Cumberland High School
Excellence in Education

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Events for Term 3, 2017

07 Aug  HSC Trial Examinations Commence
10 Aug  Community Mentoring Breakfast
11 Aug  Western Sydney University Science and Math Exposed
14 Aug  National Science Week
17 Aug  Prefect Ballot
18 Aug  HSC Trial Examinations Finish
22 Aug  House Meetings
23 Aug  Year 8 Subject Selection Evening
25 Aug  Yr 12 Chemistry and Physics ANSTO Excursion
29 Aug  P&C Meeting 7pm
30 Aug  Captain and Vice-Captain Speeches to Executive
31 Aug  Community Mentoring Breakfast
04 Sep  Yr 11 HSC Information Evening
05 Sep  Music, Art and Drama (MAD) Night – 2 Nights
06 Sep  Combined High School Athletics Carnival – 3 Days
11 Sep  Yr 11 Preliminary Yearly Exam Week
18 Sep  Sports Presentation Assembly
19 Sep  Prefect Induction Assembly

Sean Returns to Inspire Our Leaders

Cumberland High School was proud to welcome its 2014 Dux, Sean Lim, as guest speaker at the Cumberland Community Connections Leadership Conference held at Carlingford Public School on 25 July. Sean presented to school leaders from Cumberland High School and nine of the surrounding local primary schools on effective leadership.

Currently a second-year medical student (on scholarship) at the National University of Singapore, Sean whilst home on break from University, continues to serve the Cumberland High School community by leading information sessions for our current Year 12 cohort as they prepare for the HSC.
Sean Returns to Inspire Our Leaders

Continued...

On graduating from Cumberland High School in 2014, Sean received an ATAR of 99 and was awarded the Minister’s Award for Excellence in Student Achievement, the Australian Defence Force Long Tan Youth Leadership and Teamwork Award and the Premier’s Award for All-round Excellence. He was also selected to participate in the Castle Hill Leadership Program which culminated in a trip to Papua New Guinea where he trekked the Kokoda Trail with other leaders.

Principal’s Voice

What a remarkable start to Term 3!

Education Week

We celebrated Education Week with the launch of the Ginko Project together with our Writer in Residence, Dr Bernard Cohen and our learning partners James Ruse Agricultural High and Carlingford West Primary School. The project involved Year 5 and Year 6 students from Carlingford West Primary, Year 7 students from Cumberland High and Year 8 students from James Ruse Agricultural High being immersed in the natural wonders of Hunts Creek and then returning to school to engage in a creative writing process culminating in the production of fine narratives and poems. The launch event enabled us to showcase the creative work of our students and was a tremendous success! Many thanks to the fabulous English Faculty, school librarian, Ms Alexander and marketing expert, Ms Edwards for the outstanding coordination and creation of our final Ginko publication.
Year 10 Subject Selection, Careers Conference and Work Experience

All Year 10 students have been engaged in wonderful career-defining opportunities to carve out pathways for the future. In the first instance, our wonderful Curriculum Coordinators, Ms Ashton and Ms Nicholls have provided various workshops and information sessions to engage our students in an effective subject selection process.

These workshops have then been followed by the Careers Conference with industry experts, guest speakers and opportunities for mock interviews with professionals from various fields. Subsequently, students have had the opportunity to engage in a week in the field of choice through our work experience program. The feedback from students, parents, employers and staff has been extremely positive! Special thanks to Ms Sisala for coordinating these events with the assistance of Ms Isachsen, Mr Lummis and Ms McNamara.

The Helmsman Project Launch – Girls Cohort 2017

Last Thursday we enjoyed the launch for the Helmsman Project Girls 2017 program. Additional places were made available for our students, which has enabled us to offer the experience to 11 girls! Thank you to our wonderful Ms Frew who will be the cohort teacher guiding the girls through this fantastic and enriching program which includes 13 weeks of coaching and an Outward Bound adventure.

Japanese Visit

Last Friday we welcomed a school group from Japan. The Anpachi Japanese visitors had Cumberland students leading them as their “learning buddies” throughout the day with very enriching opportunities of cultural exchange. Many thanks to our Japanese teacher, Ms Wai for coordinating this positive experience for our Japanese visitors and our own students!
Congratulations to our VET Coordinator extraordinaire, Ms Amie Neale! We achieved a fantastic result in the VET audit with the auditor’s feedback highlighting that our program was exemplary and “evidence of best practice”. Excellent collaborative efforts from Ms Neale, Mr Pillay, Mr Thomas and Ms Sisala!

