

NETWORK

CHERRYBROOK TECHNOLOGY HIGH SCHOOL

Term 3

Week 5A

15 August 2014



PRINCIPAL'S REPORT

Planning for 2015 - 2017

On the weekend of 22/23 August the school executive team will be involved in our major planning conference. The aim of the conference is to prepare a draft of the school's next three-year management plan, which will be used as the basis for consultation with parents and students to move the school to 2015 and beyond.

The executive will also catch up on some of Australia's latest educational research, hear from the DEC's Chief Legal Officer, Margaret Baker, on the Law and Cyber Bullying and be given a presentation on leading successful KLAs in the 21st century.

The Australian Curriculum

The next stage of the development of the Australian curriculum and its integration into the NSW BOSTES syllabuses is well and truly underway. The 7 - 10 geography syllabus has now been released for final consultation and our HSIE staff have spent many hours reviewing the document and making comments which will, hopefully help improve the document prior to its release and implementation.

Meanwhile, early consultation has now begun on the senior English, mathematics and science courses. These subjects will incorporate the national curriculum developed by the Federal Government but retain the rigour and depth traditionally associated with the NSW curriculum; a curriculum, which has enormous respect from educators around the world.

Ensuring quality in these areas is absolutely imperative, as these courses will eventually be examined in the HSC and contribute to students' ATARS. Given the need to ensure these courses and the associated assessment are of the highest quality, it is unlikely that implementation will commence before 2017 at the earliest.

Uniform

It was pleasing to see the vast majority of students correctly attired in full school uniform this week. Despite the cold weather it is vital students wear their full uniform. In particular, students should have the correct footwear and pullover.

Parents and students are reminded hooded jackets are **NOT** part of the uniform and students who choose to wear these will be disciplined in accordance with the school's fair discipline code.

New Electronic Sign

After many weeks of waiting our new electronic sign has finally arrived in the country. Hopefully, the sign will be erected and commence operation in the very near future. I am very keen to hear your feedback on this initiative once it is up and operating.

E-diary Survey

A reminder that surveys have been sent to families of all students who have had access to the e-diary this year. In order to help our planning for next year it will be greatly appreciated if you could complete this survey.

Year 12 Major Works and Practical Marking

Last week saw many very nervous Year 12 students in a flurry of activity busily putting the final touches to major works in English, textiles, design and technology, multi-media, industrial technology and society and culture.

The quality of the students' work was just outstanding being creative, innovative and in most cases very professional.

Students also began practical examinations in drama and LOTE and the realisation that this year's HSC was well and truly underway has certainly dawned on them.

Mr Johnson



FOOD TECHNOLOGY

Students in Year 8 have been researching the many different Asian ingredients used in stir fry recipes. They then created their own recipes. However, just like in the Goldilocks story, some used far too much chilli paste, others not nearly enough soy sauce, while others were just perfect!



Year 11 Food Technology students have been learning about nutrition and the importance of the six nutrients in our diet. This week we made Zucchini and Date Muffins and Banana Bread which used All Bran as a main ingredient. Both were excellent examples of high fibre snack foods.

Mrs Lane



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.

JOIN THE CLUB

We run a number of interesting clubs during the week at CTHS for students to play, learn, socialise and relax.

Every Tuesday we have Card and Game Club where we play a variety of card games, Chess and Checkers, board and computer games. Listen out for announcements as there are often special events. Last Tuesday Card Club hosted a Snap tournament which was well attended and extremely successful. The tournament was won by John Quarterman who received the first prize of a bucket of M&M's and a brand new pack of Bicycle playing cards. In Week 5 we introduced the latest addition to our collection of games - Uno Attack.

Every Wednesday is Homework Club for Years 7 - 9. Students can attend for help with homework and/or assignments from any subject area. There are teachers and student helpers to assist students. Students are encouraged to attend regularly, especially if their Semester 1 report indicated not all homework and assignments were being completed on time!

On Thursday afternoon it is Stage 6 Homework Club. We have a regular group of students who attend every week and others who pop in for a bit of help once in a while. The club officially runs from 2.30 - 4pm, although we are often still there long after dark! All are welcome and we will attempt to help with any subject (although Science is not our speciality :)). We offer computers and printing and are happy for students to attend who just wish to work independently in a quiet space.

To round-out the week Fridays is Chill-out Club. Week A's are movie week and Week B's are computers, chats and games. Mr Felton and members of his game club were kind enough to attend in Week 4 and show us how to play some of their games. On movie weeks students relax in bean bags and watch a film on the big screen. Sometimes there is even popcorn!

