

BUSH Bulletin



HOME BUSH BOYS HIGH SCHOOL

Recte Et Fortiter - Upright and Strong

Safety | Learning | Respect

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DEPUTY PRINCIPAL REPORT

Mr Cheiban Elaro

Years 7 & 10



Year 7 Camp

There is much excitement about the upcoming Year 7 camp, scheduled to start on Monday 24 October at Katoomba. We will be back at school by 4 pm on Wednesday 26 October. It was originally set for week 3 in term 1. But the COVID restrictions at the time made it impossible to proceed. At the moment we have over 100 students attending the camp, this includes Year 10 Peer Support leaders. They are busy organising their cabin groups and packing their bags for the camp. It is set to be a memorable experience for the young men who will look back on the camaraderie they formed and the challenges they encountered during those 3 days. A huge thanks to Ms Cheung and Mr Jesu for organising the camp and supporting the young men in Year 7 feel valued in the wider school community.

Leadership opportunities

While still on the Year 7 cohort, the young men have settled extremely well into the school. They are now becoming confident and the many successes they have experienced in the classroom and on the sporting fields make them feel like valuable members of the student body. Year 7 students are now in the perfect position to become leaders around the school with the various volunteering opportunities. I will love to see as many as possible Year 7 students join the Environment Club, the Breakfast Club and the Fig Tree Café team. These are the opportunities students need to take to become leaders in the school. Students can also see Mr Norrish if they are talented musicians. Mr Norrish has put together various musical groups and we have many talented musicians in Year 7 who can contribute to these groups.

B & M Awards

It was very pleasing to see so many Year 7 students rewarded for their outstanding efforts in their classes during semester 1 with the coveted Blue and Maroon Awards. Congratulations to the recipients listed below. And remember that every student can achieve a Blue and Maroon Award – all it takes is a consistently good effort in every class.

Year 7 Blue Awards

Abdul, Fardin	Ho, Timothy	Lim, Jung Soo	Razvi, Syed Khalid
Adhikari, Krish	Huang, Ryan	Liu, Kevin	Ryu, Jeremiah
Ashiq, Saiham	Islam, Md. Nubaid	Luong, Anthony	Sadat, Emran
Bandi, Saketh	Jarif, Saad Ajman	Luong, Ethan	Sandhu, Arjan
Barr, Lucas	Jin, Eric	Ma, Ze Xi	Sasikaran, Thishanth
Chaker, Zakariya	Kagi, Ratu Timoci	Maloney, Michael	Sayanthan, Seyon
Chan, David	Kemisetti, Nanda	Messinis, Joshua	Seah, Justin
Chan, Timothy	Keskin, Aydin	Mirza, Bilal	Sevele, Uatesoni
Chauhan, Rohan	Kim, Oliver	Obaid, Afnan	Shapkota, Arbin
Chiu, Levi	Kiritharan, Janusan	Oboya, Anade	Singh, Vihaan
Coleman, Jai	Koppela, Vandhan	Park, Daniel	Stack, John
Eswaran, Schivan	Kularaj, Nilushan	Park, Geumsan	Tan, Richard
Galassi, Nicolas	Kumar, Maulik	Park, Samuel	Thapa Magar, Vihaan
Han, Dennis	Lam, Vaughan	Pillai, Rishiraj	Thiyagarajah, Dhilan
Han, Dong Hyeok	Lee, Lowell	Rahulan, Aryan	Tran, Brian
Han, Ryu Jin	Liao, Allen	Ramanan, Ajaye	Villanueva, Jordan

Vimalarajan, Virushen	Youssef, Jacob
Wang, Justin	Zhang, Jacob
Wasim, Mohammad Arham	Zhang, Lucas
Xue, Kevin	

Year 7 Maroon Awards

Abdul-Rahman, Muhammad	Kanteti, Devakinandan
Alharbi, Anas	Lee, William
Ayoub, David	Nguyen, Tien Dung
Bartoli, Massimo	Tellin, Ali
Boyter, William	Unlu, Mehmet
Chew, Ui Xuan (Gibson)	Zreika, Hussein Anwar
Choi, Jacob	Nguyen, Tien Dung
Gautam, Aarav	Tellin, Ali
Gillespie, Yaqub	

Year 10

There is a sense of excitement with a touch of trepidation amongst Year 10 students as term 3 reaches its inevitable end. The men in Year 10 are looking forward to Year 11 as they have now chosen their Stage 6 subjects. The men of Year 10, 2022, are wonderful individuals who are focused on their work and possess mature outlooks. Most of the volunteering opportunities in the school are underpinned by members of the Year 10 cohort. They are true leaders in the school. And I look forward to that leadership group to excel even more as the school year concludes. The men of Year 10 have the most Gold Awards so far this year. And several of them will achieve the Principal's Medal this year. I would like to take the opportunity to thank Ms Coutinho and Ms Jang for continuing to support all Year 10 students.

What is a Gold Award you might be thinking? And what is a Principal's Medal? These are two of the highest awards the school can bestow upon a student. For a student to achieve a Gold Award, he needs to have 5 Silver Awards. In turn, 5 Bronze Awards equate to a Silver Award. Thus, achieving a Gold Award is an enormous achievement. A student needs 2 Gold Awards to be rewarded with a Principal's Medal.

Finally, the school held a condensed Multicultural Day on Friday 2 September. It was a normal school day until the start of lunch. There were 8 different food stalls operating during lunchtime and this was followed by a whole school concert to conclude a most enjoyable day. The food stalls offered a variety of food ranging from Pakistani bbq to Korean noodles to Greek souvlakis to Lebanese manoosh to Australian lamingtons to Turkish kebabs. The entertainment was also a real variety of talent. A huge thanks to Ms Kumaralingam and Ms Khan, along with Mr T, for organising another memorable day when all the cultures in HBHS celebrated our uniqueness together. I would also like to thank Ms Hong and her army of parents for working tirelessly on the Korean stall. Thanks also needs to go to Ms Karas, Mr Wilson, Mr Michael, Ms Wang and Ms Anand for working on the food stalls and supervising students. Without the support of these teachers, the day would have been possible.

DEPUTY PRINCIPAL REPORT

Ms Jennie Dalamagas

Years 8 & 11



Term 3 2022 has overall been a very productive term with Year 12 Trial Examinations, CAPA night, Multicultural Day, Year 11 Examinations and finally our Year 12 Graduation. This is the final term for Year 12 who will commence their Higher School Certificate next term. They are to be congratulated for progressing thus far and wished the very best for their final examinations. Year 11 will now conclude their Preliminary studies and commence their HSC studies in Term 4 2022.

As the Deputy Principal in charge of Year 8 and Year 11, I continue to work closely with Mr Kisso and Ms Singh to ensure our students attain the best outcomes in all areas of their education, including in leadership, wellbeing, and academia.

Year 8

Year 8 were provided with an opportunity to understand financial matters that they might encounter. The program **'Money Lessons for Life'** was well received by all students and staff. I would like to thank Mr Kisso for organising this event.



Operations Art 2022

The Creative and Performing Arts have worked extremely hard this term to achieve two selections into Operations Art 2022. Congratulations Sean Song (Year 7) and Santiago Soto Suarez (Year 9) for having their artwork selected for Operation Art 2022 and will be exhibited at Sydney Olympic Park. Operation Art is an initiative of *The Children's Hospital* at Westmead Hospital in association with the New South Wales Department of Education. An outstanding achievement for both Sean and Santiago. Sean's and Santiago's artwork will be exhibited at the Armory Gallery, Sydney Olympic Park from 17 September 2022 until 30 October 2022.



RUOK DAY

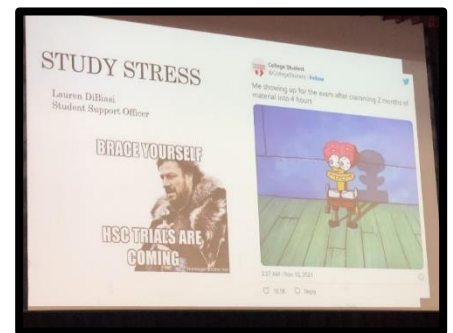
Mr Kisso and our Year 8 students organised a special assembly and BBQ on Tuesday 6 September to highlight the significance and importance of RUOK Day. Congratulations to the students who presented at our assembly for successfully articulating the importance of ensuring that everyone, including peers and family, are feeling positive about their everyday life.





