

DEPUTY PRINCIPAL'S REPORT



Uniform Blitz

On Tuesday, Mr Edinborough and the Deputy Principals conducted a uniform blitz. I am pleased to say for the most part, the majority of students were beautifully attired in full summer school uniform and looked fantastic. Problem areas appeared in the wearing of the correct socks and shoes and for the senior boys, the correct style of trousers.

As a reminder, boys are required to wear grey socks with the CTHS stripes and girls, white ankle socks (no sockettes). All students are required to wear **black leather business style school shoes**. With regard to the senior boys' trousers, **black business trousers** are expected to be worn, **no** jeans, cargo pants or pants with cuffs.

HSC Continues

Week 4 of the HSC continued this week, with major exams in terms of candidature, including Mathematics Extension 1, Legal Studies, Economics and Chemistry, being examined. Feedback from students and staff on the exams was extremely positive indicating their straight forward nature. There isn't long to go now with written exams finishing up next week on Tuesday 12 November. Students who have finished, have taken the opportunity to come into school, return textbooks owing and officially sign out of school. For those students still to complete exams we encourage them to stay motivated and try their very best to the very end.

Virtual Private Network (VPN) usage at School

This week I have had to speak to a number of Year 7 students who were witnessed using a VPN program to access sites and games, which are normally blocked, on their BYOD computers. VPNs are not illegal and are readily available to computer users. The problem exists when students use these during school time to access sites which are blocked by the DoE Portal due to them being deemed of no educational value and/or posing a risk to students' health and wellbeing.

Once enrolled at the school, students and their parents/carers, are required to sign the CTHS *Bring Your Own Device User Charter*, prior to having their electronic device connected to the DoE/school's wifi network. This Charter clearly states, "**Students must not participate in, or circulate content which attempts to undermine, hack into and/or bypass the hardware and software security mechanisms which are in place.**"

We ask parents to please talk to their children about the electronic device they bring to school. If they have a VPN installed on their device for the purpose of accessing blocked content via the DoE/school's wifi network, during school hours, they can expect to be disciplined for it.

Upcoming Events

Year 11 Presentation Day Assembly

Next Friday, 15 November will be the Year 11 Presentation Day Assembly. This Assembly presents an opportunity to congratulate many of our students on their outstanding progress and contribution to the school over the past three terms.

As in past years, the highest academic awards will be presented at our annual Presentation Night Ceremony on Tuesday 10 December.

Final P&C Meeting 2019

A reminder to all parents, our final P&C Meeting for 2019 will take place on Tuesday 19 November in the staff common room commencing at 7.30pm.

The events of the evening will be discussed in more detail in next week's *Network*. However, parents are certainly welcomed and encouraged to attend.

Trends in International Mathematics and Science Study (TIMSS) Results

TIMSS is a large scale, highly regarded, international study of Mathematics and Science performances for students in Years 4 and 8. This exam takes place every four years. In 2018 and 2019, approximately 500,000 students from over 60 countries took part in TIMSS. CTHS was asked to participate and, consequently, had 53 Year 8 students participate during 2018.

Achieving Together

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

Address: 28-44 Purchase Road, Cherrybrook NSW 2126
Phone: 9484 2144
Web: <https://cths.nsw.edu.au>
Email: cths@cths.nsw.edu.au

TIMSS looks at how well Year 4 and Year 8 students have mastered the factual and procedural knowledge taught in the school Mathematics and Science curricula.

I have included the results from the School Profile for CTHS, provided to us by TIMSS. They both indicate the average performance of participating CTHS students is significantly above all Australian students who participated (see comparison between arrows).

The following graphs show a strong contingent of students in the top 25% of all Australian students, who participated in both Mathematics and Science. We are extremely pleased with these results and look forward to the ongoing efforts and successes of the Year 8 2018 cohort playing out as they move through their school years.

Mr Clements

VALID 8 Exam

During Week 4 this term, all Year 8 Science students sat for the Validation of Assessment for Learning and Individual Development (VALID) program test. VALID will assist schools to monitor student achievement and inform planning, programming and assessment in Science.

The online format of the VALID assessment has been shown to:

- Better engage students by being interactive and using multimedia
- Improve access to the test for all students by providing audio and making computer adaptations available for students who regularly use these in class
- Make assessment more relevant to the learning experiences of students
- Provide the test and its results more efficiently.

