

## PRINCIPAL'S REPORT



### A Quiet Week at Cherrybrook

With our senior students either at camp (Year 11) or busy doing examinations (Year 12) it has certainly been a very quiet week. Junior students have really enjoyed the additional playground space and there has been an explosion of ball games during recess and lunch.

### Staff Development Evening

Next Monday afternoon/evening staff at Cherrybrook will be involved in the second of our Staff Development sessions for 2019. The focus will be on mandatory CPR and Anaphylaxis training thus ensuring all staff have the skills to cope with an emergency situation.

### New Education Minister

Now that the State elections are over and the dust from the election campaign is beginning to settle, it is worth noting our previous local member, Damien Tudehope, has moved to the Upper House and has been replaced by the State Treasurer, The Hon. Dominic Perrottet.

In terms of ministerial responsibilities, Mr Rob Stokes has moved from Education to Planning. Mr Stokes has been a very good supporter of our school, visiting twice during his incumbency and establishing very positive relationships with students and staff when at the school.

Mrs Sarah Mitchell, a member of the National Party, has now been appointed as the new Minister for Education. Pleasingly, Mrs Mitchell was educated at a Government school, Gunnedah High, and supports public education by sending her own children to their local Government school.

### End of Term 1 and Start of Term 2

Next week will be the final week of a long term. School will finish at 3.00pm on Friday 12 April and all students are expected to attend until the end of classes on that day. Students will not return to school until Tuesday 30 April. Year 11 students will commence their examinations on the day school resumes. Students should check their examination timetables carefully and ensure they are on time and prepared for each of their tests. There will be no *Network* published next week.

### School Contributions

A big thank you to all members of the Cherrybrook community who have paid their school contributions so rapidly. Unfortunately, we still have a significant number of families who have not yet managed to pay their outstanding contributions. If you are one such family, I would urge you to pay your contributions as soon as possible. Anyone experiencing financial difficulties should contact me in confidence so an appropriate arrangement may be made.

### Year 11 Camp

This week our Year 11 students have been on camp at Lake Jindabyne. During their time away students participated in a variety of programs which met the outcomes of the Department's 'Fit for Life' course and also had an opportunity to engage in a range of outdoor activities which were both challenging and enjoyable. Students and staff were pleasantly surprised by an early fall of snow which made the students walk to the top of Kosciusko even more attractive. Reports from staff supervising the camp have been overwhelmingly positive.

### School Uniform - Winter Uniform

A reminder to all students and parents, when students return for the beginning of Term 2 they must be attired in full winter uniform. Details of uniform requirements may be found in student diaries or on the school's website.

### ANZAC Day

The school will commemorate this most important day with a special Assembly for all students on Tuesday 9 April.

### Athletics Carnival

The PE staff are hoping for fine weather next Wednesday 10 April so our annual Athletics Carnival can go ahead. As in previous years the Carnival will take place at Greenaway Park. The Athletics Carnival is a **compulsory** part of the PDHPE and Sport curriculum and all students are expected to participate, unless they have appropriate medical documentation excusing them.

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### Achieving Together

Principal: Mr G Johnson  
Deputy Principals: Mr M Townsend, Mr B Clements, Mrs A Gatt

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Year 11 Camp



### **P&C Meeting**

The first P&C Meeting for Term 2 will be held on Tuesday 30 April commencing at 7.30pm in the school common room. All parents are invited, indeed actively encouraged, to attend the P&C Meeting. These evenings are a great opportunity to have some input into the direction of the school, meet with other parents and to hear of new developments within the school. I am certain our present members will make all newcomers feel most welcome.

### **Japanese Trip**

During the forthcoming holiday break, a group of 20 students, currently studying Japanese (Years 10-12), are set to travel to Japan. The study trip will be two weeks long and during this time students will undertake a variety of activities, including visiting our sister schools, Nagoya Commercial High School and Kita High School. Students will be staying with their homestay families in Nagoya and attending their allocated schools to experience Japanese school life.