Aboriginal Program

Ms East our exceptional Aboriginal Coordinator has been working through interviews with our indigenous students and their parents to discuss personalised learning plans. This provides a wonderful opportunity to celebrate successes and formulate new goals for Semester 2.

Below: Michelle Hookey Hutton and Ms Keira East, Cumberland High School’s Aboriginal Coordinator

Year 12 Trial Examination Period

As our Year 12 students prepare for and work through their Trial Exams, we would like to wish them the very best of luck!

Ms M. Pikoulas
Principal

New Term

Term 3 has already started with many activities in and around the school. The Year 8 and 9 Parent/Teacher night on Monday 24th July was very well attended and proved beneficial for parents to catch up with their child’s teachers and their child’s progress through semester one.

Subject selections have started for Year 10 going into Year 11 in 2018. An information evening was held for Year 10 parents and students on 19th July marking the beginning of their journey to the HSC.

Year 10 will commence their work experience week during Week 3 of the term, which has followed their Careers Conference held here at the school on Friday 28th July.

Year 12 will soon be sitting their Trial HSC and we wish them well, while Year 11 are completing their Preliminary Courses with the HSC Courses commencing at the beginning of next term.

The Term is also a term of celebrations and recognition of both sporting and academic achievement, and the finishing of school for Year 12, along with the MAD Concert being held during Week 8.

Wishing everyone a happy and successful remainder of the term.

Mr P. Wood
Deputy Principal
Sport Report

Cumberland v Wauchope 2017

The annual contest between Cumberland HS and Wauchope HS is over again for another year. Wauchope hosted the visit this year, which was held on June 28-30. The visit involved three days of sporting competition, a school disco and the billeting of 100 Cumberland students by Wauchope HS families.

As in the usual fashion, as soon as we arrived in Wauchope, the sky clouded over and unleashed some unrelenting rain for the first two days. This made competition conditions incredibly hard and MUDDY!!

Cumberland gave Wauchope a real run for their money. After the second day of play, the Cumberland team was only two games behind, meaning we needed to win all three games on the final day. Unfortunately, things didn't go our way on the Friday, however, and we missed bringing the Parson's Shield back home with us. The final score was 25-15 to Wauchope.

There were many highlights throughout the event. Events in which Cumberland were victorious included:

- Boys Junior Basketball
- Girls Senior Basketball
- Senior Boys Basketball
- Girls Softball
- Mock Trial
- Junior Boys Football (Draw)
- Open Boys Football

As is tradition, each school selected a male and female athlete to receive the honour of most valuable player of the tournament. The awards for 2015 were given to:

- Nick Lazarevic - Year 12
- Rosary Vakauta - Year 12

Both these students were extremely deserving of their awards. Each competed in multiple events during the tournament. This is the first time ever that both MVPs have won the award 2 years in a row at Cumberland.

Thanks must also be given to our staff members who took on coaching roles. Many hours were spent organising and facilitating training sessions in the weeks leading up to the visit as well during the competition.

Bring on the 2018, when Wauchope comes back down to our turf – let's get the shield home where it belongs!!

GO COBRAS!!

For more Wauchope photos, see over the page!
Sydney West Athletics Carnival

Some of our top athletes competed at the Sydney West Athletics Carnival held on Thursday 27th – Friday 28th July, 2017. Our team consists of the following students who represented our school with the highest levels of sportsmanship;

- Josh Hookey 12
- Zion Clarke 12
- Alannah Kuka 11
- Josh Kim 10
- Dylan Lay 9
- Noah Liu 9
- Ljubica Momcilovic 9
- Bella-Star Avery 8
- Pat Ryan 8
- Robim Kim 7

A MASSIVE CONGRATULATIONS to Josh Hookey, who came second in shot put and will proceed to the State Carnival!

Also a HUGE CONGRATULATIONS to Alannah Kuka who came third in Discus, second in Javelin and first in Shot Put and will also proceed to State!!! Massive effort!!!

Knockout News

With most of the Knockout competitions over for the year, we still have a few remaining. The 15s girls netball and boys cricket have games scheduled for the coming weeks. 15s Girls Basketball playing Round 3 against The Ponds on Thursday 27th July, winning 31-13. The girls will progress to the Top 8 Gala Day on Friday, 18th August. Good luck to all players!!