Year 11

Term 3 will be the final Preliminary term for our 2022 Year 11 students. Term 4 will be the commencement of Year 12 and also the start of the Higher School Certificate examinations for our current Year 12 students. This term Year 11 will complete their final Preliminary examinations. In preparation for these examinations Ms Di Biasi presented a Study Skills workshop at one of our fortnightly assemblies. Our students found this to be a very worthwhile event and were able to learn some very important skills to utilise in their study regime. Thank you so much Ms Di Biasi for this very valuable presentation.





Multicultural Day

Mr Elaro and Ms Kumaralingam need to be congratulated for the success of Multicultural Day at Homebush Boys High School. On Friday 2 September 2022 our school came together to celebrate the wonderful cultures that exist within our community. It was a magnificent day that was enjoyed by all.







Homework Help

On an important note, 'Homework Help' continues to occur every Monday and Tuesday from 3:10pm to 4:10pm. Ms Jang, one of our teaching staff members, is on duty to assist your son with his homework, assignments and/or assessments. Please ensure your sons take advantage of this valuable initiative.

Final Note

Please don't hesitate to call me in regards to any concern you may have in regards to your son's educational requirements. As a team, Mr Kisso, Ms Singh and I want to ensure your son succeeds in achieving his personal best at Homebush Boys High School.

DEPUTY PRINCIPAL REPORT

Miss Catherine Player

Years 9 & 12



Term Three has been a very busy term for all of us. Students have been consolidating their learning and building on their results from Semester one. Term Three also marks the final term for Year 12 as students at Homebush Boys High School. So much happening and so many wonderful milestones for all of our students.

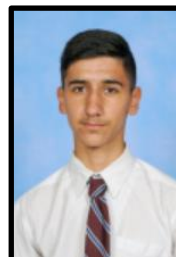
Year 9

This term some of our Year 9 students had an opportunity to be involved in the NRL In League In Harmony program. This involved an ex-NRL mentor running workshops on teamwork, respect and responsibility, and skills workshops on the football field. Students also took part in a gala day where they met students from other schools taking part in the program. Five of our students were chosen as Youth Ambassadors for the program and took part in a special mentoring day at Penrith. Congratulations to these young men who have represented themselves, their families and the school with pride. A big thank you to Ms Lauren Di Biasi and Ms Misbah Khan for coordinating this beneficial program.



Our NRL In League In Harmony Youth Ambassadors

Abdulkarim TAHA | Zack SHAND | Osman SESAY | Gazi MAHJANA | Aidan DUNN | Jerry WEI





Congratulations also goes to Emre Boz for his achievement in Public Speaking. He received his award on assembly from Ms Sahay. A great achievement for Emre and I hope he continues competing in Public speaking competitions.

Congratulations also go to Luka Pihl Morrison for being selected to take part in a Soccer Trial through the Sydney Football Academy in Spain. What an amazing opportunity for Luka who is hoping to forge a career in soccer. Well done Luka on this amazing achievement. Go and make the most of it.



Multicultural Day

This term we also celebrate multicultural day. The day saw our students proudly wearing cultural outfits and hosting a lunch that was amazing. From Korean to Chinese, Turkish, Lebanese, Indian, Greek, Australian and Pakistani— we were spoilt for choice with wonderful and delicious food. Thank you to Ms Hong and her Korean families for their amazing contributions. Thank you to all the students and teachers who worked tirelessly to set up, cook and run these food stalls. We are lucky to have such a wonderful community at Homebush.

After lunch we held a formal assembly where we had speeches about equality and harmony, including guest speaker David Kadamani, Vice-Captain in 2021. We had poetry performances in different languages led by Ms Lea and cultural music performances including Chinese and Indian singing, and dancing from Pakistan. All in all, it was a wonderful day. A big thankyou to Mr Elaro, Ms Kumaralingum, Mr Thanabalasingam and their team, our organisers, for their hard work putting it all together.



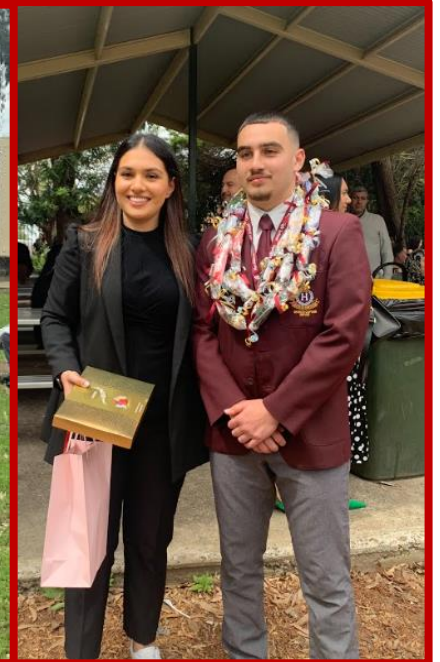


Year 12 Final School Assembly



YEAR 12 GRADUATION









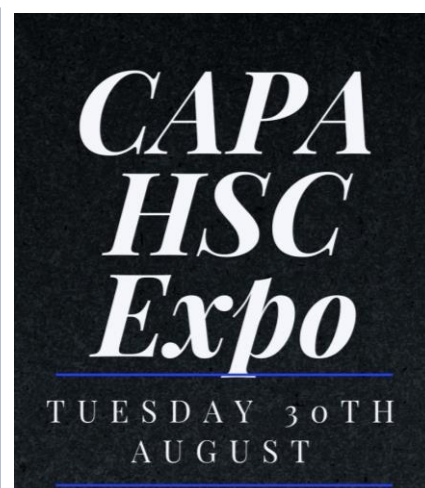
CREATIVE AND PERFORMING ARTS & LANGUAGES

Mr Emile Norrish

Head Teacher

Term 3 has been an enormous term for the Creative and Performing Arts faculty. Our HSC cohort showcased their works for the CAPA HSC Expo, Visual Arts students presented and submitted their final Body of Works for corporate marking, and our Music students performed their final practical components of their course for external markers.

We are so proud of the efforts of our students in seeing their final projects through, in challenging themselves creatively and presenting works of a very high standard. We give our thanks to parents, families and teachers in supporting these students through a both stressful and rewarding time. Below are some photos from this year's HSC Expo.





Students of the HBHS Drum Corps perform at Homebush West Public School as they welcome the Federal Minister for Education, Indian Minister for Education, the Indian High Commissioner and other important guests as they attend a public school visit earlier this term.



HUMAN SOCIETY IN IT'S ENVIRONMENT

Ms Christina Papavramidis

Head Teacher

Good bye and good luck Year 12

The class of 2022 have finished up their lessons leading up to the HSC. We would like to congratulate the 30 Ancient History students, 23 Modern History students, and 5 History Extension students on completing the HSC courses. These courses have seen students explore the ancient sites of Pompeii and Herculaneum, explain why events in World War II were key to Allied victory, and undertake a major investigative project on an area of changing historical interpretation.

Congratulations to John Xiang and William Knight for placing equal first in the Ancient History course, to Anargyros Kallos for placing first in the Modern History course, and to William Knight for placing first in the History Extension course.

These students have faced ongoing disruption due to COVID through their preparations over the past two years. They have demonstrated their resilience and perseverance, traits that will serve them well into the future.

We wish them all the very best for their upcoming HSC examinations and for the future!



Contribution by Phirum Duch

Year 7 Geography

In Term 3, Year 7 students are learning about “Water in the world”. I would like to share with you some of the poems written by students in Year 7GEOS about the water cycle. They are so talented and keen to highlight their creativity.

Water Cycle Rap

Written by Dhilan Thiyagarajah (Year 7S)

The water cycle
Takes the water and moves it
Up and down and all around the earth
Evaporation comes
When the heat from the sun
Warms up all the groundwater
Then it turns it to water vapour
Condensation takes over
It goes up to the clouds
Water vapour cools down
And it changes to a liquid, now
Precipitation happens
When the drops get big
It falls like rain, snow, sleet, and hail upon my head
I know the water cycle is happening again
Evaporation, condensation, and precipitation

The Water Cycle Song

Written by Rishiraj Pillai (Year 7S)

The water the life
The formation is the water cycle
When the water changes into a vapour
It is called water vapour
When it cools
It is condensation
The water falling
Is the life
And it is called precipitation
It sometimes seeps
It sometimes flows
The seeping is called infiltration
The flowing is called the run-off

Year 9 Commerce

Year 9 Commerce have been learning about “Running a business”. In Week 5, the three Year 9 Commerce classes planned, organised and ran their small businesses. Below are some of the pictures that portrayed the students’ successes. The report is written by Naveen Jegendran from Year 9 Commerce 3.