In addition to the school visit, the schedule includes travelling to Osaka, Kyoto, Mt Fuji, Hakone (Hot Springs) and lastly, Tokyo. In Kyoto, students will participate in traditional sweet making and textile dyeing. All our students are very excited and can't wait for the departure day, which is Saturday 13 April.

A sincere thank you goes to the organising teachers, Mr Chan, Miss Wu and Mr Henry. As always, to establish a trip of this scale, a year of organisation is required and an enormous amount of paper work needs to be completed to ensure the safety and overall quality of the experience. We wish the group a safe and happy journey.

### **Year 10 Minimum Standards Tests**

The NSW Education Standards Authority (NESA) requires all students who complete the HSC from 2020 to be able to demonstrate a minimum standard in reading, writing and numeracy through an online test.

If students pass the online tests of basic reading, writing and numeracy skills they will have demonstrated they have met the HSC minimum standard.

The standard is set at level 3 of the Australian Core Skills Framework (ACSF), which means students have the basic reading, writing and numeracy skills needed for everyday tasks and future learning after school.

TIMETABLE:

### **STUDENTS COMPLETING THE HSC IN 2019**

You do not need to meet the HSC minimum standard or pass the online tests to receive the HSC.

### **STUDENTS COMPLETING THE HSC IN 2020**

Need to meet the HSC minimum standard to receive the HSC. To show they meet the standard students need to:

- Pass the online reading test or have achieved Band 8 or above in reading in Year 9 NAPLAN in 2017 **AND**
- Pass the online writing test or have achieved Band 8 or above in writing in Year 9 NAPLAN in 2017 **AND**
- Pass the online numeracy test or have achieved Band 8 or above in numeracy in Year 9 NAPLAN in 2017.

### **STUDENTS COMPLETING THE HSC IN 2021 OR LATER**

Need to meet the HSC minimum standard to receive the HSC. For a student to meet the standard they need to:

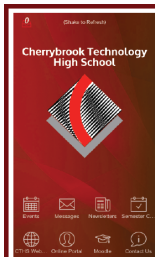
- Pass the online reading test **AND** pass the online writing test **AND** pass the online numeracy test.

At CTHS, the majority of 2020 HSC students have already reached the minimum standards. Year 10 will be involved in the first round of online testing during Term 2, 2019.

For further information please visit the NESA website:

<http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/hsc/hsc-minimum-standard>

Mr Johnson



**Cherrybrook Technology High School App**  
Go to the App Store or Google Play and search for "Cherrybrook Technology High School" to download the free app. This will provide you with school information, dates of upcoming events and more. By enabling push notifications you will receive important messages instantly.



Year 11 Camp



### What is The Future Project?

“Students collaborating with Scientists and Engineers, solving real-world problems and communicating this innovation to the broader public.”

Four Year 11 students from Cherrybrook Technology High School were selected at the end of 2018 to be part of *The Future Project*, an initiative developed by The King’s School and directed by Dr Vera Munro-Smith in partnership with a number of other schools and research scientists from science organisations such as Sangui Bio, Quantal Bioscience and Aegros.

Students who are participating in *The Future Project* include Yvonne Hwang, Michael Ross, Alexander Ross and Rohan Agarwal.

Rohan wrote the following summary about his project:

### TFP Metagenomics

In the TFP project ‘Metagenomics’, we are working towards sampling and comparing the DNA of uncultured microorganisms belonging to a range of different environments, to study the different microbial communities present in each specific environment.

Over the past few weeks, we have been growing, isolating and describing samples of the *Pseudomonas* bacteria as well as samples of other unknown bacteria, through various methods such as streak plating and the dilution series.



We will be sending samples of the 16s rRNA gene (obtained from sampling bacteria living in the different ecosystems) to have the DNA sequenced so that we can identify the various species of viable bacteria present in each environment. (The 16s rRNA gene is commonly used to study bacterial phylogeny and taxonomy because of its presence in almost all bacteria, its optimum size for informatics purposes, and its ease of use to perform gene sequencing).

