

Cherrybrook Technology High School

Term 4

Week 8B

6 December 2019

DEPUTY PRINCIPAL'S REPORT



Year 6 into 7 Orientation Day

The brand new Year 7 of 2020 had their first taste of high school during this week's Orientation Day. During the course of Tuesday morning, students and parents were given a briefing on what to expect next year, met key staff and were provided with a very detailed handbook. Students were then given an insight into what they can expect in 2020 when they attended a variety of classes in the company of the Student Executive Leaders.

The new students presented as keen and very eager to start secondary school. My thanks are extended to Ms Howard and her team for the superb organisation of the day.

End-of-Year Award Presentations

As the year draws to a close, there will be a number of ceremonies to celebrate the achievements of our students. These events are scheduled at various times throughout the final weeks and this will have a direct impact on local vehicular access.

Following are the details of our major events next week.

Presentation Night Ceremony - Tuesday 10 December 2019 (7.00pm)

The purpose of this Ceremony is to acknowledge students' academic achievement. The Ceremony also recognises outstanding commitment to a variety of school activities, competitions and the highest level of school awards, the Gold Award.

Parents/Carers of those students receiving awards have been notified in writing by mail and are required to RSVP as this is a reserved seating event.

The names of students who are receiving awards at this Ceremony are on display outside the student window.

Presentation Day Assemblies for Years 7, 8 and 9 - Wednesday 11 December 2019

Each Year group has a one-hour Assembly (during normal school hours) to acknowledge students' commitment to their studies, as well as service to the school community.

Students are able to check if they are receiving an award by viewing the Award Lists on their individual Year group's noticeboard, during the week leading up to the Day Assembly.

Parents/Carers are encouraged to ask their child if they will be receiving an award at this event, as individual notifications are not distributed.

Day Assembly times are as follows:

Year 7:	9am
Year 8:	10.45am
Year 9:	1.20pm

Whilst parents/carers are welcome to attend these Assemblies, there will be no opportunity for parents to interact with students due to time restraints. Students will attend normal classes for the remainder of the day.

Year 10 into 11 Transition Assembly - Thursday 12 December 2019 (9.00am)

The purpose of this Assembly is to acknowledge Year 10 students' commitment to their studies, as well as service to the school community. It is also a time to recognise their transition into the senior school.

Sports Awards Presentation Ceremony - Friday 13 December 2019 (9.30am)

This Ceremony acknowledges sporting performance and achievement throughout the school year. Parents/Carers of those students receiving awards have been notified in writing by mail and are expected to RSVP.

End-of-Year Reports

Semester 2 reports for Years 7, 8 and 9 students will be available for Parents to view from the Parent Portal on Monday 9 December.

Mr Clements

Achieving Together

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

Year 6 into 7 Orientation Day



PNGAusConnect visit to CTHS

In Weeks 5 and 6, Mr Townsend, Mrs Lees and Ms Rochfort along with Tashi Gregg and Kaanchana Sekaran of Year 11, hosted the students and staff from Sogeri National High School as they visited Melbourne and CTHS. The trip was part of the PNGAus Partnership Secondary Schools program which began with the trip to PNG during the October holidays.

The purpose of the trip was to build stronger links with the partnership teams and continue our STEM project, as well as let our PNG friends experience life as a CTHS student. For the teaching staff, we aimed to show them the fantastic staff and facilities at CTHS as well as show a range of subjects and teaching methods. This meant attending three full days of learning at CTHS going to less ons in Science, Mathematics, English, Art, Agriculture, Society and Culture and History to name a few. A huge thank you to all of the CTHS staff who had visitors during the week.

During our extra-curricular program, the team went to Taronga Zoo, an Escape Room, Manly Surf School, a shopping centre, the Cherrybrook Brownies, and the ASEAN Youth Forum at the Opera House. At the youth forum we got to watch teams from all over Australia debate how technology will impact the ASEAN region in the near future. This was a great experience with some truly inspirational young speakers. On Wednesday, the PNG team attended the MADD concert which several of them told us was the highlight of their visit.

While they were here, our PNG team sold billums to help raise money for our STEM project, as well as helping out at the first packing of the welcome packs. Unfortunately, we did not have quite enough supplies to complete our target of 300 packs but the many hands of our Social Justice team made for an easy task.