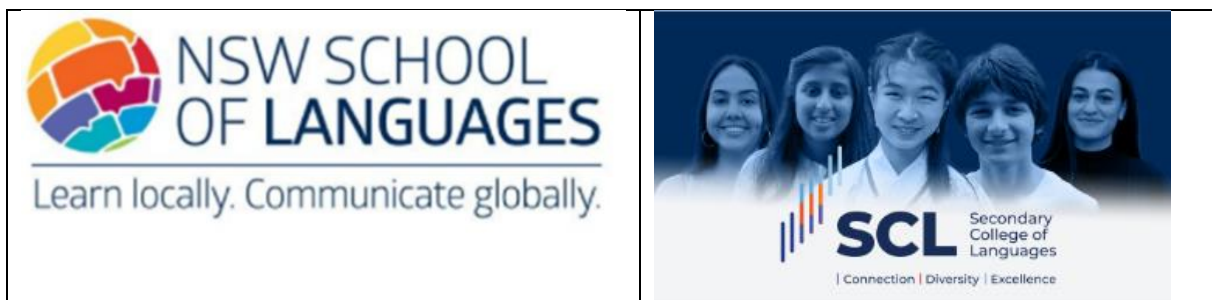
Market Day

Written by Naveen Jegendran

On Friday 19th August 2022, Year 9 Commerce conducted their annual Market Day stall with the aim to teach students the process of running a small business. After learning the topic, "Running a Small Business", we began our journey of being an entrepreneur by promoting and selling our products. Our teachers gave us a fun assessment task that involves a presentation, business report and a market day stall.

Students form into groups of 4-5 and decide on a product that they wish to sell at lunchtime. The group then collaboratively works together to create a business plan, marketing strategies, advertising and other things that will make their business run as best as possible on the day. Students must also manage their own business finance and are responsible for bringing all things needed on the market day. Another exciting aspect about Market Day is that the students get to keep the profits that they make. All stalls were selling different foods and drinks of their choice and overall, the day was very enjoyable and memorable. Some products that were sold on the day include, soft drinks, lollies, pizza, lamingtons, crepes, ice-cream and many other delicious foods.

At the end of the day, most groups made a profit and learnt valuable lessons on how a business runs and how they could possibly run a business of their own on the future. We also donated 10% of our profit to a charity called RUOkey. Hence, Market Day was a success and is a fun way to teach students about business.



External Languages

Written by Louise Symonds, External Languages Coordinator

Eight of our external language students will complete their HSC for their language course in 2022. Two of these students, Anargyros Kallos, who has completed the Modern Greek Continuers and Modern Greek Extension courses, and Vincent Kwee, who has completed the Japanese Continuers course, are from our 2022 Year 12 cohort.

However, the other six students are from Year 10 and Year 11 and are completing their HSC language courses as accelerated students. These accelerated students are to be congratulated on their outstanding achievement in completing their HSC language courses before even commencing Year 12. The following accelerated students have completed the HSC Tamil Continuers course:

Mayavan Rathanthas (Year 10)

Piraveen Sivachchandran (Year 11)

Sanjay Ragnathan (Year 11)

Vikashan Athavaran (Year 11)

Kadhiravan Sathish Kumar (Year 11)

Our other accelerated student is Chaitanya Kothawade in Year 10 who has completed the HSC Hindi Continuers course.

Anargyros Kallos is to be congratulated on his outstanding results having achieved First in Course in Modern Greek Continuers and First in Course in Modern Greek Extension at SCL Ashfield Campus.



Congratulations to all our HSC external language students on your successful completion of your language courses. We wish you every success in your upcoming HSC examinations.

Enrolments applications for 2023 at both the NSW School of Languages and the Secondary College of Languages are now open. Any student wishing to enrol at either language school in 2023 should see Ms Symonds in the HSIE staffroom for further details.

LEARNING SUPPORT

Ms Lisa Brien

Head Teacher [Acting]

Contribution by Angelene Karas

Book Week 2022

This year, CBCA announced that the book week theme for 2022 would be Dreaming with Eyes Open. We held a series of events to engage students and bring them to the library.

Over the course of the week, the library shredded two (old and damaged) books for students to guess. Brian Tran (Year 7) and Musa Tokyurek (Year 11) were able to successfully guess the books. Simultaneously, we had a writing competition where students submitted their work for judging. Virushen Vimalarajan (Year 7) was the winner.

On Monday during recess, students had to find Wally. There was an assortment of images of Wally posted around the quad and the arches. The student with the most amount of images won a range of prizes. Omar Sari (Year 7) and Aaron Kordy (Year 12) worked together to collect the images. Collectively, they were able to find 36 images of Wally.

On Wednesday, the library had a PowerPoint display of the library over the years based on the photographs included in the School Magazines. Images of previous librarians and the library space were displayed along with the year the image was taken.

Thursday lunch was perhaps the most exciting of all. The library held a Kahoot quiz about books. Teachers and students competed. The winner, Eren Zeybek (Year 11) and the runner up, Mrs Brien received an assortment of prizes.

Overall, it was a great week and many students enjoyed the events held in the library.



Contribution by Usha Deo

An educational trip to the Taronga Zoo was organised at Homebush Boys High School for International students on 19th August 2022, to promote awareness and to expose the children to the world of amazing animals.

Taronga Zoo is in the suburb of Mosman, on the shores of Sydney Harbour. The Zoo stands on the traditional land of the Cammeragal people. A bus was hired to accommodate eighteen students accompanied by Ms. Usha Deo and Mr. Sanjay Bhai.

Students saw a variety of animals and were fascinated by the beauty of nature. It was an enriching learning experience for the students. Students enthusiastically observed majestic animals ranging from the Sumatran tigers, Asian elephants, Chimpanzees, Giraffes, Gorillas, Snakes, and Koalas. They were delighted to see wide variety of Flora and Fauna. The excursion proved to be an outdoor classroom for the students as they were able to accommodate and assimilate knowledge.

After having lunch at the Zoo, at 12.30 pm, students were picked up and our bus took us to three landmarks in Sydney City, namely, Opera House, St. Mary's Cathedral, and Hyde Park.

Some of our students visited the Opera House for the first time. The St. Mary's Cathedral was a highlight for our students as they learned that the cathedral is constructed from local sandstone. The Gothic Revival style of its architecture is reminiscent of the great Medieval Cathedrals of Europe.

Hyde Park fascinated students with the Anzac Memorial and Archibald Fountain.

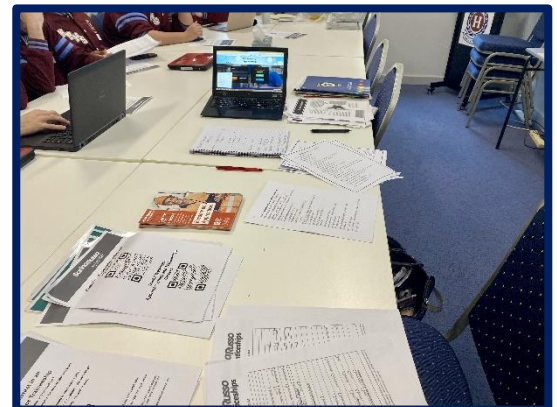
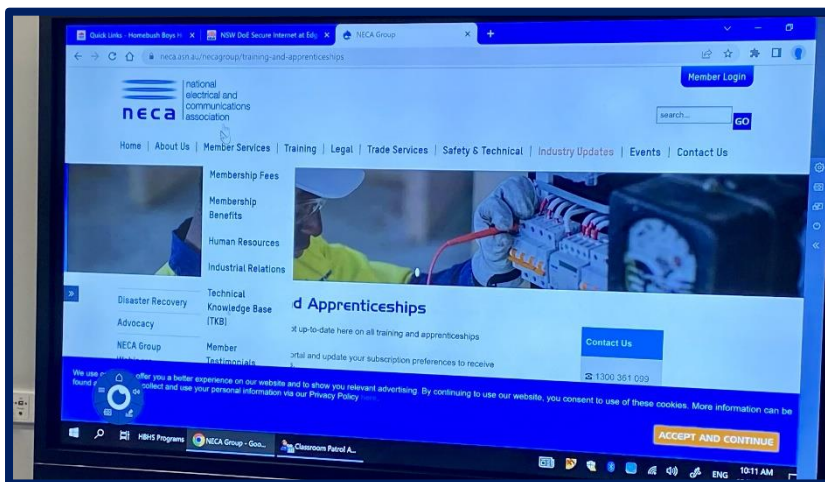
Overall, it was a day well spent which has given our students wonderful memories.