	C	A	T	T	G	A	C	A		
	32	34	20	20	28	16	14	10		Forward read
Reverse read			T	A	G	A	C	A	T	T
			2	5	4	8	12	20	38	40
										Base calls
										Q scores
	C	A	T	T	G	A	C	A	T	T
	32	34	22	16	35	28	30	34	38	40
										Consensus
										Posterior Qs

Mismatch ↑ Merged read

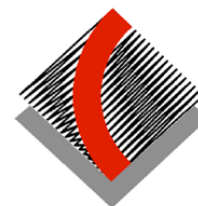
Working our way towards obtaining the skills needed for analysing DNA sequences later on, we are learning how to use a web-based platform, to analyse and perform biological data analysis.

Rohan Agarwal

Mrs Siratkov, Head Teacher Science

### ABSENTEE NOTES

- Please ensure notes to the school contain your child’s **FULL NAME** and **year** plus the **date** and **reason for absence**
- Absentee notes should be handed in to the student window the first day back after an absence
- Notes must be received within seven days of returning to school otherwise it will be recorded as ‘unjustified’.



March 2019

**Cherrybrook  
Technology  
High School**

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Principal  
Mr G Johnson

Deputy Principals  
Mr M Townsend  
Mr B Clements  
Mrs A Gatt

## Whooping Cough (Pertussis)

Dear Parents / Carers

Information from the Ministry of Health about Whooping Cough is provided below.

Whooping Cough (also called Pertussis) began increasing across NSW towards the end of 2018, especially in children between the ages of 5 and 14 years. NSW Health anticipates this increase will continue into 2019.

School-aged children who are infected with Whooping Cough usually experience a troubling cough which can persist for months, but they rarely get severe illness. However, they can spread the infection to younger siblings and other more vulnerable people, who are at higher risk of severe disease. Whooping Cough can be a life threatening infection in babies.

What can you do to prevent Whooping Cough?

1. Make sure vaccinations are up-to-date for all family members
2. Be alert for symptoms of Whooping Cough:
  - i. Whooping Cough usually begins like a cold with a blocked or runny nose, tiredness, mild fever and a cough.
  - ii. The cough gets worse and severe bouts of uncontrollable coughing can develop. Coughing bouts can be followed by vomiting, choking or taking a big gasping breath which causes a 'whooping' sound. The cough can last for many weeks and can be worse at night.
  - iii. Some newborns may not cough at all, but they can stop breathing and turn blue. Some babies have difficulties feeding and can choke or gag.
  - iv. Older children and adults may just have a cough which lasts for many weeks. They may not have the whoop.
3. Keep coughing kids home, to prevent them spreading the infection to others and see your GP to get them tested for Whooping Cough.

For more information on Whooping Cough and vaccination visit the [NSW Health Website](https://www.health.nsw.gov.au/Infectious/whoopingcough/Pages/default.aspx) (<https://www.health.nsw.gov.au/Infectious/whoopingcough/Pages/default.aspx>)

You can also find out about other important infectious disease alerts by visiting the [alerts page](https://www.health.nsw.gov.au/Infectious/alerts/Pages/default.aspx) (<https://www.health.nsw.gov.au/Infectious/alerts/Pages/default.aspx>).

Yours faithfully

Gary Johnson  
Principal



### Robotics and A.I. Course Review

*The Robotics and A.I. Elective Course has been offered for Stage 5 students this year. It gives students the opportunity to apply coding, maths and engineering skills to a Robotics project. At the moment, my class has been working on Arduino Robotic Arm Project Kits. In pairs, we have been constructing these robotic arms – transforming what were originally boxes of plastic frames, screws, servos (motors), servo boards and microcontrollers into fully functioning, programmable robotic arms, each with six degrees of freedom. It is the perfect project for beginners interested in learning about robotics, with enough simplicity to be completed, and enough challenge and flexibility for students to learn. The benefit of working on projects like this in school is that we can ask our teacher for help when needed, as well as collaborate with other pairs (since we are all working on the same thing).*

