



# The Weekly Pines

Northern Beaches Secondary College

## Manly Campus



*Academic Excellence ★ Personal Best ★ Giving Back to the Community*

Principal: Ms Cath Whalan

Deputy Principals: Ms Kathy O'Sullivan  
Mr Alex Newcomb

16 August 2019 – Newsletter No.16

## From the Principal

### Year 12

Year 12 students have now completed their HSC Trials and many are gearing up for the submission of Major Works and HSC Performance Examinations over the next few weeks. The HSC Dance Night, held on Thursday evening, provided an opportunity for students to showcase their HSC Performances prior to the examination next week. Year 9 and 10 Elective Dance students also contributed to ensuring the night was such an enjoyable event. The HSC Drama Night will be held next Thursday evening and students and parents are most welcome to attend.



### Applications for Year 8 - 11 2020

The Higher Ability Selection Test (HAST) was held last Saturday morning. The number of applications increased significantly from last year, particularly for entry to Year 8. The selection committee will meet to consider all applications as soon as the results are provided to the school and offers will be made before the end of this term. Thank you to everyone who applied to join our school and to the staff who coordinated the process and supervised the test.

### Subject Selections

Over the next few weeks, students from Year 8, 10 and 11 are involved in processes to support their subject choices for 2020. The interviews for Year 11 students were held this week and provided an opportunity for students to reflect on their strengths, study skills and to carefully consider their HSC pattern of study. Interviews for Year 10 students and their parents will be held in Week 6.

The Year 9 2020 Course Information Evening, to be held next Thursday evening, will provide an opportunity for students and parents to ask questions about the electives on offer and see examples of the work covered in the different courses. All Year 8 parents and students are encouraged to attend to ensure they make informed choices regarding their electives.

**NBSC Manly Campus**

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## Year Adviser Awards

Congratulations to all students in Year 7 to 10 who were presented with a Year Adviser's Award on Thursday. These awards are presented to students whose Semester 1 reports demonstrate outstanding achievement across the majority of their subjects or who have shown significant improvement from their previous reports. Year 11 and 12 awards will be presented at the next Year Assembly.



*Year 7 Year Adviser Award Recipients*



*Year 8 Year Adviser Award Recipients*



*Year 9 Year Adviser Award Recipients*



*Year 10 Year Adviser Award Recipients*

## Presentations

Outstanding achievement was recognised at the whole school assembly on Tuesday. Congratulations to the following students who achieved in the top 1% of the Australian Geography Competition:

Year 11 - Lauren Griffiths

Year 10 - Josh Hort, Ryan Lynch, Felix Barbeler, Levi Newport, Noah Sawyer, Douglas Carroll, William Murray, Thomas Hawkeswood, Stephanie Evans, Gemma Cooper, Alex Yuen, Matthew Robinson, Max Oldham, Olaf Braaksmamenks

Year 9 - Aidan Moore, Krystof Zajicek, Leah Pan, Louis McKay, Andrew de Montfort

Year 8 - Jack Peterson, Ruby Geddes, Samuel Stoddard.



Certificates were also presented to students who competed in the NRMA Future Transport Challenge. Congratulations to Year 10 students Alex Yuen, Alex Todd, Ryan Lynch, Josh Hort, Mitchell Gayfer, Daniel Duncan, Rory Self, Daniel Field, Max Oldham, Alex Polis, Jamie Palangio, Levi Newport and Anna Dahlstrom.



## Upcoming P&C Trivia Night



Tickets for the P&C Trivia Night on Saturday 24 August, are selling fast. There are a few tables of 10 still available as well as some spots on other tables. You can purchase your ticket/s through trybooking for \$35. With the theme of Christmas in August it is sure to be a fun and festive night of trivia as we raise money for P&C initiatives at our school.

*The French word "Noel" is often used around Christmas, but what was its original meaning in Latin?*

*What was the poem "Twas the Night Before Christmas" originally titled?*

*In the song Twelve Days of Christmas, what is given on the 7<sup>th</sup> day?*

### Manly Alumni

Lisa Damanin (Year 12 2009) exemplifies our school ethos of *personal best* and *giving back to the community*. Lisa has completed a Bachelor of Commerce degree (Liberal Studies), was awarded Australian Female Sailor of the Year in 2015 and won a silver medal in the mixed Nacra 17 at the 2016 Summer Olympics in Rio de Janeiro. She is passionate about raising awareness of environmental issues through her participation in 'Sailors for the Sea'. Lisa also strives to make a difference to others and believes '*hard work beats talent when talent isn't willing to work*' - a sentiment shared by many at Manly. Her personal mantra is '*Destiny is a matter of choice, it's not something to be waited for, it's a thing to be achieved.*'