All students completing a VALID 8 test will receive a comprehensive printed individual student report. The results for VALID 8 will be mailed out to parents early in 2020.

Mrs Siratkov, Head Teacher Science



Results derived from the TIMSS Assessment Booklets

Students answered a pen-and-paper assessment booklet in their schools. The assessment booklets included items on both mathematics and science. Each assessment booklet used a different combination of questions.

Results comparing the achievement of participating students in your school to the performance of all Australian students that participated in TIMSS 2019 are provided below.

How to read the results

The column below shows how all assessed students have been ranked into different percentage groups.

Lower scores are represented at the bottom of the column and then increase to the higher scores at the top of the column.

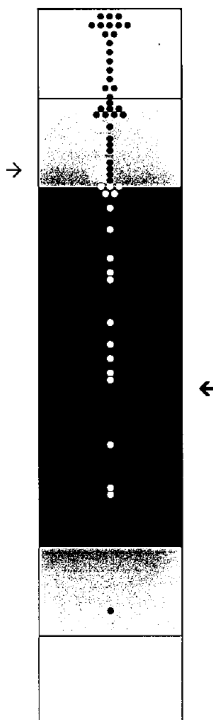
- This arrow on the left hand side of the column indicates the average performance of the students in your school that participated in TIMSS.
- ← This arrow on the right hand side of the column indicates the average performance of all Australian students that participated in TIMSS.
- This symbol represents one student.

School Profile for Cherrybrook Technology High School

School Profile for Cherrybrook Technology High School

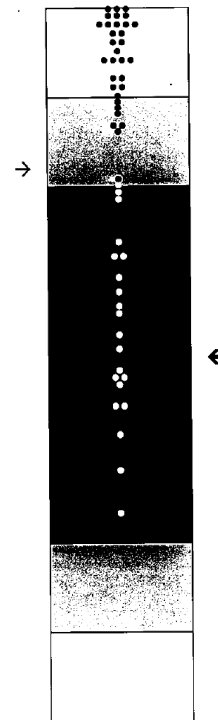
Science

In TIMSS, the science assessment covered subject matter from the domains of Biology, Chemistry; Physics; and Earth Science. In addition, the assessment investigated the thinking process areas of Knowing, Applying, and Reasoning.



Mathematics

In TIMSS, the mathematics assessment covered subject matter from the domains of Number; Geometry; Algebra; and Data and Probability. In addition, the assessment investigated the thinking process areas of Knowing, Applying, and Reasoning.



Oakhill Drive Public School Family Fun Day

On Sunday afternoon, 3 November, the Music Ensembles brought some delightful sounds to Oakhill Drive Public School's Family Fun Day. Commencing with an upbeat performance by the Percussion Ensemble which had everyone's toes tapping. Second up was a performance by a small Big Band group, including lots of skilful improvisation, followed by the smooth sounds of the Guitar Ensemble, with the beautiful voice of Tanmaya Munnolli and guest tenor sax soloist, Joe Prendergast.

The afternoon concluded with the ever entertaining Big Band, featuring a selection of numbers including swing, funk and the crooning classic, *Come Fly with Me*, with Charlie Tchetchenian on vocals.

All performances were very well received by the audience, with many clapping and tapping along. The success of today's entertainment would not have been possible without our wonderful Ensemble Directors, enthusiastic students and of course, the tireless support of the parents. A massive thank you to all involved!

Ms Jaeger, Music Ensembles Supervisor



Geography Trivia Challenge

On Thursday 31 October, twelve students from 8T travelled to St Mary's Memorial Hall to participate in the WESSSTA Geography Trivia Challenge. Once we arrived at the hall, we split into two teams; the Green team and the Gold team. The day started with a true or false round, where we were given statements about various facts of Australian Geography and had to determine whether they were right or wrong. Then we received a sheet, consisting of ten rounds of Geography trivia questions. Some were basic facts like flags, landforms, airlines and vocabulary, while others were slightly more advanced, asking the outlying option among three geographic locations, the relative direction between two countries, what country specific animals belonged to and which country corresponded to the given pictures of land. Although many of the questions were challenging, we worked hard together to make the best of our efforts.

The Geography Trivia excursion was an opportunity for both learning and having fun in a competitive, but enjoyable environment. Through this excursion, I not only learnt more about Geography, but also had fun trying to work out the answers to questions I did not previously know. Admittedly, we were not the highest achievers in the challenge, but the experience went beyond the scores or winning.