Contribution by Georgia Anton

Sarina Russo Apprenticeships

On Monday the 12th September we had the pleasure of having Janelle Hanson from Sarina Russo signing up our Year 12s wishing to pursue a vocational pathway. Lots of useful tips and resources were distributed and the students walked away with a sense of accomplishment and renewed confidence. The students and staff of HBHS were very appreciative of Janelle's time and expertise.



AUSTRALIAN DEFENCE FORCE (ADF)

Employees of the ADF, did their annual visit to our school and gave an outstanding presentation to our students. They discussed the various careers, entry points and remuneration packages. The students were very engaged and shall I say impressed with what was on offer.

I know that a few of our Year 12s are actually applying for the Defence Force and some of the younger boys aspire to do the same over the next few years.

I'd like to thank Lee and Tracy from the ADF, who took time from their busy schedule to present to our boys!



Huu Tin Lee (Ben)

Year 12, parents came all the way from Vietnam to attend their son's graduation ceremony. They went to see Usha Deo and acknowledged the support Huu Tin received at HBHS. A very special moment.

MATHEMATICS

Ms Manjula Lakshmipathy

Head Teacher [Relieving]

Mathematics Results

Our Year 12 students recently completed their Trial HSC assessments. This brings us the opportunity to congratulate the following students on their achievement.

- ❖ First in Numeracy: **Daniel Row**
- ❖ First in Mathematics Standard: **Elias Mansfield**
- ❖ First in Mathematics Advanced: **Hao Pan** and **Zayan Rusab**
- ❖ First in Mathematics Extension 1: **Abdullah Syed**
- ❖ First in Mathematics Extension 2: **Keistan Ta**

WELL DONE BOYS!!

Mathematics Competition Results

The Australian Mathematics Competition is an internationally recognised competition that has been held annually since 1978. It is one of the largest of its type in the world. More than 40 countries participate each year. There is an emphasis on problem solving, a valuable life skill, and the questions are designed to be fun for the student.

The following students were awarded certificates of distinction:

Year 8

- Adam Hamad
- Arush Chauhan
- Harshavardhan Mahendran
- Winston Cao

Year 9

- William Luong

Year 10

- Linzi Lin
- Melvin Chen
- Brandan Thai
- Liam Ta
- Nikhil Gaddam

Equal First in the School

- Liam Ta
- Nikhil Gaddam

CONGRATULATIONS!

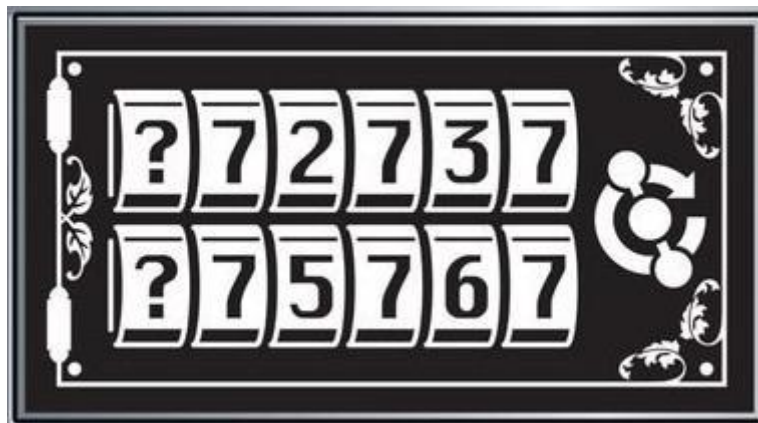
Mathematics Puzzle

Mathematics is important because it strengthens our ability to think rationally. Numeracy equips us with the senses of quantity, calculation, estimation, space, statistics, and probability. We all use these senses every day to interact with the world around us.

One way to build numeracy is to attempt difficult problems. Allowing time to think deeply about a solution develops our numerical senses. Deep thought creates and strengthens connections within the brain, which improves cognitive function and mental health—so maths is good for you!

Try to strengthen your brain by attempting the following question! (The solution will be in the next edition of the Bush Bulletin.)

What are the missing digits to the following safe combination?



(The answer to the question in the last Bush Bulletin is below.)

14 students

SPECIAL EDUCATION

Mr Sam Widmer

Head Teacher

The second half of this term has been another huge one for our boys in the Support Unit. They've been completely engaged in learning in all their subjects and had a great time with any and all extracurricular activities. Handball has continued to be a popular favourite at recess and lunch and Pictionary has become a new passion for some of the boys. We've been doing volleyball during school sport and the boys have been developing their passing, catching and serving skills. They've also been caring for our beautiful garden, taking the opportunity of Spring to get their hands grubby and help the natural world grow. Multicultural Day was a wonderful experience for the whole school but particularly for our boys as they soaked in the wonderful atmosphere and amazing culinary delights!

Science has been a huge success this term with so much fun and learning in the classroom and the laboratory. With our amazing Science teachers' guidance, the boys have explored how living things work as well as made a beautiful and delicious model of an animal cell out of jelly and lollies. They developed their ability to think scientifically by exploring the surface tension of bubbles. And what bubbles they were! As if that wasn't enough, the boys loved our visit to Taronga Zoo with the whole Year 7 cohort.

All of this learning has resulted in an abundance of awards for our boys. They've earned so many Triple-B awards, many Bronze Awards and even some Silver Awards. As well as this, some of our Year 7 boys were the first in their cohort to earn Gold Awards! One of our boys, Santiago, had his artwork selected for Operation Art 2022 and will have it exhibited at Sydney Olympic Park.

We're so proud of everything the boys have achieved this term; bring on Term 4!





TECHNOLOGICAL AND APPLIED SCIENCE

Mr Abderrahim Abbou
Head Teacher [Acting]

Contribution by Nagesh Madakasira

Industrial Technology Electronics

Year 12 boys have been on an excursion to the Wavetronics at Riverwood. Wavetronics manufacture Aviation signals, traffic lights and some precision medical equipment that work on electronic systems.

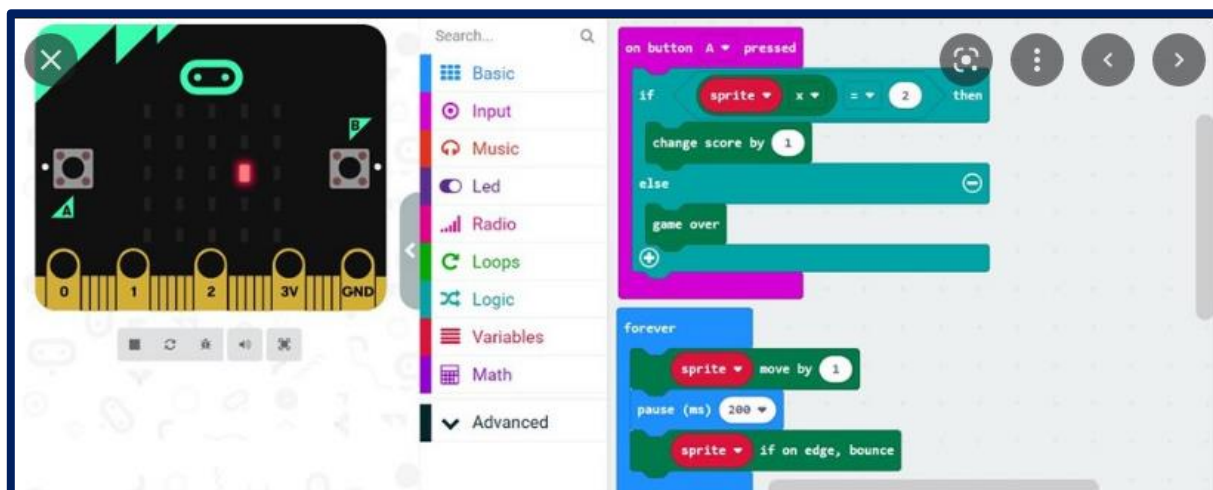
Most of the Year -12 boys have challenging projects based on Coding Arduino, Java, C++ and were designing their projects, based on the real needs of the society. Some of the interesting projects designed and coded by the students are Solar rechargeable battery-operated car, An automated fishing rod, Silent Clock alarm, temperature and humidity controller display, game machine and an electronic keyboard.

Students also designed their own portfolio based on the project they have been working on so that they can take it to the University to show the skills and talent they acquired when learning electronics at school. Most of the boys worked hard to complete their projects on time and that was really an outstanding effort by the Year-12 this year.

I would encourage the young minds, those who are keen to learn electronics to work on challenging projects that will serve the needs of the society. Industrial technology is project-based learning technique which is helpful for students. Electronics have been proven to be successful at Homebush Boys' High School.