*At the moment, the class is approximately half way through finishing the building involved in this project. When we finish piecing our robotic arms, we will need to program the arms to perform tasks. I am very grateful to the school for not only running this course, but also investing in it so we can work on these kits and have the materials we need on hand. Without the school's support, our class may not have had such a fun, hands-on approach to Robotics, or perhaps it may not have even existed. I have been enjoying working with my partner on this kit, as I find the subject of Robotics highly intriguing. I love the challenges presented by this project and how problem solving is required to overcome them. I'm really excited to see how the arms work when we finish them!*

Jessie Kristo, Year 9

Ms Emaneni



### Sleep Out

Next term, on Friday 17 May the CTHS Sleep Out will return to the MPC. Last year saw the school raise a mammoth \$23,000 for Stepping Stone House and this year we hope to do even better.

All Stage 5 and 6 students are invited to participate in this incredibly fun and worthy event, which involves sleeping the night in the MPC, building and decorating a shelter out of cardboard boxes and getting an empathetic understanding of the experience of homeless young people.

All proceeds from the night will go to Stepping Stone House, a wonderful organisation which provides medium to long term accommodation and a range of psychosocial support services for young people in NSW who are homeless or at risk of homelessness.

Students who would like to be part of this fantastic night can pick up permission notes from Ms Campbell or Ms Corbett in the English staffroom. Any parent or community member who wishes to make a general donation or sponsor a specific student can do so on our fundraising page:

<https://cthssleepout2019.gofundraise.com.au/cms/home>

On any given night 27,680 young people aged 12-24 years are without a home, so please show your generosity in helping the CTHS community make a positive impact on the lives of those less fortunate.

Thank you! The Social Justice Club



### **Clean4Shore Excursion**

*On Monday 1 April, nine Year 10 students accompanied by Mr Caccamo were out on the Hawkesbury River, tackling some challenging 'muddy' mangroves in the Sandbrook Channel on a falling tide. It was a chilly autumn morning, but we were all very keen for a trip on the water and to do our part in getting our hands dirty to clean up the estuary.*

*We boarded the barge, which was skilfully driven by Mitch at Deerubben Reserve Brooklyn. The group was given a brief orientation by Jono from Clean4Shore as well as an inspiring pep talk by Mr Caccamo, which highlighted the merits of studying Geography.*

*We then proceeded to cleaning the eastern end of the Sandbrook Channel, against the railway line. We collected masses of small litter including straws, lighters, polystyrene and plastics bags. Five big bags were collected here. The rock wall adjacent to the railway line was quickly cleaned up. There was plenty of litter including marine and boating parts.*

*We then moved on to the Long Island mangroves, within the Sandbrook Channel. Here we collected marine boating parts and marine ply, which had washed off boats. In addition, two mattresses were hauled out of the bank through tidal mud into the barge. At this point many of us got stuck in the mud to almost a waist deep level and had to be rescued by Mr Caccamo and Jono. Buckets, crates, plastic sheeting and household items from vessels were found on this foreshore. We broke the Clean4Shore record by collecting five brooms on a single day!*

*It was a great team effort. We collected around 500 kilos of rubbish out of the river. This was off loaded from the barge into the Clean4Shore trailer and was then sent to the Woy Woy tip.*

*Then finally a quick dip to clean the mud off the wetsuits, a healthy lunch and then home.*

*We would like to thank Jono from Clean4Shore and Mr Caccamo for giving us the opportunity to be involved in such a very worthwhile program.*

*Lucinda Choy and Sonia Davidov, Year 10*





## Leathercraft Excursion

On Tuesday and Wednesday this week, members of the Making History: Medieval class ventured down to Botany to learn about traditional leatherworking skills. Birdsall leather is one of the last remaining tanneries in Sydney and here students were able to get an inside view into how leather is processed and used. The project they worked on was a bracer, a piece of armour used in the Middle Ages by archers. The tutor Silvia Guerrera introduced them to a number of traditional skills, from preparing the leather to carving a design, antiquing (dying) and finally fitting embellishments such as eyelets and studs. Below are some impressions from students who attended.