This excursion made me more attracted to Geography and really encouraged me to study the subject, not only inside the school curriculum, but also the trivia and fun facts I found so interesting. Thank you Mr Keating for organising this great learning opportunity for us.

Laura Chae 8T

Cherrybrook Technology High School Bands

Present

FRIENDS OF

Inala

Celebrating Individuality
create • connect • grow

Charity Concert



Featuring:
Parramatta City Band



All Enquires- Steven O'Brien :
0438 564 902

3:30PM

16 November 2019

CTHS MCP

28/44 Purchase Road,
Cherrybrook

Entry Fee:
\$5

All proceeds go to (Inala)

Careers Update

Careers in Aviation Excursion to Bankstown Airport

On Monday 4 November, interested Year 10 and 11 students attended an aviation excursion to the Sydney Flight College at Bankstown Airport. The excursion was an outstanding insight into the training and career pathway for a pilot. A Diploma of Aviation can provide a fast tracked, attractive alternative to a traditional Aviation Degree, with very similar outcomes. Students were most impressed with the informative presentations, the opportunity to experience a flight simulator and to go on board various aircraft including a specialised exclusive light plane.

Excursions like these provide our students with invaluable opportunities to be exposed to real life learning and exploration of career pathways. Students are able to ask questions first hand of those working in the industry and get a taste for a potential future in the field. CTHS's Career Advisers regularly organise excursions and open days to varied industries, workplaces and tertiary institutions. Students are notified of dates and opportunities via the Daily News.

Mrs Key



jazz at the pines
2019-20
12.30pm - 4pm
Roughley House at The Pines
656a Old Northern Rd, Dural

2019	15 September.....	Mike Hallam Hot Six
	20 October.....	Bridge City Jazz Band
	17 November.....	Carolyn Packer's Stompin' Rhythm Aces
2020	16 February.....	Geoff Power Jazz Band
	15 March.....	Greg Poppleton Jazz Band
	19 April.....	Riverside Jazz Band
	17 May.....	Zenith Jazz Sextet

Bookings: www.jazzatthepines.org.au

\$22 ADULTS \$18 CONCESSION \$45 FAMILY



Relax With Live Jazz

and bring a picnic lunch to enjoy under the majestic pines of historic Roughley House.

Free tours of historic Roughley House (circa 1856).

Afternoon tea available.

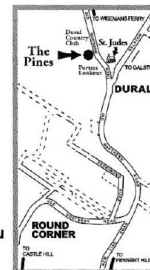
Bookings
Web: www.jazzatthepines.org.au

Phone: 02 9651 4411

Email: info@jazzatthepines.org.au

Tickets available at gates.

Entry opens at 11:30am



Proudly Supported by **THE HILLS** Sydney's Garden Shire



A project of The Rotary Club of The Hills-Kellyville Inc.

Dural Visitor Information Centre, Roughley House and The Pines. 656a Old Northern Road, Dural.

Sports Report

Hey CTHS, this is your Sports Vice Captains, Kelly Chapman and Tarryn Galt, for this week's Sports Report!

Annual School Swimming Carnival

Last week CTHS held its annual Swimming Carnival to decide qualifiers for the 2020 Zone Carnival. It was a great day full of school spirit and participation from all students. The day was themed 'under the sea', which came to life, with all our Year 12s celebrating their last Swimming Carnival as high school students. Congratulations to the winning house, Charles, who ended up with a combined score of 635 points, followed by Harrison with 625, Stickland 552 and Taylor 516. Amazing effort from all Charles' students!

Our Age Champions are as follows:

- | | | |
|--------------------|--------------------|----------|
| • 14 years Girls: | Jasmine Patankar | Charles |
| • 14 years Boys: | Keven Tee | Harrison |
| • 15 years Girls: | Pearl Rorani | Taylor |
| • 15 years Boys: | Daniel De Sacadura | Harrison |
| • 16 years Girls: | Naomi Wong | Charles |
| • 16 years Boys: | Marius Boll | Charles |
| • 17+ years Girls: | Maddison Stalley | Taylor |
| • 17+ years Boys: | Andrew Koh | Charles |



A big congratulations to Maddison Stalley, who broke the Girls' 17+ 50 meter Breaststroke record. The previous record sat at 37.52 seconds from 2007. The new record now sits at 37.36 seconds. Good job Maddison!!