If you would still like to donate any of the individual items (or a complete Welcome Pack!) please drop donations in the box outside Mr Fisher's office or the English staffroom by Wednesday next week. Financial donations can be made at the front office to the Social Justice team.

Mrs Lees

PNGAusConnect Visit to CTHS



History Extension Excursion

Last week the Year 11/12 History Extension class attended an excursion to the State Library to make a start with their research for their Major Projects. They also had an opportunity to look at some monumental History in Sydney and visit the Anzac Memorial. Thank you to Ms Adamou for supervising on the day and to the students for engaging with the opportunity.

Mr Hartman





Aboriginal Studies - Canberra Tour 2019

The HSC Aboriginal Studies students travelled to Canberra for a fun filled, action packed journey of discovery. Special thanks go to Lisa and John at the Australian Institute of Aboriginal and Torres Strait Islanders Studies, who gave students personalised assistance with each of their HSC research projects for which everyone was grateful. Julie at Reconciliation Australia, further contributed to a deeper understanding of the importance of a RAP to support the teaching of Aboriginal Education in schools.

A special mention has to go to Miss Louise for coming to the rescue with jackets to help us brave the unexpected 9°C. Further thanks go to all of the tour guides and Aboriginal and Torres Strait Islander focus tours we saw at Parliament House, the National Museum of Australia, the National Gallery of Australia, the National Film and Sound Archives and the Australian Botanical Gardens.

At the Australian War Memorial, Paul brought the experiences of Aboriginal Australians and their contribution to the military to life through his passion and detailed knowledge of events. The tour was amazing! All tours contributed to building a deeper understanding of the experiences, stories and perspectives of Aboriginal and Torres Strait Islander peoples. Both Mr Caccamo and Mrs Navarro would like to thank the students in the Aboriginal Studies class for being enthusiastic, interested and for asking a range of great questions of our hosts. Above all thanks for being highly entertaining and making this trip worthwhile.

Mrs Navarro and Mr Caccamo

So how was it for the students?

Exhausting, but well worth it. I learnt so much extra material that we aren't taught in school and should be. The trip was jam packed with places to be. Thank you to our wonderful teachers for making this possible.

> The Canberra trip was amazing. All activities and places visited helped us all in one way or another.

Went in with no expectations & absolutely loved it! I loved getting closer to everyone on the trip, playing Spotto with the undefeatable Mrs Navarro. Enjoyed all activities, so glad to have come along. Thank you both teachers for making what I once thought was a 'boring Canberra' into an interesting city full of history. We'll miss you Mr Caccamo and your wonderful driving. My favourite part was the Art Gallery because the Indigenous section was truly spectacular.

I wasn't expecting the trip to be that interesting, but it really was. It broadened my knowledge and helped me with my major project.

The Aboriginal Studies camp was such a great experience! I learnt many new things as well as expanding my current knowledge. Thank you to Miss Navarro & Mr Caccamo for a sure fun time.



Aboriginal Education Consultative Group Achievement Awards 2019

The annual Met North Regional AECG Achievement Awards 2019 was held on Saturday 9 November at Gawura Aboriginal Learning Centre. These awards recognise the local Aboriginal community for their achievements in education. The celebrations were followed by a community BBQ where people had an opportunity to meet with other members of the Aboriginal community and engage in activities such as basket making.

Congratulations to the following students who were recognised for their commitment to their studies, Tadhg Ashby 11, Aidan Ashby 10, Andrew Holt 10, Leah-Cherie Holt 8, Lara Walker 11, Timothy Walker 9 and Lara Woollett 11.

Mrs Navarro also received an award for her teaching of Aboriginal Studies.

Mrs Navarro



Year 12 Geography visit the Badu Wetlands at Sydney Olympic Park, Homebush

Our Year 12 Geography students undertook a field trip to the Intertidal Wetlands of Homebush Bay on Wednesday. The Wetlands are one of two case studies that we investigate as part of our HSC studies on the topic Ecosystems at Risk. Prior to the Sydney Olympics, when the whole area was rehabilitated, the Homebush Bay area had suffered significant damage from human landuse including the State Brick Works, State Abbatoir, chemical factories at nearby Rhodes and use of the area as a municipal tip and dumping yard for State Rail railway carriages. A range of diagnostic tests were undertaken in the mangroves on the day to ascertain the current health of the mangroves. Students also learnt about the vulnerability and resilience of the ecosystems, the amazing flora and fauna present and assessed the management strategies that have been put in place to ensure the longevity of these ecosystems. A great day was had by all! Thank you to Mr Clements and Mr Keating for their organisation and driving the minibu ses on the day.