*Going on the excursion to Birdsall Leather was both fun and educational. Not only did we get to make our own archery bracers but we learnt a lot about leather and the leather industry. Overall, the excursion was a great experience and I recommend it to anyone who has the opportunity to go in the future.*

*Timothy Sachdev*

*The excursion was an enjoyable and educational trip. Silvia was a great teacher, helping us understand how a tannery runs and assisting us with making our bracers. Making the bracers was quite a fun experience and learning how hand carved leather designs are made was also a great experience. Overall it was an incredibly enjoyable experience where I learned a lot and definitely won't forget how much fun I had.*

*Tarun Garg*

*Definitely the most interactive excursion I've ever been on. I was so caught up in it that I didn't even realise how much time had passed. Overall, one of the best excursions I've ever been on.*

*Ebony Sorensen*

*Mr Hartman*



# Opal Cards

## School Bus Passes and School Bus Travel

We have been approached by the management of CDC Buses who supply our School Bus service to and from school for students in the morning and afternoons. They have noted many students, despite having a School Opal Card for travel, are not choosing to tap-on when they get on the bus. It is the students' responsibility to tap-on and tap-off for every journey, travelling via public transport, and not the responsibility of the driver. This service is provided by the Government for the benefit of students who live a certain distance from the school (more detailed information below). If particular bus routes show little usage by students, as indicated by School Opal Card tap-ons and tap-offs, the Government will instruct the bus companies to reassess the bus services on offer.

If you are travelling by bus to and/or from school, we ask you to have your School Opal Card ready for use before boarding the bus. Remember to **tap-on** when entering and **tap-off** as you exit! We have instructed our staff on bus duty to assist with this process to ensure orderly, safe and correct entry onto buses. Parents, if you could also ask your children to follow this process it would be much appreciated.

If you do not have a School Opal Card, but require one you can visit <https://transportnsw.info/tickets-opal/ticket-eligibility-concessions/child-student-concessions> for more information.

Mr Clements



## School OPAL Cards - 2019

### Who is Eligible for a School Travel Pass?

**Secondary School Students from Years 7-12** are eligible if:

- They are a resident of NSW or an overseas student who is eligible for free Government education
- The straight line distance from their home address to school is more than 2 km or
- The walking distance from home to school is 2.9 km or further.

Secondary school students who live too close to the school to be eligible for free travel may qualify for a School Term Bus Pass which provides bus travel at a discounted price for the whole school term.

**TAFE Students** are eligible if:

- They are a resident of NSW or an overseas student eligible for free government education
- They are under 18 years of age at 1 January of the year of application
- They are enrolled in a full time TAFE course for a minimum of sixteen hours per week
- They are not employed
- The walking distance from home to TAFE is 3.2 km or further
- They attend the closest TAFE where enrolment is available.

### Non-Australian residents and students temporarily in Australia

Some students who are not Australian residents or who are temporarily in Australia are eligible for free or subsidised travel, depending on their visa subclass.

You will need to quote your visa subclass number and the name of the exchange program (if applicable) when applying for the SSTS, in addition to meeting the standard eligibility criteria.

Transport NSW

### PROCEDURE FOR EARLY LEAVERS

If a student needs to leave school early, they **must** provide a note from their parent/guardian giving reasons for their partial absence. **The student must hand the note in at the student window before 8.30am** where they will be issued with a leave pass. They can then present this pass to their teacher and leave school at the appropriate time.

On Thursdays (sport days) all students in Years 9-11 **MUST** have their early leave notes signed by a member of the PE staff before presenting to the office.

# Sports Report

## Athletics Carnival

The school Athletics Carnival is on next week. This is a great event for everyone from Years 7-12 and we encourage everyone to come along and participate. This is a great chance to experience athletics and have a fun day. Please make sure to bring lots of water to keep yourself hydrated and ensure to Slip, Slop, Slap to protect yourself from the sun. Please come along and enjoy the day. Everyone except for Year 12 is to wear the school sports uniform.