The CTHS Sports Executive would like to extend our thanks to Miss Morgan and Mr O'Connor, who organised the day and oversaw its smooth running. Thank you to all the student helpers who volunteered their time; please visit Miss Morgan in the PE staffroom to collect your School Hours or Stage Award.

Grade Sport

Our spring season of grade sport for 2019 is coming to a close! With semi-finals happening this week on Thursday, we wish all CTHS students, competing for the finals, the best of luck!

Congratulations to all teams in the semi-finals; they are as followed:

- Boys' Basketball 15's
- Boys' Speedway A's
- Boys' Speedway 9/10's
- Girls' Touch A's
- Girls' Handball A's
- Girls' Speedway A's
- Girls' Speedway 9/10's
- Mixed Badminton
- Mixed Table Tennis
- Mixed Volleyball B's
- Mixed Netball A's
- Mixed Netball U15's
- Mixed Basketball A
- Mixed Basketball B



Kelly Chapman and Tarryn Galt, Sports Vice Captains



School Travel Advice

For trip planning visit www.transportnsw.info or call 131 500.

For current Hillsbus school and route services visit www.cdcbus.com.au or call 02 8889 7000.

Conditions of Carriage: Students must have a valid Opal card and must tap on and off every trip. Further details about the SSTS are available at: www.transportnsw.info

Key: L> Bus turns left; R> Bus turns right

CHERRYBROOK TECHNOLOGY HS

Bell Times

Effective 18/11/2019

Morning: 08:30

Afternoon: 15:00

MORNING BUSES

Route	Time	Bus Route
639	07:08	EX NEICH RD BEFORE BOUNDARY RD via Pitt Town, R>Kenthurst (07:23), R>Old Northern, Oakhill College (07:40). Transfer to Route 3140 due 07:55 (see below)
3160	07:10	EX OLD PITT TOWN & TERRY RDS via Old Pitt Town, L>Nelson to Blind, return Blind, Nelson, Mason, L>Terry, L>Alan, L>Windsor, L>Nelson, L>Hynds, R>Nelson & Edwards Bus Bay 07:23, L>Nelson, Edwards, L>Annangrove, R>Kenthurst, R>Old Northern, (Round Corner 07:45), Old Northern, Oakhill College 07:55. Transfer to Route 3140 (see below).
603	07:12	EX KELLYVILLE STATION via Samantha Riley, L>Glenhaven, R>Mills, L>Carinda, L>Glenhaven, R>Old Glenhaven, L>Glenhaven R>Evans, L>Grange, R>Greenbank, via Greenbank Loop, R>Linksley, R>Ridgecrop, L>Gilbert, R>Old Northern to Oakhill College (07:55). Transfer to Route 3140 due 08:00 (see below)
3106	07:14	EX BETTINGTON & PENNANT HILLS via Bettington, Statham, R>North Rocks, L>Oakes, L>Aiken, R>Taylor, L>Highs, Blacks to Blacks Rd Terminus (07:34), return via Blacks, Highs, then L>Highs, L>Castle Hill, R>Old Northern, R>Oakhill College Bus Bay (07:47). Transfer to Route 3140 due 08:00 (see above)
637	07:15	EX GLENORIE SHOPS via Old Northern, Round Corner (07:34), Old Northern, Oakhill College (07:43). Transfer to Route 3140 due 08:00 (see below)
3103	07:17	EX CADWELLS RD via Porters to Kenthurst Rd opp Pitt Town Rd. Transfer to Route 639 (see above)
638	07:27	EX BEROWRA WATERS via Bay, Arcadia, R>Galston, Galston HS 07:58. Transfer to Route 2037 (see below)
3140	07:30	EX NEW LINE RD & VICTORIA RD New Line, R>Cedarwood, L>Boundary, R> Francis Greenway, R>Macquarie, R>Shepherds, L>Purchase, R>New Line, L>Hastings, L>Old Northern, Oakhill College (arr 07:55) L>Old Northern, L>Castle Hill, L>County, L>Treetops, R>David, (Oakhill Shops 08:10) return David, L>Woodgrove, L>County, L>New Line, R>Purchase turnaround 2nd Hancock and return Purchase to school
2037	07:31	EX GLENORIE, OLD NORTHERN AFTER TIMARU via Old Northern, L>Middle Dural, L>Galston, (Galston HS 07:58), (Dural PO 08:04), Old Northern, New Line to Purchase
626	07:34	EX CASTLE HILL INTERCHANGE STAND A via Route 626 to school
3107	07:54	EX DAVID RD OPPOSITE MILFORD DR via David, R>Woodgrove, L>County Dr, L>New Line, R>Purchase, to 2nd Hancock roundabout, return Purchase to school
3108	07:55	EX PENNANT HILLS STATION YARRARA RD via Yarrara, R>Pennant Hills Rd, R>Boundary, R>New Line to opposite Purchase Rd