Mr Clements



SCHOOL CARPARKS

Boom gates are installed in both school carparks. Parking is available to staff only, between the hours of 7.00am and 4.00pm on school days. Ample street parking is available for visitors to the school.

Year 11/12 Geography - Chowder Bay Excursion

On Thursday 21 November our two Year 11/12 Geography classes undertook an excursion which involved a swim assessment at Blacktown Pool followed by snorkel training at Chowder Bay. As a precursor to our trip to Lady Elliot Island, on the Great Barrier Reef, in April of 2020 all students underwent an assessment of their swimming ability and were then taught the finer skills of snorkelling in an enclosed beach in Sydney Harbour. Each student was required to swim an untimed 200m swim followed by a two minute session of treading water to stay afloat in the deep end of the pool. Following a short minibus trip from Blacktown, a cross the city to Clifton Gardens, students donned their snorkel mask and flippers and braved the elements to learn skills in general snorkelling on the surface then duck diving and swimming underwater for a length of time.

All students successfully completed the training requirements on what was a pleasant day for snorkelling. We look forward to seeing a greater variety of marine life when we snorkel the fringing reefs of Lady Elliot Island next year. A big thanks to Mr Clements, Mr Keating and Mr Caccamo for making the day possible.

Mr Clements



The Future Project Awards Night - Wednesday 27 November 2019

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 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 Quantal Bioscience and Aegros.

The students who participating in The Future Project were Yvonne Hwang, Michael Ross, Alexander Ross and Rohan Agarwal.

Our students worked in teams with other students from both private and public schools. The teams carried out cutting edge research in modern laboratories in The King's School Laboratories supervised by research scientists over the past year.

On Wednesday 27 November our Cherrybrook students attended their final awards night ceremony where their projects were displayed and the students all received awards for completing their projects and producing a scientific research report ready to be published for the general public and the scientific community to read.

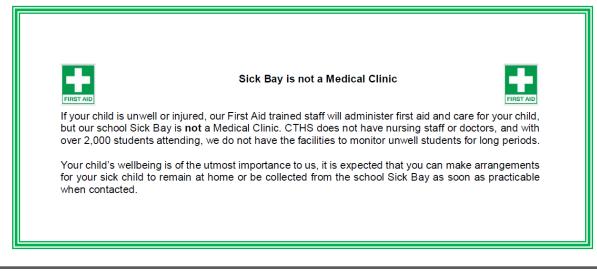
Special congratulations to Yvonne Huang who was voted for a special Excellence in Science Research Award by her research scientist and received a trophy for her efforts over the year.

Thank you to Mrs Somasi for supervising these students over the year.

A final congratulations to these four students for their dedication, perseverance and enthusiasm. They have all made an outstanding effort and made the most out of this incredible opportunity!

Mrs Marina Siratkov HT Science.





An Electron Microscope visits CTHS

During Weeks 6 and $\dot{7}$ of Term 4, our Science students were lucky enough to have access to a Hitachi TM4000Plus Tabletop Electron Microscope that was on loan from Inspire STEM Education for two weeks. This electron microscope uses a tungsten filament heated to about 2500°C to create a beam of electrons in a vacuum chamber. The beam of electrons is shot at a sample and a computer interface renders images at magnifications up to 50,000 times! The magnification is so great that it goes beyond the wavelength of the visible light spectrum, making things that would otherwise be invisible, suddenly observable in brilliant detail. However, most of the samples chosen by the CTHS students didn't need to be quite so magnified, although the detail produced was unparalleled by the regular light microscopes students normally use.