Year 12, remember this is your **last ever Carnival** at the school! This is the last chance to show everyone your sporting ability and your last chance to represent the school at a Zone Carnival. Also remember to dress up in line with the theme which is 'The letter G' so make sure to dress up as anything starting with a 'G'.

## Knockout Sport

Congratulations to all knockout teams which have played over the last few weeks. The Open Girls' Soccer Team won their game progressing to the next round. Unfortunately, the Open Boys' Soccer team lost in a close game against Epping Boys' High School, losing 1-0. In the U15 Knockout Tournament both Boys' and Girls' Teams lost to Pacific Hills, with the Boys unfortunately going down in a penalty shootout. The Open Girls' Basketball team lost in their third round match.

Good luck to all teams still in their Knockout Competitions. We look forward to hearing your results!

## NSW Metro Volleyball

Congratulations to the Under 16's Volleyball Team, which placed second at this competition. This is a great achievement. Well done as well to the Open Boys' Team and Under 16 Boys' Team, both performed extremely well.



## Cross Country Carnival

Well done to all students from Years 7-10 for your participation in this year's Cross Country. In the coming weeks more information about the Zone Carnival will be revealed so keep an eye on the newsletter and Daily News to stay up to date.

Students in Years 11 and 12 who wish to participate in the Zone Carnival need to sign up in the PE staff room. All Age Champions will be determined based on the first Cherrybrook student to finish the race in each age group at the Zone Carnival.

## Sydney North Swimming

Congratulations to all students who participated in the Sydney North Swimming Carnival. Good luck as well to all students who qualified for the NSW Combined High Schools Carnival. We look forward to seeing how you go.

## Grade Sport Winter Season

All Year 9, 10 and 11 students need to pick their sports for the upcoming season. You will have received an email to your school email address so please ensure you go through that email. If you have any questions or have a problem with choosing your sport please go to the PE staff room.

## Upcoming Events

- 6-9 April - NSWCHS Swimming Carnival
- 10 April - CTHS Athletic Carnival
- 11 April - CTHS Athletics Carnival Half Day

Ryan Jones, Sports Captain



# Careers Update

## Northwest Rapid Transport: Careers in Engineering Excursion

On Thursday of Week 6 Term 1, 20 students had the opportunity to go behind the scenes on one of Sydney's biggest infrastructure projects, Sydney Metro Northwest. This is the first stage of the Sydney Metro project, which aims to make transportation by trains faster and safer.

We met some of the engineers involved in Sydney Metro and listened to presentations about their work. We asked questions about career pathways and what it is like to work as an engineer. We then put on safety gear and travelled to the train's maintenance centre. Here, our curator showed us around and gave us an insight into the logistics of the new trains, including a glimpse of the state-of-the-art interiors and the new safety features to be implemented. Overall, the trip was amazing, and we had the privilege of learning about how much engineering goes towards making our daily commute easier and more convenient.

Hamza Parekh, Year 11



Sydney Metro Northwest Excursion; an informational learning experience, one worthwhile. We, then listened to stories from various engineers and what they've learned over the years. There was one quote that really reached me, 'Knowledge isn't intelligence'. This quote I have heard before and I agree with it strongly. People call themselves less intelligent than another person because they don't know how to do something, I believe more people need to hear this quote, not knowing does not define you as less intelligent, we all start off with the same amount of knowledge in life, we are all human, we all learn.

Transport for NSW made it apparent to me how much they care about people, we were taken great care of by the personnel and I was astonished by the number of features implemented for the people. With their new train system, they care about safety and comfort. This is evident through the amount of time and money that they have put into the research, development and implementation of it. This was a really interesting insight into different types of engineering in a real world setting.

Owen Smith, Year 10



## UTS Bachelor of Accounting Co-op Scholarship - Info Evening

Tuesday 14 May, 6.30pm-7.30pm AEST. Come along to our Information Evening and meet current students, graduates, sponsors, and staff of this elite program. Closing date for Round 1 applications is Friday 7 June 2019. See the UTS site for more information about the program and important dates [www.bachelorofaccounting.com](http://www.bachelorofaccounting.com).