All clubs take place in D1.3 and are run by Ms Hampe and Ms Deadman. We have an excellent group of helpers and would like to thank Emily Gong, Emma Smalley, Ben Jenkins, Ashton Sowden, Zohar Hussain, Kurtis Stringer and Shayan Lahijanian for all their assistance in helping us ensure the clubs run smoothly.

We look forward to seeing our regulars and any new members at the clubs throughout the rest of this semester.

Ms Hampe and Ms Deadman



SCIENCE UPDATE

ICAS Science Competition Results

One hundred and thirty five students from Cherrybrook Technology High School sat the ICAS (International Competitions and Assessments for Schools) exam in May. This competition tests higher order scientific skills and had over 980,000 entrants overall. Our results were outstanding with 75% of students receiving an award. Distinctions were awarded to 29 students which indicates they achieved a result in the top 10% of their cohort. A special mention to the following students who achieved high distinctions placing them in the top 1% of entrants in their year for this competition: Aaron Kan and Brendan McKee, Year 10, Chris Armstrong and Kevin Xi, Year 11.

Bridge Building Competitions

In recent weeks, Year 8 and 9 science students were involved in the designing, building and testing of bridges to develop their scientific and problem solving skills. This activity proved to be fun and very successful and the winners from each class will represent the school next year in the Aurecon Bridge Competition.

The Aurecon Bridge Competition was held on Tuesday 5 August at the Art Gallery. Our team of talented Year 9 students, Andrew Quattrocchi, Emma Gardner and Thomas Spence, were able to chat to engineers about their design and, whilst their bridge failed under extensive testing, it was an excellent learning experience.

Engineering Challenge

Three teams of Year 11 students were involved in an engineering challenge at the University of NSW on Wednesday 6 August where they successfully carried out three challenges. One of these was designing a building made of straws and polystyrene which would withstand an earthquake. The model was placed on an earthquake simulator made by engineering students from the University. Whilst only two of the fifty buildings survived it was exciting to watch and all competitors learnt from the experience. CTHS students enjoyed the day with our top team placing thirteenth overall out of 50 teams.

Science Olympiad

This week approximately 50 Year 11 students sat the Science Olympiad Competition in physics, chemistry and biology and successful students will have the opportunity to compete overseas. Results will be out early next term.

Science Week 18 - 24 August

This year we are holding a number of activities to celebrate science:

Monday 18 - The Australian Wildlife Company will present an educational display of a number of animals for students including possums, bats, pythons and lizards where students will be able to touch and learn more about our native animals. Tickets are still available from the student window.

Tuesday 19 - Finalists in the Junior School Bridge Building Competition will be tested to choose entrants to represent the school in the Aurecon Bridge Building Competition in 2015.

Thursday 21 - The Macquarie University Model Planetarium will be set up in the MPC. The night sky will be simulated and students will take a virtual tour through the solar system. Tickets for this event are sold out.

Mrs Gibbs



Mathematics KLA Report

Early in Term 2, 128 Stage 4 and 5 students competed in the Maths Challenge Competition run by the Australian Mathematics Trust of the University of Canberra. Congratulations to all students who participated and completed the six 'challenging' competition problems. We are pleased to announce the students of CTHS achieved six high distinctions, eleven distinctions and 37 credits. The following students are to be congratulated for achieving high distinctions and first place in their respective year groups:

- Year 8 - Rebecca Mckee and Senuwani Perera (equal first)
- Year 9 - Brinda Kumar
- Year 10 - Brendan McKee

Certificates will be presented at the next school assembly. Thank you to Mrs Sing for coordinating the Mathematics Challenge Stage Competition.

Sixty one students are also participating in the Enrichment Stage Program run by the Australian Mathematics Trust. They are required to attend an early morning lesson every week during Terms 2 and 3 and learn mathematical concepts and methods in addition to the content of their regular school based courses. They submit solutions to sophisticated problems based on this new content. We acknowledge their dedication and encourage them to continue their commitment over the cold winter months. Thank you to the following staff, Mrs Sing (Euler - Year 8), Mrs Sinclair (Gauss - Year 9) and Mr Lee (Noether - Year 10), for their dedication and teaching of this gifted and talented program.