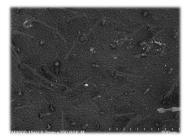
Over 40 senior as well as junior Science classes were able to view and use this amazing piece of technology. The most popular samples to view included various parts of creepy crawlies, the surface of leaves, shark skin, human hair, fabrics and almost anything that could fit on the small 1cm diameter sample tabs. This exercise represents a huge advancement in technology and Science education with teachers who were lucky enough to use electron microscopes in their university days commenting on the significant difference in ease of operation and reduction in size of the unit. Hundreds of images have been captured and saved for later use by CTHS students and staff, not only for Science but also as potentially art projects as the black and white images can be colourised through creative students using computer programs. The following is a small selection of some of the interesting images captured during the fortnight.

Special thanks to Mr LaGinestra for allowing his laboratory G2.11 to be used to demonstrate the Electron Microscope to so many classes!

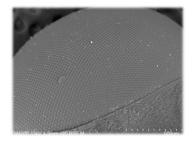
Mr LaGinestra



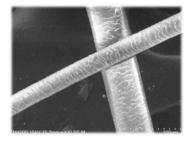
Fly Wing Joint



Geranium Leaf



Fly Eye



Human Hair



Silk Moth

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.

PROCEDURE FOR LATE ARRIVALS

All students arriving to school after 8.40am **must** sign in at the student window where they will be issued with a late note. All late arrivals are required to have a note from their parent/guardian giving reasons for being late. No note results in a detention.

World of Maths

On Friday 22 November, 103 students from Years 7 and 8 and 3 PNG visiting students enjoyed hands on problem solving activities, participating in the World of Maths sessions. Through 17 stations students discovered new ways to think 'outside the square' and develop advanced problem solving strategies. They were kept intrigued and challenged by activities including Match Up, Rebounds and Koala Sanctuary. Many thanks to Mr Singh for organising such a successful day.

Below is a personal refection from Melia Bloch in Year 7 who participated in the day:

On November 22, selected students from Years 7 and 8 gathered in J1.7 to experience the wonders of the World of Maths roadshow. The World of Maths is an interactive mathematics experience run by external experts, with the objective of bringing maths to life through dynamic problem solving activities. Students had a hands on experience with practical questions which required problem solving. Small groups were formed to allow students to collaborate and utilize a team dynamic. At the conclusion, students discussed the answers and the techniques they employed. The World of Maths roadshow certainly lived up to its name, showing practical, real world, mathematical applications. I would like to thank Mr Singh and Ms lacona who organised this for us.

Ms lacona





Stemulate Resmed, Year 8 Girls' Excursion

On Wednesday 4 December, Stemulate Resmed invited seven schools, including twelve Year 8 girls from CTHS, to attend the Girls in STEM event at the Resmed Sydney Campus.

Resmed produce masks which are designed to improve the sleeping conditions suffered by sleep apnea patients. The girls had the opportunity to have a whole site tour of the manufacturing process of their product. Following this, students participated in a competition where they worked collaboratively to complete three challenges. The challenges included creating a motor, constructing electrical circuits to solve a mystery and a rocket launching competition. We are proud to report the success of several of our CTHS girls.

Our girls showed a great interest and passion for STEM and were astonished by how much of an impact STEM skills have on a wide range of professions. There were eye-opening performances and discussions with the girls about possible future pathways which heavily rely on STEM skills. Throughout the day, our students were wonderfully behaved, demonstrating their leadership skills and pride in our school.

Feedbacks from the students was overwhelmingly positive with lots of excited chat about how inspirational and motivational this excursion was. Hopefully it will run again next year and continue to influence our girls to pursue the STEM subjects on offer at CTHS.

Ms Luu, Year 8 Year Advisor



Making History Incursion

On Thursday 5 December the Making History class had our end of year activity, which was a medieval warfare incursion. In the morning students played archery tag on the basketball courts and in the middle session they had a HEMA (Historic European Martial Arts) workshop down on Greenway. Thank you to all students for your participation.

Mr Hartman



Social Justice, Salvation Army Christmas Appeal

Christmas is starting to creep up on us, and we'd love to help as many people as possible to have a joyful Christmas. Once again, the Social Justice Committee are running a Food and Gift Appeal for the Salvation Army, and we need your help!

If you would like to donate some items of food (non-perishable items are ideal) or a gift for a child in need (from young children through to teenagers), please bring these donations to the library.