Having Fun with Micro bits

Recently in Information Software and Technology, we have been looking into how to code using the programming language of Python, specifically through the operation of Micro Bits. These devices are miniature computers that serve as an entryway for understanding how coding works, much like the Edison robots from earlier in the year. However, unlike the Edison bots, the Micro Bits have much more diverse capabilities. They can be programmed to make sounds, form simple animations and even recreate games such as Tetris on a much smaller scale. As a result, they have become an increasingly valuable instrument to improve our skills in text-based programming. For such a tiny gadget, the simplicity of its design and functions allows it to act as an effective tool for making coding easy.



Written By Saurav Mainali Year 9

Keyboard



The electronics project I decided to make is a keyboard. This is a device with several keys arranged in a matrix. Each key has a symbol printed on it that corresponds to a character in the human language. By pressing a key, an electronic signal is sent through the keyboard matrix, this is sensed by a microcontroller and the binary data is sent to the computer. Keyboards facilitate human to machine interface. Without keyboards, humans would find it much harder to convey data and information into a digital machine for processing. By representing information transfer as in human languages, it is much easier for computer operators to understand the complex workings of a computer on at least a surface level. For this reason, keyboards are highly applicable in the modern day. The keyboard I have made is in the format of "QWERTY". In the invention

of the typewriter, the rods and hammers were constantly failing due to collision, and to alleviate this, the keys were staggered (unaligned) to ensure that this mechanical problem would not be an issue. Due to the usefulness of the typewriter, users began to rely on the layout for everyday things, so during the transition from the physical to the digital, users were much more productive with the QWERTY layout even as it is often considered to be not ergonomic or logical. The inclusion of the outdated features of the keyboard simply shows how consistently important keyboards have been to humans for decades.

Written By Hayden Law

Metalwork specialisation

Metalwork has been an amazing and unique experience for me. Being able to go home and know that I can make a pen and use some extraordinary machines in order to make that pen builds a lot of confidence for me and increases my pride when I do new things. Metalwork was never my thing but it seems as though that after actually doing metalwork it's something I would consider doing myself and having others involved to do the same. My teacher was Mr. Tserpes so I definitely believe that my experience really depended on how he taught and in the end it seems that my experience was amazing.

Written By Uzair Khan

Automatic Fishing Rod

The Automatic Fishing Rod is an advanced modified version of a regular fishing rod that was modified to automate the process of reeling in a fish. Using advanced sensors and a complex code to interpret data from these sensors, the control box will detect the interaction that fish have with the setup and decide when to start reeling in the fish. The hefty motor that was salvaged from a heavy lifting device then begins to generate some serious torque with help from the high output battery to reel in some impressively large fish.



Doing several electronics projects at school and working in the electronics classroom has allowed me to develop lots of skills that are needed to work with electronics. The projects we have made in the classroom had inspired me to create many projects at home but have also encouraged me to seek a much more advanced project to build that I could use personally. This is why I chose to make an automated fishing rod, which will allow me to develop my skills further in coding, microelectronics and mechatronics. I intended to make a device that would challenge my skills that I had gathered in the classroom, but also challenge my problem-solving skills and with the project being successful, it then automated a process in my life, which is fishing in this case.

Written By Mikail Boncukcular

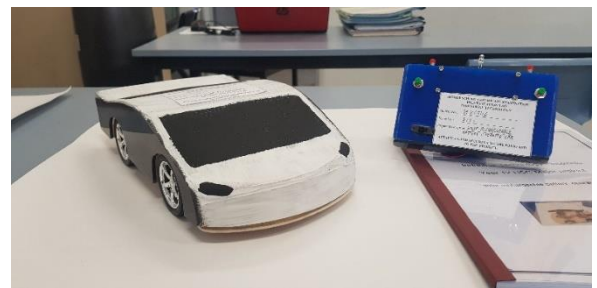
Silent Alarm Clock (with RGB LED)

The project I have been working on for my HSC is a Silent Alarm Clock (with RGB LED), this project works by showing the current time in bright colours, it can also be activated when you make 2 loud claps using the sound sensor it is able to show the time without making any noise. The process of making this project was difficult at the start as the instruction was a bit difficult, there were sometimes where I had to resolder some parts and take it out because it was not turning on but with the teachers help, I was fixing each problem. Once you understand each step you work through it quickly. Throughout the process of making this project I have learnt how to use Arduino coding which is what I used to make the LEDs Light up. I really enjoyed making this project because of the learning environment I was in, I had a lot of support which made It fun to work.

Written By Paul Kang

Solar rechargeable battery-operated car

The project that I have been working for my HSC major project is Solar Rechargeable Battery-Operated Car, which is controlled and steered by infrared remote control. The remote control sends the signal to the circuit of housing design, which it will receive and allow both sides of motors to activate. Right side buttons of my remote control activate right side wheels of my car, and left side buttons will activate left side wheels. I have designed my car to easily open the inside, so I can change the battery whenever I want without damaging the project and can be used as entertainment purposes.



Written By Seungjun Song

Automatic brightness controller and temperature / humidity display



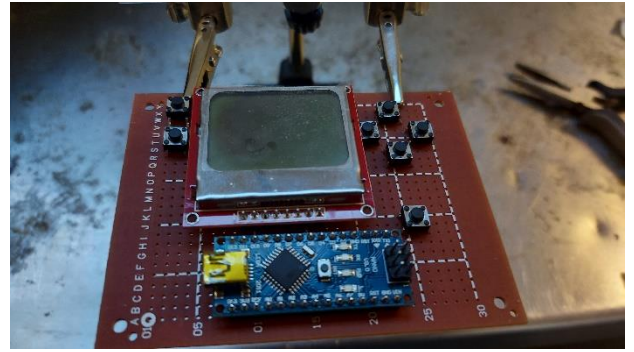
My project is called the "Automatic Brightness Controller with Temperature and Humidity Display". It has 2 functions that it does simultaneously. The first function is to detect the light level in the room using a light sensor and transmit that value to a program on the computer, which will do some calculations and change the brightness of the monitor accordingly. The second function of my project is to detect the temperature and humidity and displays the values onto a little LCD screen, which also changes colour depending on the temperature and humidity. There is an update button, which sends the brightness value to the computer immediately (instead of every minute), and a reference paper which can be used as reference to compare to the monitor brightness.

Written By Syed Noor

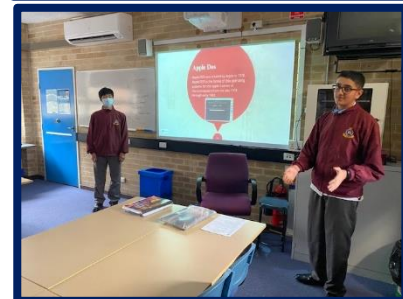
Game machine

The Arduino Game Machine is a gaming console where you can play your favorite arcade games like Tic Tac Toe, Asterocks, Super Crate and UFO race master. With just a click, you can immerse yourself into the nostalgic 80s era without having to travel to an arcade centre. The console consists of 6 controls in total; 0,1,2,3 for the in-game controls and A | B for menu controls. The Arduino Game Machine can be so addictive that you might what day it is, so don't lose track of time, ENJOY!

I began studying electronics in my eleventh year because I was quite passionate and inquisitive, which helped me advance effectively. The majority of our experience using machines to create our own projects is spectacular. I've worked on and finished projects like the 3 Led Chaser on a breadboard and on an Integrated Circuit (IC), the Skeet Shoot Game, Analog Radio, and Street Traffic Lights over the past few weeks. For these projects, I used tools like the bandsaw, disc sander, wood cutter, drill, solder, multimeter, gripping pliers, cutting pliers, and glue gun. I used Arduino IDE to program my gaming machine. Games like Pacman, Space Invaders, Pong, Donkey Kong, Asteroids, Tetris, and many more will be accessible on this device. With the use of coding and mechatronics, I assembled my own tools, materials and building my project from the ground up. Soldering and programming were my two key areas of concentration for this project. I had decided to pick this project because games are one type of leisure, therefore I've decided to focus on that. In reality, gaming is a mental exercise that is covered up as fun. Customers may enjoy basic 70s pleasure with a cheap, no-internet-needed Arduino gaming machine.



Written By Syed Shuaib Warisi





LITERACY & NUMERACY

Mr Martyn Bawden
Strategic Planning Advisor



Year 7 & 9 students

NAPLAN reports will already have been distributed to all Year 7 & 9 students by the time of publishing of this newsletter, providing important information to parents and schools about student language, reading, writing and numeracy skills. Parents, please contact the school if for some reason you have not received your son's report.