Register here <https://www.eventbrite.com.au/e/uts-bachelor-of-accounting-bacc-co-op-scholarship-information-evening-tickets-55060807357>.

## Medicine Deadlines for April 2019

April is the start of Australia's Medicine application period. Study Medicine now includes application deadlines from over 70 webpage sources provided monthly in a downloadable format. Summary information of key April deadlines is provided as a free resource <https://www.studymedicine.com.au/deadline-info>. Study Medicine <https://www.studymedicine.com.au/>.

## Business Cadetships for Year 12 Students - Sydney

Business Cadets combine study at the university of their choice with paid work at UBS in Sydney, a top-ranking global bank. Cadets may choose from a wide range of Degrees, including Economics, Commerce, the Humanities, Mathematics and Computer Science and Technology. Under the Business Cadetships Program, UBS will continue to place cadets across the firm. In addition, as part of the Program, the bank intends placing cadets in UBS Group Technology. By studying and working at a leading company from the start of university, cadets earn a competitive advantage over students who delay work until after university. Only current Year 12 students can apply, so this is your one and only chance to take advantage of an exceptional opportunity! Applications for the Business Cadetships Program are currently open and close on 15 May 2019. Both your Application Form and School Assessment are due by this date. To apply, go to [www.businesscadetships.com.au](http://www.businesscadetships.com.au).

**Click here to discover more about Veterinarians**

What do they do? Veterinarians (Vets) are Doctors of animal health. They prevent, diagnose and treat diseases and other health issues in animals. Working in small clinics, emergency and specialty hospitals, zoos and aquariums, wildlife parks, universities, research facilities, pet food and drug manufacturing companies, conservation and Government organisations.

Are you passionate about animals and committed to their welfare? Love the sciences, proactive and driven by emotional rewards rather than financial? Then you should definitely consider a career as a Vet.

*Duties:*

- Examine, diagnose and treat sick and injured animals
- Carry out general check-ups and administer preventative treatments e.g. vaccinations
- Prescribe and administer animal medications
- Take cell and tissue samples
- Perform diagnostic tests
- Perform surgery on animals

*Skills required:*

- Passion for animals, their health and welfare
- Communication
- Empathy
- Organisational and time management
- Attention to detail and observational skills
- Technical skills - use of machinery and lab equipment, surgical knowledge, computer and other software
- Aptitude for science and an inquiring mind

*Pathways:*

Complete an Undergraduate or Post Graduate Degree in Veterinary Science. Registration and Licensing is also required which includes testing and other requirements once education is completed. Five to seven years is generally how long it takes to complete required studies. Other courses in animal science can provide a pathway for further study in an accredited veterinary degree.

*Average salary:*

\$83,257 is the average salary for a Vet. (source [au.indeed.com](http://au.indeed.com)). Job growth in this area is very strong (source Joboutlook.gov.au).

Mrs Bower and Mrs Ferguson

**Correct Procedure When Approaching a Pedestrian Crossing**

As you approach a pedestrian crossing or children's crossing where a School Crossing Supervisor is displaying a 'STOP Children Crossing' sign, you must slow down and stop. You may proceed when the School Crossing Supervisor no longer displays the sign in your direction or has indicated it is safe for you to proceed.



Stop signs may be placed at an intersection immediately after a pedestrian crossing. You must stop at the stop sign even if you have already stopped at the pedestrian crossing.

**Please Note:** *If the road beyond a children's crossing or pedestrian crossing is blocked, you **MUST NOT** drive onto the crossing.*

For more information, visit the RMS website <http://www.rms.nsw.gov.au/roads/safety-rules/road-rules/pedestrians.html#Children'scrossings>

Mrs Navarro, Head Teacher Student Support

# CTHS Alumni Career Forum

## Tuesday 21 May 7-9pm



This is an opportunity for career professionals to share experiences about their career journey with interested senior students.