Term 2-3 Winter Sport

Winter Grade Sport is underway in the following sports:

Boys
- Soccer 15’s
- Soccer Opens
- Oz Tag

Girls
- Basketball 15’s
- Touch Opens
- Soccer Opens
- Basketball Opens

A reminder that Wednesday afternoon sport is compulsory for all students in Years 8-11.

All students must be part of either a Grade Sport team (competing against other schools) or part of a Recreational Sport Group (various activities on school grounds).

- Full sports uniform is compulsory.
- Students participating in GRADE team sports must hand in their permission notes and money prior to the competition starting.
- Failure to meet uniform requirements may result in a grade team forfeiting.
- SLIP-ON SHOES are NOT PERMITTED

Miss O. Nicholls
Rel.Head Teacher PDHPE

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<thead>
<tr>
<th>Wk</th>
<th>Date</th>
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<td>1</td>
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<td>8</td>
<td>James Ruse</td>
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<td>OPENS</td>
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<td>26/7/17</td>
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<td>Summer Grade Trials</td>
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2017 Science Competition Results

64 students from Cumberland High School sat for the Big Science Competition on the 18th of May and 74 students sat for ICAS Science Competition on the 30th of May this year.

The results are as follows:

### Big Science Competition

Over 50,000 students in Australia took part and enjoyed the experience of testing their science skills in a competitive situation outside of the normal school assessment framework. It consisted of 30 multiple choice questions based on skills and knowledge.

We are very proud of the efforts of our students this year. 3 students were awarded Certificates of High Distinction (top 5% in the competition), 6 students were awarded Certificates of Distinction (top 15% in the competition) and 18 students were awarded Certificates of Credit (top 40% in the competition). More than 42% of our students who entered the Competition achieved these awards.

Congratulations go to the students listed over the page.

### International Competitions and Assessments for Schools (ICAS) - Science

We are also very proud of the efforts of our students in the world’s largest Science Competition.

Six students were awarded Certificates of Distinction (top 10% in the competition), 23 students were awarded Certificates of Credit (top 30% in the competition) and 9 students were awarded Certificates of Merit (top 40% in the competition). More than 50% of our students who entered the Competition achieved these awards. - an excellent performance! The average scores of our Years 7 to 10 students are all above that of the state.

Congratulations go to the students listed over the page.

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**Congratulations to our Science Champions!**
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<th>Distinctions</th>
<th>Credits</th>
<th>Merit</th>
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<td>7</td>
<td>Neil Dadhich</td>
<td>Ethan Har Himanshu Kopparthi Sion Lee William Low Suhas Pallapothala Ingrid Yoo</td>
<td>Zenas Lister Samuel Meguerditchian Ericka Nguyen Kevin Zhang</td>
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<td>8</td>
<td>Aditya Agnihotri</td>
<td>Fotini Bekiaris Husain Alhashemi Nihar Kadkol Corelle Spagnolo Mason Zhang</td>
<td>Alexander Mozaffar Charlotte Ballard</td>
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<tr>
<td>9</td>
<td>Dev Chopra Dylan Lay Alexander Warnecke</td>
<td>Daniai Amin-Rahmanlou Manav Bansal Rachael Chamberlain Jacinta Chen Noah Liu Hana Ortega Luke Seo Mark Villapane Brendon Yue</td>
<td>Rowan Chate Emily McLean</td>
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<td>10</td>
<td>Jack Valentine</td>
<td>Elinor Bickertaff-Westbrook Hana Chamberlain Feng Ye</td>
<td>Martin Cai</td>
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**Student Reflections**

**2017 Year 12 Chemistry Day at Western Sydney University**

On the 23rd of June, our Year 12 Chemistry classes went on an excursion to WSU Parramatta campus. Our visit was first greeted by the friendly staff, outlining our program for the day. First off, we made our way to the organised and futuristic laboratory to conduct an experiment called Atomic Absorption Spectroscopy (AAS). For the process of AAS, we were required to analyse the concentration of sodium ions in each sample of a sports drink. To do this, we first had to make up different but known concentrations of the sports drink through dilution. Then, we took the samples of known concentration to the spectrometer, where different absorption levels for the concentrations were measured and a calibration graph was drawn. Using the calibration graph, we could precisely find out the concentration of sodium ions in the sport drink.