AFTERNOON BUSES		
Route	Time	Bus Route
3500	15:05	TO GALSTON HS via Purchase, L>New Line, R>County, R>Woodgrove, R>David, (Oakhill Shops 15:15), David, L>New Line, R>Old Northern, R>Galston to Galston HS
3501	15:05	TO OAKHILL COLLEGE via Purchase L>New Line, R>County, R>Woodgrove, R>David, Oakhill Shops (15:15), return David, L>Treetops, R>County, R>Castle Hill, R>Old Northern, Oakhill College (15:34)
3567	15:05	TO WEST PENNANT HILLS & BEECROFT via Purchase, L>New Line, R>Castle Hill, L>Highs, R>Highs, Blacks, (Blacks Rd Terminus 15:27), return Blacks, Highs, R>Taylor, L>Aiken, R>Pennant Hills, L>Copeland, L>Cardinal, L>Hannah, R>Wongala to Beecroft
3554	15:06	TO GALSTON HS AND GLENORIE via Purchase, R>New Line, R>Old Northern, R>Galston, (Galston HS 15:26). Transfer to; Route 3564 due 15:30 (see below) Route 3524 due 15:30 (see below) Then via L>Galston, R>Old Northern, R>Cairnes, L>Tecoma, (Glenorie PS 15:46), Tecoma, L>Timaru, R>Old Northern, R>Canoelands, 16:02, return Canoelands, R>Old Northern, Maroota PS 16:11, Old Northern & Laughtondale Gulley Rd
2626	15:09	TO PENNANT HILLS STATION via Purchase, turnaround 1 st Hancock and return Purchase, R>Shepherds, L>Macquarie, L>Francis Greenway, L>Boundary, L>Pennant Hills, L>Railway to Pennant Hills Station, return Railway, The Crescent, Britannia, L>Kurrajong, Blackbutt to Kurrajong
626	15:12	EX PURCHASE OPP FOREST GLEN via Purchase, R>Shepherds, L>Kenburn, L>Macquarie, R>Francis Greenway, R>Boundary, L>New Line, L>Victoria, R>Boundary, L>Pennant Hills, L>Railway to Pennant Hills Station
3550	15:17	TO OAKHILL COLLEGE, ROUND CORNER AND ANNANGROVE via Purchase, L>New Line, R>County, R>Woodgrove, R>David to Oakhill Shops (15:27), return David, R>ARV, R>Old Northern to opposite Oakhill College (15:38). Transfer to Route 3506 (see below), Then via R>Old Northern, Round Corner 15:46, Old Northern, L>Kenthurst, R>Hills Grammar, R>Kenthurst, L>Annangrove, R>Edwards, L>Nelson, R>Hynds, Bus Bay 16:20, L>Nelson, R>Nelson, R>Blind to Burrawang
3534	15:21	TO NORTH ROCKS via Purchase L>New Line, R>County, R>Woodgrove, R>David, Oakhill Dr PS (15:31), Oakhill Dr, L>David, James Henty, R>Jenner, R>Thomas Wilkinson, L>James Henty, R>New Line, L>Hastings, L>Old Northern Rd to Oakhill College (15:46), Old Northern, L>Castle Hill, R>Pennant Hills, R>North Rocks, L>Statham, Bettington to Windsor Ave
3524	15:30	EX GALSTON HS via Galston, L>Arcadia, Galston PS 15:35, Arcadia, Arcadia PS 15:43, Arcadia, Bay, L>Venner, L>Chillcott Rd 15:53, L>Bay to Berowra Waters (15:59), return Bay, Arcadia, R>Galston, R>Mid Dural to Old Northern Rd.
3564	15:30	EX GALSTON HS via Galston, R>Calderwood to Pine Valley, return Calderwood, L>Galston, R>Crosslands to Mathew, return Crosslands, R>Bevans, R>Knights, L>Chadd to Radnor, (15:53), return Chadd, R>Knights, R>Bayfield, L>Carrs, L>Arcadia, R>Galston to Galston Shops
3589	15:33	EX OPPOSITE OAKHILL COLLEGE via Old Northern, Round Corner (15:44), Old Northern, L>Kenthurst, R>Hills Grammar, R>Kenthurst, Kenthurst PS (15:54). Transfer to Route 3585 (see below)
3506	15:38	EX OPPOSITE OAKHILL COLLEGE via Old Northern, L>Gilbert, R>Ridgecrop, R>Linksley, L>Greenbank, L>Grange, R>Evans, L>Glenhaven, L>Carinda, R>Mills, L>Glenhaven to opposite Bannerman Rd
637	15:41	EX OPPOSITE OAKHILL COLLEGE via Old Northern to Glenorie Shops.
3585	16:00	EX KENTHURST PS via Dural, R>Kenthurst, L>Pitt Town, L>Lang to Alicia, return Lang, L>Pitt Town to Boundary Rd.
3548	16:14	EX CASTLE HILL INTERCHANGE STAND A TO FAIRWAY DR, BALMORAL RD & ARNOLD AVE via L>Old Northern, L>McMullen, Pennant, R>Showground, L>Windsor, R>Norwest, R>Solent, R>Fairway, L>Severn Vale, L>Balmoral, R>Pellizzer, R>Florence, L>Hector, L>Memorial, R>McGausland, L>Arnold, R>Gainsford, L>Sam Riley, L>Tway to Riley Tway