Alternatively, you can also make a donation of gift cards. Gift cards for gifts or for groceries give those in need the autonomy to purchase the gifts and food they want and need. It's an easy and excellent way to help make Christmas special for everyone.

Our collection will finish on Wednesday, 11 December, so please bring any donations in before then.

Thanks for your ongoing support!

Ms Campbell and the Social Justice team



THE SALVATION ARMY'S Christmas Appeal







Here are some gifts you might like to donate this Christmas.

Activities

Books

Stationery

Science kits

Toy cars

Accessories

Flectsonics

Xbox)

Headphones

Cameras

Netflix gift cards

Puzzles and board games Lego, Meccano, Mega Bloks

Art and craft packs

Music instruments

Jewellery, hair clips, watches

Make-up, perfume, aftershave, nail polish

Backpacks, wallets, handbags

Console games (PlayStation,

Hair dryers, hair straighteners

MP3 players, speakers

Baseball caps

Gilt vouchers

We gratefully accept gift vouchers. They make great presents for teenagers and mean that a parent or guardian who is struggling doesn't miss out on the joy of purchasing a gift for their child. Movie gift cards

- Sporting store gift cards Shopping centre gift cards Electronic store gift cards
- Department store gift cards
- Hardware store gift cards Visa gift cards
- Netflix gift cards
- iTunes gift cards

Outdoor equipment

- Beach towels, sunglasses, body boards
- Netballs, footballs, soccer balls, basketballs, cricket sets
- Skateboards, scooters, helmets Camping equipment
- Bicycles
 - Gym gear, sports towels

Thank you for making Christmas brighter for families in need.

GUIDELINES

SOIDELINES > Please only donate new Items. Sadly, the gift you donate may be the only present someone receives this Christmas. We know Christmas isn't only about receiving gifts, but this is one way we can help families feel special. Your nearest Family Store or Salvos Store will gladly to pre-receive guid pand hailto prereceive your good quality pre-loved gifts.

We gratefully accept gift vouchers. They are ideal gifts for teenagers – and we are always short of gifts for teenagers – and also give a parent who is struggling the joy of purchasing a gift for their child's unique personality and interests.

Please consider older age groups when donating gifts. Every year we are overwhelme with gifts for younger children but always run out of gifts for teenagers and parents.

Please do not wrap gifts. This allows parents the dignity of choosing gifts for their child from among the donations and also gives them the special experience of wrapping gifts for their child. Feel free to include some wrapping paper or a gift rapping paper parents to use





Here are some items you might like to donate this Christmas.

Christmas items shortbread

Snacks (biscuits, chips,

chocolates, lollies)

Table décor (bonbons,

napkins)

Vegetables

Meats or fish

Meal bases

• Pasta and pasta sauces

· Curry and stir-fry sauces

Meal kits (Mexican, Asian

Soups

• Rice

Tinned foods

decorations, tablecloths,

(Ring-pull tins only, please) Fruits in juice

- · Puddings, cakes, mince pies, Cereal • Spreads Long-life cream, custard
 - Savoury biscuits

Other

- · Packet of jelly
- Liquid gravy • Sugar
- Tea. coffee. hot chocolate
- Long-life milk or juices
- Iced tea Baby food

Additional grocery items

- Personal toiletries (soap, shampoo, toothpaste, hairbrush, toilet paper)
- Meals (baked beans, spaghetti) Cleaning products (multipurpose cleaner, dish detergent, washing powder)
 - Baby care (nappies, baby wipes)
 - For further information please get in touch with your regional

Salvos representative.

Thank you for making Christmas brighter for families in need.

GUIDELINES

- Where appropriate please ensure items have long expiry dates and are non-perishable.
- Supermarket gift vouchers make a great addition to food hampers, allowing the recipient to purchase fresh fruit, vegetables and meat at Christmas.
- Think Christmas: people will be receiving these packages as gifts. Buy brand-name products where possible, and include some special items to help people celebrate on Christmas Day.
- Pack your groceries into a washing basket, reusable shopping bag or laundry bucket that can be reused by the recipient.
- Consider providing choices that suit families with young children, people with allergie the elderly or newcomers to Australia.
- Austrana. Please donate all items as early as possible in December, or even in November to ensure that all food hampers and gifts are delivered to families by



YEAR 10 GATS VISUAL ARTS PRESENTS

"A work of art's mysterious power to deeply move a person."