Three teams, consisting of 30 Year 7 and 60 Year 8 students, are currently competing in the Australian Problem Solving Mathematical Olympiad (APSMO) for high school students. The CTHS P&C annually contribute the competition fees for the teams in this competition. We thank you for your support. The competition consists of five rounds of problem solving completed under test conditions and supervised by CTHS staff. Students are selected for these teams based on their proven ability to work mathematically and solve challenging problems. Thank you to Mrs Tolhurst for her ongoing commitment to organising and running this competition. Mrs Tolhurst also runs Maths Club for the Year 7 team during lunch on Thursdays each week. The Year 7 team learn new problem solving skills and discuss solutions to past papers. Awards for this competition are presented at the Year 7 and 8 assemblies held during Term 4.

On Thursday 7 August 2014, 403 students from CTHS competed in the Australian Mathematics Competition. Thank you to Mr Knox for his organisation on the day and the many hours spent in the administration process prior to the competition. We look forward to the results later this term.

Mr Woo, Head Teacher Mathematics

HSC Visual Arts Exhibition

Cherrybrook Technology
High School's Annual Art
Exhibition 2014

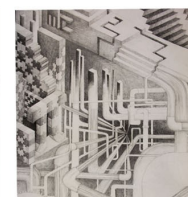
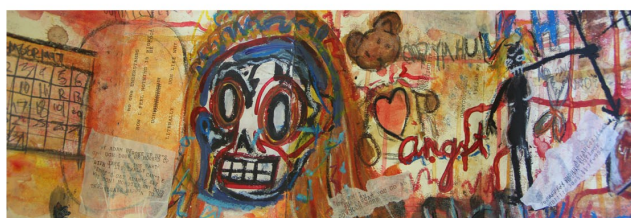
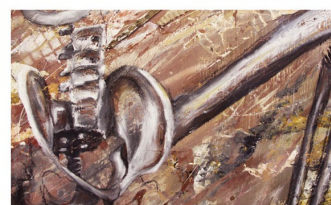
Open Wednesday 27th 3 - 7.30pm
Thursday 28th August 2014
9am - 7pm

**Official opening in the MPC at 6pm on
Wednesday 27th August
Presentation of Visual Arts Awards
at 6.30pm**

Music 2 Performance night on 27th August at 7pm in C2.1
Music 1 Performance night on 28th August at 7pm in C2.1



28-44 Purchase Rd Cherrybrook NSW, 2126
Telephone: 02 9484 2144



Year 11 Geography check-out the Smells of Nature!

Last Friday Year 11 geography students completed their study of human impacts on our river catchments by visiting the Rouse Hill Water Recycling Plant. The excursion started well with a demonstration of our catchment using a working model. We simulated human actions and looked at how they impact the quality of the water which makes its way into our rivers. An interesting experiment undertaken during this presentation showed the issues Sydney Water face as a result of people throwing tissues, face wipes or toilet wipes down the toilet. All of these failed to disintegrate in a jar of water. This was followed by an actual inspection of the sewage treatment plant in the High Vis tops. To say the students were taken aback by the slight odour was an understatement.

The day finished off with a visit to Annagrove Park where students undertook biodiversity studies of the local park and set up wildlife cameras. The footage captured on the cameras can be found on the following link <https://www.youtube.com/watch?v=mcixPzxC-bl> Needless to say we captured lots of mammalian activity but very little of it was the furry kind!

A great day was had by all and it made us think about our actions and the consequences of them for our river systems.

Mr Clements



CLOTHING POOL

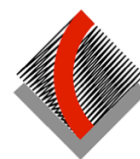
CHERRYBROOK TECHNOLOGY HIGH SCHOOL UNIFORMS

If you would like to purchase second-hand Cherrybrook Technology High School uniforms, First Cherrybrook Scout Group operates a clothing pool for your convenience.

First Cherrybrook Scout Group clothing pool operates through the kind donations of Cherrybrook Technology High School families. All donations of CTHS uniforms will be happily accepted. Please contact Anthony on 0427 661 689 to arrange a drop-off.



Opening Times:
First Thursday of each month
during school terms
between **6:15pm & 7pm**
First Cherrybrook Scout Hall
Appletree Drive, Cherrybrook



CAREERS UPDATE

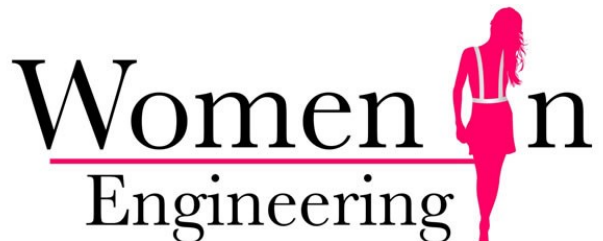
Bridges to Higher Education: University Visits for Parents