Year 8 students

This is a reminder of the importance of this Semester for Year 8's readiness for **final NAPLAN tests**, scheduled early next year. Again, vital programs to access are:

- **Homework Help**, running each Monday and Tuesday for one hour after school, in the Library. Valuable support for literacy and numeracy is available at these times.
- **Weekly on-line literacy & numeracy homework quizzes**, set up for all Year 8 students, and available through Google Classroom. These take about 15 minutes per week, are due each Sunday evening during Terms 3 & 4, and provide practice in NAPLAN-style questions. They all give instant scores and feedback, and parents will be shortly be sent reports about their sons' participation and progress.

Aside from this, follow-up is being done with a number of students in relation to their **writing skills**. Please encourage your son to take all the support that is offered him!

Year 10,11 & 12 students

Catch-up **Minimum Standards tests in reading, writing and numeracy** are taking place for those students who have not yet satisfied these standards. Year 11 and 12 tests have been completed for the Term, and Year 10 tests are currently taking place.

Again, if parents would like to find out more about their sons' Minimum Standards status or support needs, please contact me at the school.

All students



DON'T FORGET - Homework Help is available, after school for one hour in the library, on each Monday and Tuesday of the school Term. Assistance, especially in literacy, is available at these times. Make use of this valuable time!

If there are further enquiries, please ring Mr Bawden (Literacy/numeracy Support Person, Tuesdays/Thursdays) at the school.

YEAR ADVISOR REPORT

Ms Christy Cheung

Year 7



Year 7s have successfully passed another term in their first year of high school. Only one term to go! They will have their assessment tasks early next term, so they should prepare for them over the holidays and/or as soon as they return to school next term.



On Week 10 Tuesday, Year 7s witnessed the first Year 12 graduation assembly of their high school career. They had a brief look into their future selves as Year 12s gave their final farewells to the school in their last full school assembly. The Year 12s looked back on their six years of high school and gave great advice regarding the regrets they hold and things they wished they had done in their years at school. Hopefully, Year 7s will take their advice to heart and make the most of their remaining 5 years at high school, taking every opportunity offered to them starting now!



During the last Year 7 assembly of Term 3, Ms Chapman presented to Year 7s about wellbeing and building resilience. It is important for everyone to look after their health, physically and mentally. Relax every so often (which includes taking regular breaks while studying), have enough sleep, eat healthily, do hobbies you enjoy and exercise regularly. Make sure to talk to someone trusted whenever needed and try to take a positive mindset into everything you do. Enjoy the holidays and we look forward to embarking on Year 7 camp in Week 3 next term!

YEAR ADVISOR REPORT

Mr Elie Kisso

Year 8



Term 3 Wrap up

What a wonderful term we have witnessed at Homebush Boys High School. Year 8 were able to participate in a multitude of annual events which make our school what it is. Firstly, our annual multicultural day was celebrated with great joy displaying the array of diversity the school has.

Students were able to enjoy a fascinating and intriguing assembly with a variety of performances and not to forget the endless range of cultural food from Greece, Turkey, Pakistan, India, China, Korea, Australia and more! This day encapsulates the ethos of Homebush Boys High School and how embracing and being proud of your heritage oozes throughout the DNA in our community.

Throughout the day I witnessed Year 8 students indulging in these authentic cuisines, and it was great to see many of our students helping at different stands.



RU OKAY Day 2022

Mental health and suicide are a serious issue that hurts people of all ages. This year we proactively built a team that tackled these issues and set a goal to raise awareness on suicide prevention. Being in an all-boys school setting statistics show that males are far less likely to speak up about how they feel or talk to a friend in times of need. With the help of Chi Holland, Arvind Lo, Judah Gray and Ekrem Uyük of year 8 we were able to create a team of students who tackled this issue first hand.



R U OKAY Day Assembly

During our regular assembly period we were able to utilise the time to theme the assembly around R U OKAY day. Myself and the student's stood proudly in front of the whole school and shared our own thoughts regarding the matter. I am immensely proud to say that these students were able to stand in front of an audience of over 900 people to deliver these speeches. Bravo!

Students also worked tirelessly to place posters around the school which further raised awareness regarding the issues. This was spearheaded by Ekrem Uyuk who took the challenge with both hands. Not only did the students think about their classmates but also about staff and provided each staffroom with a conversation guide in case they were ever needing to speak to somebody.

Written by Chi Holland



Mental health, we have all heard of it, but what do we do about it? Mental health is a common situation for people to experience. But it is the impacts that affect us the most. For example, from the 1st of January to 31st May this year, there were 431 suspected deaths by suicide recorded in New South Wales alone. Could you imagine what that would be around the world? But what makes these statistics alarming is that around three-quarters of this number is contributed by males. The sad thing is, this is preventable, just three words can change someone's life, "are you okay?"

The importance of R U OKAY day at Homebush Boys High School is a big thing. On this day we spread awareness of mental health and help others. Homebush Boys has been around since 1936. Many people have passed through this school giving thousands an opportunity to gain knowledge. So now it's about time to also include the wellbeing of the students.

RUOK day means a lot to myself and the other team members. This day is not just about selling wristbands or running a sausage sizzle but is more about helping students with their wellbeing because as times get harder our mindset may become more complicated and can make us overwhelmed. So, it is important that we take action, and just remember 3 words that can change someone's life, "are you okay."



Written by Judah Gray



RUOK is an Australian non-profit suicide prevention and wellbeing organisation. Founded by Gavin Larkin in 2009, R U OK advocates for people to have conversations about their mental health with others, such as friends and family. RUOK day is held on the 8th of September, but we are hosting our event today. We will be holding fundraisers for RUOK day and all the proceeds will go to the organisation. We will be selling wristbands and also having a sausage sizzle for you all to join. It is not just about selling food but to gather together and have a conversation with a mate.

Everyone, and I mean everyone, has had their fair share of anxious moments. Sadly, it is something that everyone will suffer from at some point in their life, whether it be in school or later in life. We have gathered some stories from our team members, and others on why we joined the RUOK day team and what it means to us.

I myself, never really thought about mental health until recently. After the large lockdowns we had, I began to think about and realise how much people's mental health matters, so many of my friends didn't even want to go to school anymore after having close to 0 social interactions for over a month. This prompted me to join the RUOK team, so that I can help many people with their mental health since it means a lot.

Written by Arvind Lo



On R-U-Okay Day we always start off by asking others "are you ok?" This will then shape the way for a meaningful conversation with another person. There are guides set up around the school to help spark a conversation with someone. We will be running a sausage sizzle fundraiser at lunchtime and all profits will go towards the RUOK foundation which will fund initiatives to raise understanding of mental health; this fundraiser is one of many things we can do on R-U-Okay Day. We will also be selling Wristbands for 2 dollars. Your generosity will be greatly appreciated and as they say a little will go a long way.

R U OKAY Day BBQ

As you can see the BBQ was flaming and so were the sausages. The team also consisted of members from the SRC and other volunteers who willingly spearheaded the operations of the BBQ so everybody could enjoy a snag or two!

A big shoutout goes to Anmol Sapkota of Year 12 who manned the BBQ and made the best snags in town!



Raising funds through school community donations, the sausage sizzle and selling wristbands the school was able to contribute **\$1200** to the R U OKAY day foundation.

This is a magnificent feat the whole school community should be proud of. We hope to make this event a tradition at Homebush Boys High School and continue to all do our part.



Prefect Raffle

"It is with pleasure to announce that one of our Year 8 students - Ayman Radwan was the lucky winner for the prefect raffle hamper. As you can see, we needed to organise alternative travel arrangements for Ayman as the hamper was almost as large as Ayman. This is a wonderful joy for Ayman and the school community could not be happier with his success. Ayman stated on numerous occasions he purchased just one ticket, shows how lucky one can be! A huge congratulations for the successful raffle hamper event run by the prefects who continued to contribute to our rich active citizenship culture at Homebush Boys High School"



YEAR ADVISOR REPORT

Miss Michelle Coutinho

Year 10



Year 10 had quite the busy term filled with guest speakers, student-led fundraisers and multiple boys being chosen to go on work experience. We had the Blue and Maroon assembly this term and I am proud to say Year 10 is still leading the way with the highest amount of awards given to students this year. We also held a special assembly for a Talk Money presentation designed for year 10 students. The presentation was designed to enable students to explore ways to make money to help build financial independence and how to navigate the workplace including understanding their rights at work and managing superannuation and tax.

Christopher Khim, Jerry Lin and Brandan Thai were also selected after an application and interview process for an engineering work placement. The boys had a fabulous time and made us all very proud with glowing reviews from their employers. The boys have shared their experiences below.