Monday 9th December LOCATION: JI.7 SHARED LEARNING AREA OFFICIAL OPENING: 3PM-5PM AWARDS PRESENTATION: 4:30PM

IT N

CTHS VISUAL ARTS EXHIBITION 2019



Your guide to driving and parking safely near schools

The beginning and end of the school day are busy times for pedestrians and vehicles outside the school. That's why you need to take extra care in 40km/h school zones.

- Park safely and legally, even if it means walking further to the school gate. Parking signs are planned with children's safety in mind.
- Slow down to 40km/h in the school zone and stay aware of crossings.
- Always park and turn legally around the school.
- Never double park as it puts children at risk.
- Manoeuvres such as U-turns and three-point turns are dangerous.
- Never park in a bus zone or in the school bus bay.
- Make sure your children use the Safety Door (rear footpath side door) to get in and out of the car.
- At a supervised crossing, observe the directions of the school crossing supervisor.
- Model safe and considerate behaviour for your child they will learn from you.

Remember to always give way to pedestrians particularly when entering and leaving driveways. Don't park across the school driveway or the entrance to the school car park. It's always a good idea to use the drop off and pick up area suggested by your school. This will help keep all children as safe as possible during the busiest times of the school day.

For more information on keeping our kids safe around schools visit the parents section on safetytown.com.au



Lives lost on NSW roads. Our goal is zero.



TEENS

Yoga 2020



Thursdays 4.30 - 5.30pm

DYNAMIC YOGA | BREATHING MEDITATION | RELAXATION



A non-competitive environment to encourage self-growth, positive self-image, physical & mental relaxation, emotional stability & focus.

DUKE OF ED: 🗸

www.hillsyoga.net.au | info@hillsyoga.net.au 9654 9903 261 Old Northern Road Castle Hill

DAILY ABSENTEE TEXTS

Please be advised, if you receive a text from the school alerting you of your child's absence, you may respond to the text. However, this is a stand-alone process and **ONLY** for the purpose of absentees. **Please DO NOT text the school** unless you receive a message from CTHS and **DO NOT** use this system for any other communication. Thank you

FIRST AID

Please note Cherrybrook Technology High School does not have any medical practitioners on the premises. We provide first aid assistance to students who are unwell or injured. Please be advised the school does not supply any medication, including pain killers, medicated creams, eye drops etc



20 December 2019

5.30-7.30pm Family Festival 7.45pm Carols by Candlelight

West Pennant Hills Public School Oval cnr of Church Street and Cardinal Avenue

Bring the family and join the festive activities! Jumping castle, carnival games, food and drink stalls, glow sticks, coffee cart, live camels, and heaps more!

> For additional information please call 9479 3700 www.stmatts.org.au





CALENDAR - Term 4 Week 9A		
	HSC Assessment Task - Advanced English	
Monday 9 December	Years 7, 8 & 9 Reports available via Parent Portal	
	• Year 10 GATS Exhibition - Visual Arts J1.7	
	HSC Assessment Task - Engineering Studies	
	HSC Assessment Task - Chinese Continuers	
	HSC Assessment Task - French Continuers Task 1	
	HSC Assessment Task - French Beginners	
	HSC Assessment Task - Drama	
Tuesday 10 December	HSC Assessment Task - Advanced English	
	Year 10 Life Ready Enrichment Program	
	HSC Assessment Task - French Beginners	
	HSC Assessment Task - French Continuers	
	HSC Assessment Task - Chemistry	
	CTHS Presentation Night Ceremony - 7pm, MPC	
Wednesday 11 December	Years 7, 8 & 9 Presentation Day Assemblies	
	Year 10 Life Ready Enrichment Program	
	HSC Assessment Task - Geography	
Thursday 12 December	Year 10 into 11 Transition Assembly - p1&2	
	HSC Assessment Task - Chinese Continuers	
Friday 13 December	CTHS Hired School Instruments due for Return	
	HSC Assessment Task - Ancient History	
	Sports Awards Presentation Ceremony	
	Year 11 Public Speaking Competition	
	HSC Assessment Task - EALD English	
	HSC Assessment Task - PDHPE (MPC)	
	HSC Assessment Task - Agriculture	