Macquarie University: Thursday 4 September, 10.00am - 2.00pm
University of Technology Sydney: Wednesday 10 September, 10.00am - 2.00pm
University of Western Sydney: Friday 17 October, 10.00am - 2.00pm

Bridges to Higher Education is an initiative which aims to improve participation rates of students from communities under-represented in higher education. Bridges has organised university visits for parents whose children may be interested in attending university. http://bridges.nsw.edu.au/news/bridges_events

Women in Engineering Camp 2015

Monday 12 - Friday 16 January 2015. Applications are now open and will close Saturday 27 September 2014. The Women in Engineering Camp sees 20-25 exceptional female senior students, from high schools across Australia, immerse in a five-day program at UNSW. The students work with each other and with mentors, including current students and academics, on assignments which showcase the diversity of engineering disciplines and applications. Students will participate in a number of networking events and site visits including Qantas, the ABC headquarters, NSW Parliament and participate in a Harbour Bridge Climb. <http://www.engineering.unsw.edu.au/wiec>



A Career as a Veterinarian

This website gives an overview of the career of a veterinarian and the salary range a new graduate might expect to receive. The site also provides a list of Australian universities which facilitate the Bachelor of Veterinary Science.

<http://essendonvet.com.au/career-veterinarian>



Defence Work Experience Program

The Defence Work Experience Program provides young Australians interested in Defence as a future career, with the opportunity to sample life in Defence and learn more about the Australian Defence Force (ADF) and the Australian Public Service (APS).

To view available placements, visit the website:

<https://defencecareers.nga.net.au/cp/workexperience>

Mrs Ferguson and Mrs Bower

Communicating with Children & Teenagers

What works well

On the 22nd of August qualified counsellor Melissa Adams will be presenting a talk on how to communicate with your children, and teenagers.

Melissa works for Crossroads Counselling and loves helping children, adolescents and parents navigate difficult stages of life. Whether you struggle to communicate with your children, or you have a great relationship with them, you will benefit from Melissa's advice and experience.

Date and time: 22 August 7-9pm
Location: Cherrybrook Community Centre
Cost: Free

This event is being run by Cherrybrook Anglican Church for all parents in our local community

For more details contact Dan Butler on 0402 284 434 or danbutlercac@gmail.com



The Twentieth Annual
Year 12 Careers Night
Pathways to University

Wednesday 20th August 2014

for Students Attending

<i>Asquith Boys High</i>	<i>Galston High</i>
<i>Castle Hill High</i>	<i>Northholm Grammar</i>
<i>Cherrybrook Technology High</i>	<i>Oakhill College</i>
<i>Epping Boys High</i>	<i>Pennant Hills High</i>

and their Parents

**Multi Purpose Centre
Cherrybrook Technology High School
Purchase Road
Cherrybrook
Commencing at 5:30pm**



CANTEEN ONLINE ORDERING

A reminder to parents you are able to order your child's lunch online. This is a great service as it replaces paper bag orders, you can pre-pay online so no cash required, it's faster and more accurate and you can order in the morning or even a week in advance. Below is a flyer with all the necessary instructions.

SAVE TIME, ORDER ONLINE!

We now have a great new online system to make the ordering of lunches easier and more convenient.

- **Order at a time convenient to you**
In the morning, night before, or weeks in advance!
- **No searching for cash required**
It's already paid online!
- **Teach students healthy eating in a fun way**
- **Order from home or work**



It's So Easy!

- 1) Go to www.flexischools.com.au
- 2) Click "Register Now" to create account
- 3) Top-up your balance
- 4) Start ordering immediately

To View a Demonstration

Go to the www.flexischools.com.au website and in the "Find Your School" box, enter a few letters from our school name and click the name when it appears below.



What Does it Cost?

The online menu is the **same price** as the usual menu. However, there is a small fee for the online orders to help pay for the labels and the website system. So why not order your next lunch online!

How Does It Work?

Go to www.flexischools.com.au and click "Register Now" in the Login Box. Then enter your student's name, school and class, and add funds (say \$50) into a pre-paid account. **You can log into the website at any time** to place orders, typically up until just before school starts. As purchases are made, the funds are taken from your pre-paid account. The account can be topped up again in the same way, or set to automatically top-up via credit card when the balance falls below a pre-set minimum. Each order is sent automatically to the kitchen, where an easy-to-read label is produced with the student's name, class and order details. At lunch time, students can simply pick up their order without the need for cash.

What Payment Methods Can I Use?