Environment Club - Brownies and Milk Fundraiser

The Environment Club fundraiser was a huge success! The club held a brownies and milk day and they sold out of their yummy brownies pretty quickly! Well done boys on your efforts in raising funds for a refillable water station. I would also like to say a huge thank you to all staff, parents and students for their support and those that contributed to making brownies in their own time. We raised a total profit of \$602.80 on the day which is huge. The Environment Club has now raised almost \$2000 in total due to our fundraising and ongoing return and earn initiative at school - making us very close to our ultimate goal of a refillable water station for the school.



Year Assembly - Money Talk Presentation



Work Experience Report: WestConnex

Written by Christopher Khim & Jerry Lin



During Week 8, Christopher Khim and Jerry Lin were given the opportunity to experience work placement for three days under Australia's largest road infrastructure project, *WestConnex (WCX)*. This work experience was directed to providing us with first-hand experience into the many fields of engineering such as civil, mechanical and electrical, and office-based work.

On our first day of work experience, we were welcomed and greeted by many friendly project engineers and other WCX employees as soon as we stepped foot into the project office. We began familiarising ourselves with the environment and the crew and began conducting office-based work and attending meetings where we discussed reviewing project plans, programs and RFIs (request for information) documents. Later that day, we were tasked with the provision of personal protective equipment (PPE). Leading us for the day was Erin McKnight, Community Engagement Advisor at WCX and the host employer for our work placement. With the PPE prepped, Erin drove us to WCX's Motor Control Centre (MCC) where we delivered the PPE to unexpected guests and met with Natalie Ward, Minister for Metropolitan Roads of NSW. Soon after, we were taken into the MCC where we got to meet with another employee at the site, Peter. Peter guided us through many control centres showing the maintenance and



network wide traffic monitoring the Link Tunnels. After a final introduction to the crew at MCC, we were dismissed with thoughts and memories of an amazing day and we were delighted what the next few days would bring.



As we arrived at WCX's project office on our second day of work experience, we were greeted with two project engineers, Jack and Rohan, where we'll be led onto a construction site to inspect assets for defects and record punch list items. Before that, we were given an office induction, a safety brief ahead of site visit, and provision of PPE. Afterwards, we arrived at St Peters Interchange and entered the M4-M5 Link Tunnels. From here, we undertook an expedition across the tunnels where we were explained many aspects and features of the tunnel. Likewise, we were enlightened with the new-found knowledge and experience delivered by civil engineers.

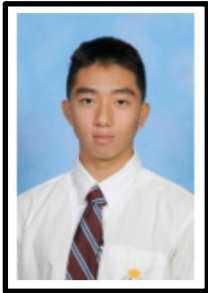
On our last day of work experience, Harry, a mechanical and electrical engineer (M&E), and Craig guided us to the M4-M5 Link Tunnel at Haberfield. Both the engineers escorted us to Parramatta Road Ventilation Facility where we learnt how the facility operates and more about inside the tunnels. This gave us a much broader understanding of how operations are conducted in and out of the tunnels.

Overall, this three day work experience with WestConnex was wonderful. We sincerely appreciate Ms Anton and Ms Coutinho for offering us this valuable experience. We would also like to thank the WestConnex staff who gave up their valuable time to make this work experience the best experience possible for both of us.



Work Experience Report: WestConnex

Written by Brandan Thai



Day 1 (5/09/22): Surveying and geospatial engineering

Day outline: Our first exercise was at Belmore Park where we met Don Urquart who was a full-time surveyor who worked for the city of Sydney. Surveyors take measurements to determine land and property boundaries, prepare maps and survey plots. In this exercise, we learnt how to use terrestrial laser scanners which were scanners that measure vectors, angles and distances. These instruments are used primarily for Surveying, Topography, Mining, Architecture, Archaeology, Monitoring, Civil Engineering and City Modelling. Terrestrial laser scanners scan everything around it in a short time, making 3d models of buildings and measuring buildings. We also learnt how to use a GNSS which stands for global navigation satellite system. A GNSS is much more accurate than a GPS, it tracks every satellite to provide accuracy of 10mm horizontally and accuracy of 40mm-50mm vertical accuracy. We then met Laura and Ben, who showed us survey marks. Laura showed us how to use a total station. A total station is an electronic/optical instrument used for surveying and building construction. It measures accurate angles and distances electronically by emitting and receiving multiple frequencies and determining the integer number of wavelengths to the target for each frequency.



We then went to Circular Quay where Craig talked about the Opera House and how surveyors were involved during the construction process. We also did an activity where we had to find the exact coordinates of the Sydney underwater tunnel using GPS.

Finally, at the end of the day, we did a surveying exercise near UNSW, where we used total stations and our surveying skills to determine how much a bridge sagged when several students stood on it.

Day 2 (6/09/22): Electrical and telecommunications

Today, we learnt about electrical engineering and telecommunications. Kindly, professor Julian Eps, Roy Zeng, Simon Maunder, Hassan Habibi, Shane Xie and Dan Xiao led us throughout the day.

Day outline: At the beginning of the day, we started off with a presentation with Professor Vijay Sivaraman. He presented his company called Canopus and Cyamast (founded in 2020). Canopus is a terabit scale traffic analytics using SDN and AI.

Key features of Canopus:

- Ai-based fingerprinting and classification
- Encryption-proof statistic profile learning
- Scalable from 100G to multi-Tbps
- Risk-free: tap traffic

CANOPUS

NETWORKS

Topic two: We then had a tour around the labs at the Electrical communication and telecommunications building. Professor showed us multiple labs including the faraday cage which protected us from high voltages, the anechoic chamber which was a radio-proof chamber. He also showed us white box switches. A white box switch or white label switch is a network switch that is assembled from standardized commodity parts. White box switches run on off-the-shelf chips. After that, he briefly showed us quantum computing. Quantum computing is a type of computation whose operations can harness the phenomena of quantum mechanics, such as superposition, interference, and entanglement. We learnt about quantum physics and how power travels wirelessly.

Topic three: After lunch, we learnt how to solder. Soldering is a process in which two or more items are joined by melting and putting a filler metal into the joint, the filler metal having a lower melting point than the adjoining metal. We got to solder a Bluesat dice kit which was an electronic dice with 6 light bulbs active at the dice. We learnt many practical soldering skills in this activity as professor Phil Allen taught us how to and how soldering works.



Day 3 (7/09/22): construction and innovation

Day outline: 1st site: To start off the day Multiplex presented a slide show showing us elements of structure and services put into the S3 building. Multiplex is an international construction contractor founded in Australia and currently headquartered in London, England. Then we went to observe the construction that Multiplex put into the S3 building. NEXTDC is a data centre that is a building dedicated to housing computer systems and processors. Nicola then showed us around the NEXTDC building. The most exciting thing I saw was the large 20-cylinder generator that was used as a backup power supply.



2nd site: We then went to John Holland-CPB where we got shown what it is like to be a civil engineer. It was presented by Ben Baillieu, which was the project manager and Jordan Hunt who was a junior engineer. We were shown the process of tunnelling which included tunnel excavation, tunnel fit-outs, Mechanical, electrical and the opening to traffic process. The West connex project which we were on is the interchange connecting the M4 and M5. Furthermore, it branches to connect the Anzac bridge, the Harbour bridge and the future western Harbour tunnel. In total, this tunnel will have 22.4km of mainline (all within a 2km² area). Once done with the presentation, we spent the remainder of our time scoping out the site.



Day 4 (8/09/22): water and sustainability:

Day outline: Topic 1: UNSW: Water Research Laboratory

To begin our day, after meeting at Central Station, we made our way onto the bus and went to UNSW water

JOHN HOLLAND



research Laboratory where we met Mary, a PhD student and were shown the research projects. Next, we were taken to see a flume designed by Nadav Coton, another PhD student at UNSW. The purpose of a flume is to see the wavelength oscillation. By measuring the level of crest and troughs to measure the flow of water in open channels.

Hiruni Kammanankoda then showed us ways to transport fish upstream through weirs. A weir or low head dam is a barrier across the width of a river that alters the flow characteristics of water and usually results in a change in the height of the river level. Weirs are also used to control the flow of water for outlets of lakes, ponds, and reservoirs. They break up the natural flow of the water and stop fish from migrating. They stop fish pathways and reduce fish migration by 90%. Hiruni is a PhD student that looks at fish attraction by creating different passage ways. She invented a new project that allows fish to move upstream, the fish gets shot up a pipe to enable passage. This method is much cheaper than fish ladders as it costs 10-15 thousand dollars, whereas fish ladders cost one million for 1m Height.