Next up, we were required to analyse the percentage of sulfate ions in each sample of lawn fertiliser. The process involved dissolving the solid fertiliser in distilled water, then adding a solution containing barium ions to precipitate all the sulfate ions out of the sample of fertiliser. The solution was then vacuum filtered to separate the barium sulfate from the solution. By weighing the amount of barium sulfate, we could determine the percentage of sulfate ions in the sample.

Overall, we conducted two mandatory experiments in the HSC syllabus and it was an enjoyable experience. We would like to thank all teachers and staff members of WSU for this memorable Chemistry day.

**Jinit Joshi, Rohan Pearson-Bourne, Yagnik Patel, Kevin Tran and Arif Usman - Year 12 Chemistry**
On the 23rd of June 2017, they Year 12 Chemistry students went to Western Sydney University to perform two mandatory experiments, which were Atomic Absorption Spectroscopy (AAS) and analysing the sulfate content of fertilizers.

The first activity was AAS, which is a quantitative test for the concentration of metal ions in solution. The requirement for this experiment is using a spectrometer that could accurately measure the amount of sodium ions in parts per million (ppm) contained in an energy drink. WSU provided us with the equipment we needed that we do not have at our school. The experiment required us to extract exact amounts of the Powerade sports drink to use for dilution, which we needed for our final sample. In the end, most of our students got results in the estimated range.

The activity on analysing the sulfate content in fertiliser was a lengthy experiment and required more steps. However, the staff and students at WSU were very helpful and guided us in every step of the experiment to ensure that we follow the procedure correctly. The university provided us with advanced equipment to increase our accuracy and of the experiment.

For example, we used an electronic balance that gave us values up to 3 decimal places which increased the accuracy and we also used fine grade filter paper to filter the solids, ensuring that they are all trapped for us to weigh.

Overall, this was a very insightful excursion as we had the opportunity to conduct two experiments related to our HSC Course with more advanced equipment at WSU, which enhanced our understanding on the content. On behalf of all Year 12 Chemistry students, we would like to thank Mr. Tang and Cumberland High School for giving us this fantastic opportunity to experience the WSU Chemistry Day.
Energy
Transformations
with 7 Red

The students in 7 Red with Ms Stead have been studying energy transformations. Today the room was darkened and the burning flame of the Bunsen burner was lit. The class was split into pairs, each holding a sparkler. Everyone lit their sparklers and suddenly it wasn’t dark anymore.

The Science Lab was filled with miniature fireworks continuously going off. This wasn’t simply for fun even though it was quite enjoyable. We could experience the energy that was created from a simple sparkler. Not one, but many types of energy.

The sparkler was the chemical and when it was combined with the heat of the Bunsen burner it produced a major energy source of light. However, it produced other secondary energy sources too, as we have been learning. These energy sources included heat, sound and smell. After the Sparklers went out we placed them into a sand bucket and some were lucky enough to have another go.

Joshua Abrahams
7 Red
Library News

Library Conference Room

This term we are very excited to see the opening of the new Library Conference Room. This Conference room will allow staff and students to meet in a professional environment in order to present ideas and to discuss relevant issues. The conference room features a large board style table, a whiteboard and a large screen for digital display. The photo below shows year 10 students using the room for mock interviews at the recent year 10 careers day.

Time Travel Display

A new display of relating to time travel has been created for Term 3. It features the brilliant “Time Riders” science fiction series by Alex Scarrow.

In this series, three teenagers are plucked from the brink of death in order to use their strengths to identify and then fix up where the villains have broken our history. In each book of the series, the teenagers must venture back to a different era of history in order to fix up the time altering glitches.

What the Teacher Librarian is Reading

In order to model reading and to showcase some brilliant new books I have created a pop-up display. I am currently reading The Secret Keepers by Trenton Lee Stewart.

Ms K. Alexander
Teacher Librarian
The survey is a great opportunity for our students to provide us with valuable and quick feedback on what they think about school life, how engaged they are with school and the different ways that teachers interact with them. Schools in Australia and around the world have used the *Tell Them From Me* survey to help improve how they do things at school.

I want to assure you that the survey is confidential. The survey is conducted online and will typically take less than 30 minutes to complete. It will be administered during school hours between 21 August and 13 October. Participating in the survey is entirely voluntary.

