

UNSW Law and Business Info Evening

Thursday 22 June. https://www.futurestudents.unsw.edu.au/law-business-information-evening

Ernst and Young Cadet Program

You will combine full-time work with part-time university studies. You will gain valuable experience working with clients and will be exposed to senior managers early so that you can learn from some of the best in the organisation.

http://www.ey.com/au/en/careers/students/your-role-here/students---programs#fragment-1-na

Australian Institute of Quantity Surveyors Scholarships

AIQS offers a scholarship for entry into a Quantity Surveying, Construction Economics, Construction Management (Economics) or other appropriate course at an AIQS accredited university.

http://www.aiqs.com.au/imis/AIQS_Website/Careers_and_Education/Education/AIQS%20Scholarships/AIQS_Website/Public/ Careers/Scholarships.aspx

Champion's Cadetships

Complete your HSC before undertaking a relevant Degree (Bachelor of Commerce, Bachelor of Accounting or Business Degree with an Accounting Major) and you must be studying either Business Studies, Legal Studies or Economics at school. <u>http://www.champions.com.au/careers/cadetship_open</u>

ACU Early Achievers' Program

If you regularly volunteer in your community, through your school, community organisation or cultural or religious group, you could be eligible for the Early Achievers' Program entry into an Undergraduate Degree. If successful, you will receive an offer as early as August to study and benefit from opportunities to enhance your leadership and volunteering skills while at ACU. https://www.acu.edu.au/study_at_acu/pathways_And_entry_schemes/year_12_student_entry/ early_entry

TAFE NSW Northern Sydney Floristry Showcases

Thursday 25 May, Ryde TAFE. Wednesday 7 June, Hornsby TAFE. Calling all lovers of colour, flora and design. Join us to explore the latest trends in floristry and celebrate our students' success at the mid-year 2017 Floristry Showcase. https://www.facebook.com/events/125035558048456/. https://www.facebook.com/events/1849472902045432/

Kenvale High Flyer Program

Year 12 students are selected to participate in a two-day training program and experience hosting or cooking for the Gala Dinner. <u>http://kenvale.edu.au/apply/scholarships/high-flyer-program/</u>

Mrs Bower