We then met Kristen Splinter who was an Associate Professor. She researches how beaches change from waves. She filled up a flume with sand to simulate a beach. She researches spillways such as grass lining and vegetation, it is used in flood occasions as it slows down floods. Rocking avoided erosion as it protected and supported structures around shorelines.

Topic 2: UNSW Environmental Building: We walked down to the environmental engineer lab with Doctor Ruth to perform exercises

after taking a tour of the campus during lunch. In the exercise, we were given a set sum of money to spend on equipment in an effort to purify contaminated water. The goal of this activity is to illustrate how different countries' levels of wealth and economies compare to how pure their water is.

Day 5 (9/09/22): Structure and design

Topic One: We went into the civil and environmental building to start the day. Professor Ehab Hamed gave us a briefing in this building on the difficulties in designing buildings in respect to forces and balance.

Structural Engineering Processes:

1. Planning: make sure it's safe, effective, and functional
2. Review Structure analysis: examining member displacements and member forces
3. Designing Force Transfer into Streets
4. Construction – The last stage, in which it is built and then inspected.

Topic 2: Ziggy Napier Presentation

We returned to the same room after a little break for morning tea in the building's hallways, where Professor Ziggy Napier, the director of major projects at the Sydney Opera House gave us a presentation on what engineering is. Since the building's infrastructure hasn't been touched in more than 45 years, this initiative aims to renovate it. Especially the concert hall, which reopened in July after shutting down in 2020. Struggles with locating the materials and contractors with the skills/techniques that were used when it was created in the 1970s, as well as objections and dissatisfaction from investors and the community.

Topic 3: BUILDING A BRIDGE!!

15 groups of six people each laboured diligently for two hours (including a break for lunch) to construct a bridge out of paper straws, tape, and string. Danial, Zena, Trish, Lachlan, Ethan, and I collectively scored 27 points, 20 for Test 1, 7 for Aesthetics, and 279 grams for our car. I am proud of my group and the work we did, however, perhaps two straw crosses on the legs/pillars would have kept the bridge from collapsing.



I want to thank everyone who gave up their time to educate me throughout the course of this five-day session, especially Tricia and Mrs Anton for organising this program. I have learned so much new information during the week, not just about engineering but also about working in groups and gaining teamwork skills.

YEAR ADVISOR REPORT

Ms Rashmi Singh

Year 11



This term has been both, exciting and challenging for the year 11s.

To prepare them for the HSC next year, Ms DiBiasi, conducted a workshop on stress free HSC during the year assembly. The tips were greatly appreciated by the students and has helped them to adopt them during their yearly examinations in week 8 and 9 of this term. There will be more workshops in coming terms and all the material shall be posted on the Google classroom for easy access.

Basil Rana, an ex-Bushy boy who finished his HSC in 2016 with flying colours, also visited the school to share his journey with the students. The Year 11 could easily relate with his battles and asked many smart questions during the Q&A session after a good 30-minute talk by Basil.

Last but not least, the School Captains, Vice-Captains, Sports Captain and Senior Prefect including the Prefect body for the 2023 have been chosen and we would like to take the pleasure of introducing the team:

Aryan RODRIGUES: School Captain

Keerthan KOPPELA: Prefect

Venkatvidipreddy MALLEMALA: School Captain

Ryon NGO: Prefect

Ayman CHAABOU: Vice-School Captain

Manav PARMAR: Prefect

Kinana ARSIWALA: Vice-School Captain

Noah RAYMOND: Prefect

Abishek KARNAN: Sports Captain

Sameen ROKA: Prefect

Aman JIFRY: Senior Prefect

Piraveen SIVACHCHANDRAN: Prefect

Jackson AYOUB: Prefect

Sanila VITHANAGE: Prefect

Kelvin CHEN: Prefect

William WU: Prefect

Marc GARCIA: Prefect

Sulaim ZAMEEL: Prefect

Zane HAMAD: Prefect

Harrison ZHANG: Prefect



*Basil Rana
addressing
Year 11s*



Q&A Session



Deputy Principal, Ms J Dalamagas



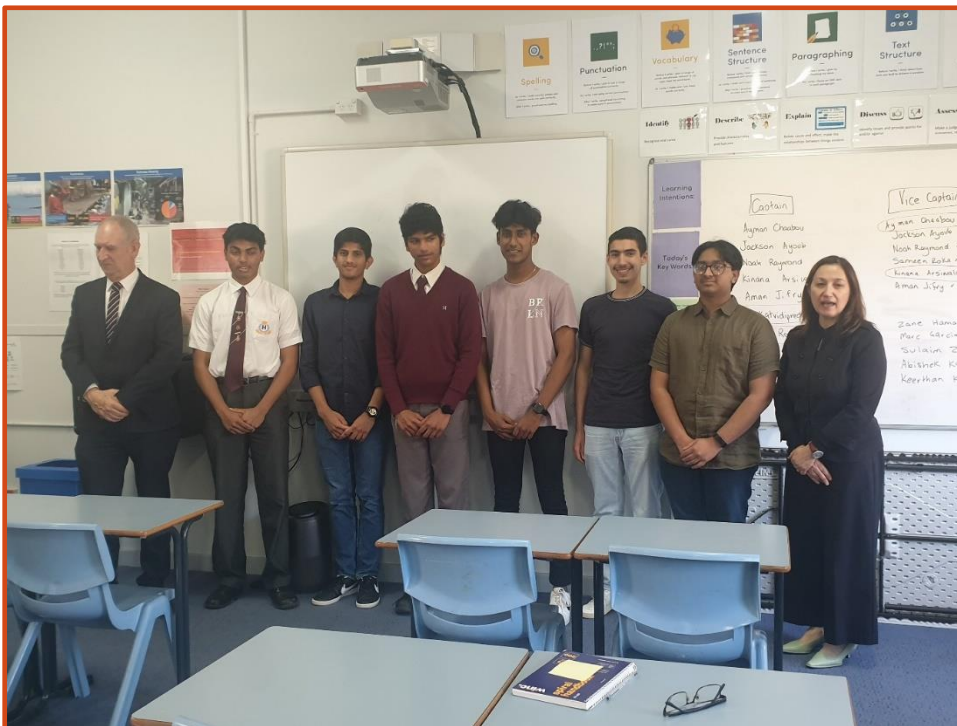
Performance by Marc Garcia and Daniel Choe



Ms DiBiasi talking about study stress and strategies



The Prefect team



From L to R: Principal - Mr Elgood, Abishek Karnan, Kinana Arsiwala, Venkat Mallemla, Aryan Rodrigues, Ayman Chaabou, Aman Jifry, Deputy Principal – Ms Dalamagas

Have a relaxed and safe holiday everyone. Come back recharged for the most precious year of your school years



DONATIONS

SCHOOL-UNIFORMS- ARE-REQUIRED

Do you have uniforms that your son has outgrown and are in good condition? \$

Please send to the Front Office at your earliest convenience

UNIFORM-POP-UP-STALL IS-COMING!!

Parents-&-Citizens-Association

Homebush-Boys-High-School

Emergency Services Family Day



OVERVIEW

Cumberland and Auburn Police Area Command along with Cumberland Council will be hosting an Emergency Services Family Day on Wednesday 5th October 2022. Each agency is looking to re-engage with the local community through fun activities and the opportunity to engage with Emergency Services Staff, vehicles and equipment. Participating agencies include: NSW Fire, SES, Ambulance NSW, Cumberland City Council and sections of the NSW Police Force including Dog and Mounted Units, Rescue and Bomb Disposal Unit, Highway Patrol, Aviation Command.

INFORMATION

Who: Young people and their families
When: Wednesday the 5th of October 2022 (school holidays) from 10am to 1pm
Where: Eric Tweedale Stadium, Granville Park, 2 Montrose Avenue, Merrylands NSW 2160
Cost: FREE



Helicopter photo opportunity



Barbeque fundraiser and food services



Emergency services information





**STRATHFIELD
CRICKET CLUB**

2022/23 Season starts soon!
U9, U11, U13, U15

**REGISTRATIONS
NOW OPEN!**



For further information or registration
visit
www.strathfieldcricketclub.com.au

or contact
cricketstrathfield@gmail.com

*Eligible families can use their
ActiveKids vouchers*

Strathfield North Public School

Celebrate 100 years of stories

1922 - 2022

Open day

Saturday 12th November 2022

10:00 am - 2:00 pm



10:00 am Whole School Welcome Assembly

Followed by

Open classrooms

Historic displays

Student artworks & performances

There will be food, memorabilia & souvenirs

available for purchase

RSVP using the QR code by

Friday 28th October 2022