FlexiSchools accepts payment via Visa, Mastercard, Payclick and Bank Transfer. To perform a bank transfer to your FlexiSchools account, click 'Topup Account' when logged into the FlexiSchools website and select 'Bank Transfer'; you will be given your unique EFT code. You can then make a transfer via your bank's internet facility or at your branch.



Canteen Volunteers Urgently Required!

This is a great opportunity to be involved in the school. If you have one day per month, or per term, you can spare to come and help us, it would be very much appreciated. No experience required. Come and join us for a fun day. Morning tea and lunch provided.

Please email the school on cherrybrok-h.school@det.nsw.edu.au

WEEKLY SPORTS REPORT



Congratulations to...

Jordan Rene, Year 11, who has represented AFL at many levels, playing representative for the Starz (NSW), NSW Giants, Swans and Giants Academy North Sydney and North West.

Recently Jordan was in Melbourne playing in the National All-Age Schoolboys Competition and represented NSW GWS Giants. Jordan was named *Most Valuable Player*. The carnival was centred around men with disabilities.

Jordan was head-hunted by Giants coaches who were so impressed by him they offered him a job once he finishes school, coaching and helping with the disability program. Jordan said he felt very humbled to be selected.

Jordan's advice for other kids is, "By hard work and the love of the game, you can keep pushing yourself to a higher level but most importantly, enjoy it. Embrace representative footy and become determined to make coaches proud and to make your team successful. To enjoy the game is paramount. Always ask for feedback and take on board what your coaches say to become a better footballer. In my experience what has worked for me is to believe that I can do anything on the field if I just put the hard yards in. I have also experienced pressure and setback which has made me a better footballer".

Congratulations to Jordan on his outstanding achievements. We look forward to seeing him on the field in the near future.

Grade Sport Results

Congratulations to the following grade sport finalist winners:

Boys:

AFL A team and volleyball B

Girls:

Hockey A, netball B, netball 9/10 B

Mixed:

Badminton

Well done to the teams who were closely defeated in the final games.

Good luck to everyone trying out for spring grade sport.

Chloe James and Zoe Anstee, Sports Promotion Officers



Zoe Anstee



Chloe James

FREE WORKSHOP
with Paul Dillon

Author, education consultant and social commentator.
Founder – Drug, Alcohol Research and Training Australia.

Teenagers, Alcohol & Drugs

What you need to know, and what to do.



Principals, Teachers,
Community Workers and
Parents – this is a must attend!

You need the most up-to-date
information on alcohol and other
drugs to help protect your children.

Paul Dillon conducts information sessions and workshops for school students around the world. He is the author of the best seller, "Teenagers, Alcohol and Drugs" and is a TV regular on Sunrise, Today and The Project.

The half day workshop will also feature members of the Wake Up Foundation, an organisation run by young people encouraging the reevaluation of attitudes towards a night out.

They are passionate about inspiring young people to make the right choices and stay safe.

Facts • Trends • Issues • Empowerment

9:00 am-12:00 noon Friday 22nd August 2014
Castle Grand, 1-7 Castle St Castle Hill
RSVP to natalie.paoli@2realise.org.au or 02 9639 7999

Special thanks to The Hills Shire Council
This initiative has been brought to you by 2realise, Wesley Family Centre The Hills, MTC Australia and Castle Hill Police.







DIARY – Term 3 Week 6B	
Monday 18 August	<ul style="list-style-type: none"> • Australian Wildlife Show • Yr 9 Assembly - Camp Information • Yr 11 Food Technology - Nutrition Task Written
Tuesday 19 August	<ul style="list-style-type: none"> • Yr 12 AP4 Exams End • Yr 10 Youth & Road Trauma Forum • Yr 11 Business Studies Excursion to Taronga Zoo • Yr 8 & 9 Bridge & Tower Building Finals • Yr 12 Drama HSC Exam
Wednesday 20 August	<ul style="list-style-type: none"> • Yr 10 Mathematics Assess Task • Aust Problem Solving Maths Olympiad - 90 Stage 4 Students • Yr 11 Economics Short Answer Task • CTHS Yr 12 Careers Night - MPC • SRC Mufti Day • Yr 11 Food Technology - Nutrition Practical Task
Thursday 21 August	<ul style="list-style-type: none"> • Yr 12 Industrial Technology HSC Marking • Macquarie University Planetarium
Friday 22 August	<ul style="list-style-type: none"> • Yr 11 Society & Culture Research Task Due • Yr 7 Mathematics Assess Task • Morrisby Careers Testing • Yr 12 Visual Arts BOW hand-in Task