CTHS Library





Year 7 Literary Festival

Coming 25 November! Please ensure payment AND signed permission notes are returned to the student window. Pick up a copy in the library if you do not have one. Here are the names of the presenters. Can you match them correctly? Find out what they have written, illustrated and/or performed. Come and tell us what you discover!

- Oliver Phommavanh
- Mary Burroughs
- Wai Chim
- Sue Whiting
- Will Kostakis
- Michel Streich
- Beth Macdonald
- Emily Crocker
- Erin Gough
- Catherine Jinks
- Sean Choolburra
- James Knight
- David Legge
- Gareth Jenkins



Early Holiday Planning

Students may enjoy a visit to the State Library during the school holidays. You will be in a beautiful place, probably find exhibitions of some kind and be next to the Botanic Gardens, but more to the point, the State Library is offering research sessions for senior/HSC students.

HSC Help! Awesome eResources

"HSC students can get ahead of the game and attend FREE HSC research sessions in January. We are offering a series of subject-specific HSC Help! Awesome eResources workshops including English, Society and Culture, Science and History. These workshops are a perfect way for students to sharpen their online research skills beyond Google and learn how to access the amazing range of eResources accessible with a Library card."

Check it out @ [HSC Help! Awesome eResources](#)

Ms Halder and Ms Sorensen

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.*



Shop & save for Christmas

EXCLUSIVE TO ZERO & REWARDS
CARD HOLDERS

20% OFF
SCHOOLWEAR
AND EVERYTHING ELSE!



INSTORE & ONLINE THURSDAY 14TH NOVEMBER.

* Excludes gift cards, all suit packages & Schoolwear layby's. Cannot be combined with other offers or discounts. Floor stock only. Styles and colours may vary from store to store.

No rain checks. Please choose carefully, exchanges and refunds only with docket. Includes existing 5% discount. Offer ends midnight (AEST) 14/11/19. Must use Zero or Rewards card to receive discount.

CALENDAR - Term 4 Week 5A

Monday 11 November	<ul style="list-style-type: none"> • Remembrance Day Assembly • HSC Assessment Task - Textiles & Design
Tuesday 12 November	<ul style="list-style-type: none"> • HSC Written Exams Conclude • Year 10 English Assessment Task
Wednesday 13 November	<ul style="list-style-type: none"> • Year 11 High Achievers' Morning Tea • Girls' Class Excursion • SRC Mufti Day • L'Oréal Australia Girls in Science Forum - Years 9, 10 & 11 Excursion
Thursday 14 November	<ul style="list-style-type: none"> • Zone Grade Final • Year 11/12 Legal Studies Excursion
Friday 15 November	<ul style="list-style-type: none"> • Year 11 Presentation Day Assembly