A consent form and FAQs for parents/carers about the survey is being sent home with students. If you do not want your child or children to participate, please return the form to school by Monday 11 August, 2017. Copies of the form and FAQs are available from the website above.

The *Partners in Learning* Parent Feedback Survey

This Term, our school will be participating in the *Partners in Learning* parent survey, another part of the *Tell Them From Me* suite of surveys (student, teacher and parent surveys) on student engagement. The survey asks parents and carers questions about different factors that are known to impact on student wellbeing and engagement.

Running this survey will help our school understand parents’ and carers’ perspectives on their child’s experience at school. These include: communication between parents/carers and staff, activities and practices at home and parent/carer views on the school’s support of learning and behaviour. This valuable feedback will help our school make practical improvements.

The survey is conducted entirely online at home or on public computers. The survey will typically take 15 minutes or less to complete and is completely confidential. The parent survey will be conducted between 21 August and 9 October, 2017. Participating in the survey is entirely voluntary, however, your responses are very much appreciated and vital to giving us a complete picture.


Ms S. Bower
Survey Coordinator
Please visit Cumberland Careers Corner at:
http://mhscareers.wixsite.com/cumberlandcc

https://www.facebook.com/CareersCorner

Year 10 Careers Conference
Friday 28 July

In preparation for Work Experience, year 10 came dressed in formal interview gear for the 2017 Careers Conference.

Highlights of the day

Motivational speaker: Paul Wade, a former Socceroos Captain will talk about resilience and the value of working hard to achieve your goals.

Mock Interviews: Students will demonstrate the skills, knowledge and attitude necessary for a successful work interview.

Speed Dating a Career: Small groups of students will interview guests from various industries in order to explore possibilities for their future career, understand the value of education in future careers and gain an understanding of how skills are transferrable across a variety of work roles.

Workshops: Students will hear from industry professionals about appropriate presentation for the workplace.

Work Experience Preparation: There will be workshops on health and safety in the workplace.

Thank you to the following guests who volunteered their time for our year 10 students:

- Paul Wade
- Sue Cross - Fitted for Work
- Alberto Lavenuta – Australian Careers Business College (ACBC)
- Warren Draney – Business Development, Salvos Counselling
- Adriana Carvalho – Telecommunications Technical Support Engineer, Nokia
- Lucinda Holdforth – Speechwriter, Self employed
- Brian Wexham – CEO, SkillsOne Television
- Paul Gooding – Rigger/scaffolder, MD Constructions
- Andrew Perry – Chief Executive Officer, Community Builders Australia
- Cameron Ryan – CEO, Arc Group
- Maha Dunne – Director, Dunne Pty Ltd
- Alex Gabbott – Director, Cosmic Rebel
- Peter Troup – Aussip
- Nicole Lean – WPC Group
- Kerry Duck – Australian Training Company (ATC)
- Sridhar Bellandur – Information & Communication Technology, Solution Delivery Lead
- Steve Magner – Master Builders Association
- Warren Draney – Business Development, Salvos Counselling
- Lucinda Holdforth – Speechwriter, Self employed
- Brian Wexham – CEO, SkillsOne Television
- Paul Gooding – Rigger/scaffolder, MD Constructions
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- Cameron Ryan – CEO, Arc Group
- Maha Dunne – Director, Dunne Pty Ltd

Please see over the page for more photos from the day.

Ms A. Sisala
Careers Co-ordinator
Cumberland's MUSIC TUITION PROGRAM

DID YOU KNOW?

WE HAVE AN IN-SCHOOL MUSIC TUITION PROGRAM?

- 30 minute lessons are $35 per week
- Instruments can be hired yearly for $130
- We are looking for new Clarinet players!
- Join in our music concerts and band tours

Email Mr. Andrews for further information: martin.andrews1@det.nsw.edu.au
Play cricket this summer.

Beginners to experienced players
Girls, boys and men.
U6-8 In2cricket program, teams from U8-16, and open men’s (A Grade plays on turf)

Registration Day: Saturday 6th August between 10am and 1pm
at Carlingford Bowling Club.
Cnr Pennant Hills Rd & Evans Rd,
Carlingford

Contact Andrew Pearson at ampearson92@gmail.com for more information, or register online at http://carlingfordwaratah.nsw.cricket.com.au/

Mathematics Consolidation

Teachers will be available to help you with your homework and study skills.

Thursdays
Mornings from 7:30am
After School till 4pm
Room E15