**We are seeking Alumni, parents and community members with expertise in the following career areas to act as mentors on the night:**

*Architecture, Aviation, Business, Communications, Construction, Design, Education, Engineering, Health, Hospitality, IT, Law, Marketing, Medicine, Policing, Psychology, Science.*

The night will consist of a panel forum, networking discussions in career-related groups and speed interviewing opportunities.

Light refreshments and canapés will be served throughout the evening with entertainment from current CTHS students.

Register your interest as a Career Mentor before 1 May by contacting Melinda Bower on 9484 2144 or [melinda.bower1@det.nsw.edu.au](mailto:melinda.bower1@det.nsw.edu.au).

**Date:** Tuesday 21 May  
**Time:** 6:30pm School Tours  
7pm-9pm for the Forum  
**Location:** CTHS Multi-Purpose Centre

Cherrybrook Technology High School | <https://cths.nsw.edu.au>





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# BATTLE AT BEROWRA 2019

SKATE, BMX & SCOOTER COMP  
AT BEROWRA SKATE PARK



**SATURDAY**  
**13 APRIL, 11AM-4PM**  
**BEROWRA SKATE PARK,**  
**BEROWRA WATERS RD, BEROWRA**

Skate/Scoot/BMX events. Free BBQ. Chalk Art Demos.  
Lose the Litter Pledge. Music. Prizes and More!

Parking available at Berowra Community Centre.

**SCOOT 11AM**

14 and under  
15 and over

**BMX 12.30PM**

14 and under  
15 and over

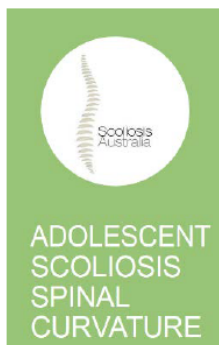
**SKATE 1.30PM**

12 and under  
16 and under  
25 and under

For more information contact Sue Downing on  
9847 6889 or [sdowning@hornsby.nsw.gov.au](mailto:sdowning@hornsby.nsw.gov.au)

[hornsby.nsw.gov.au/youthweek](http://hornsby.nsw.gov.au/youthweek)





### The National Self-Detection Program for Scoliosis

It is recommended, girls in Year 7 participate in the National Self-Detection Program for Scoliosis by downloading the *Self-Detection Fact Sheet* as this is the age range when scoliosis first appears. If after reading the Fact Sheet you or your child think they may have this condition, please consult your family Doctor. The Fact Sheet can be found at:

[https://www.scoliosis-australia.org/wp-content/uploads/Self-Detection\\_FactSheet.pdf](https://www.scoliosis-australia.org/wp-content/uploads/Self-Detection_FactSheet.pdf)

Mrs Navarro, Head Teacher Student Programs

### SCHOOL PHONE NUMBER

Please make a note of the school phone number, **9484 2144**. Although we have a number of outgoing lines, this is the **ONLY** incoming phone number which directly connects to the CTHS front office. Thank you.

### CALENDAR - Term 1 Week 11B

Monday 8 April	<ul style="list-style-type: none"> <li>• NSWCHS Swimming</li> <li>• Year 10 Aboriginal Studies Field Trip</li> <li>• Year 8 Science Skills Task</li> <li>• Knockout Sport - Open Boys' Baseball</li> <li>• Year 11 Geography Field of Mars Excursion</li> </ul>
Tuesday 9 April	<ul style="list-style-type: none"> <li>• NSWCHS Swimming</li> <li>• ANZAC Day Assemblies</li> </ul>
Wednesday 10 April	<ul style="list-style-type: none"> <li>• NSWCHS Swimming</li> <li>• CTHS Athletics Carnival</li> </ul>
Thursday 11 April	<ul style="list-style-type: none"> <li>• CTHS Athletics Carnival (half day)</li> <li>• Prelim Assessment Task - English Standard &amp; Advanced</li> </ul>
Friday 12 April	<ul style="list-style-type: none"> <li>• Prelim Assessment Task - Visual Arts Hand-in Task</li> <li>• Term 1 Ends</li> </ul>
Saturday 13 April	<ul style="list-style-type: none"> <li>• Japan Study Trip Commences</li> </ul>