To listen to a recent interview with Lisa go to:

<https://www.playersvoice.com.au/lisa-darmanin-brown-water-islands-plastic/#kXCAfzIcLlre6yq.97>

## Congratulations to:

- Chun-Ta Wu (Year 8) has been selected for NSW Schools State Team for Golf. The team will be playing for NSW in the 2019 Australian Schools 15 Years and Under Golf Championships in December.
- Luke Thom (Year 8) who attended the Shotokan Karate-do International Federation (SKIF) World Championships held in the Czech Republic. Luke was part of the Australian representative team and was one of the youngest 5 team members.
- Ciara Smith (Year 11) who recently won the Football NSW State Cup. Ciara is part of the Avalon W18 team and has also won her Manly Warringah Division 1 League for the 6th straight year.
- Zoe Dransfield (Year 11) who competed in the 29er World Sailing Championships in Gdynia Poland. She finished mid fleet in Silver fleet 72/180 boats and 11th out of 57 Girl teams.
- Alanna Manfredini (Year 12) who competed in the NSW Year 12 division of the 2019 Young ICT Explorers competition at UNSW last Sunday. Alanna was awarded 2nd place for her entry of an "Interactive card playing robot" which can see, hold and play its own cards and was built using the LEGO EV3 kit and the Pixycam vision camera used in the Manly Campus Robotics Club, where she is a mentor.



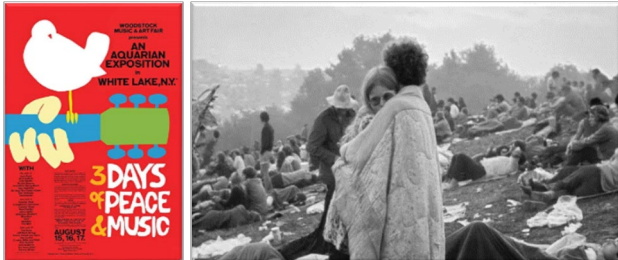
In this regular feature, we like to recognize students who have achieved highly in school and community events, competitions and activities. Demonstrations of the school ethos of academic excellence, personal best and giving back to the community deserve to be recognized. Parents are welcome to phone or email the school any achievements that we may not be aware of, for inclusion in The Weekly Pines.

**Cath Whalan  
Principal**

# From the Deputies

## 3 Days of Peace and Music

Fifty years ago, from 15 - 18 August 1969, over 400,000 young people headed to a 600 acre dairy farm in Bethel, New York for a music and arts festival. This farm was 70km south west of the town of Woodstock.



At the tail end of a decade marred with domestic civil rights tension, political assassinations, nuclear threats and war; these young American baby-boomers came to celebrate unity, peace, freedom and the rejection of the conservative views of held by members of the older generations.

Retrospectively viewed through (circular) rose glasses, Woodstock has become a legendary symbol of youth counterculture, a key historical event that defined the 'flower-power' generation. There were 32 acts that included legendary performances from Jimi Hendrix, Janis Joplin, The Who, Creedance Clearwater Revival and Joe Cocker.

Woodstock received much notoriety from the media at the time, namely that it was overcrowded with traffic jams, suffered from wet weather, had a lack of food and toilet facilities, and there was rampant use of illicit drugs. Originally selling 186,000 tickets, the organisers were not prepared for the doubled numbers - with the fences been ceremoniously cut down and declared free entry in the spirit of the event. Remarkably, there was not one reported incident of violence other than the burning down of a food vendor's stall in protest of overpriced hotdogs. Documentation and recounts tell a story that indeed captures what these people were trying to achieve.

Luckily our Manly Campus Pinestock events, named after Woodstock of course, capture all that was positive about this historical event. With our newly widened driveway, plenty of amenities and stalls,

and a well-informed and health conscious community, there shouldn't be any traffic jams, lack of food or toilets, or poor lifestyle choices. Whilst one can't always rely on the weather, we look forward to coming together and celebrating a day of peace and music on Tuesday 27 August. When students and staff don their 'flower-power' outfits based on the original 'Woodstock' theme - maybe they can reflect upon, and celebrate, the importance of this historical event in paving the way for greater youth agency.

**Alex Newcomb – DP (Year 7, 9 & 11)**

**Kathy O'Sullivan – DP (Year 8, 10 & 12)**

## Year 10 into 11 Interviews

In support of our students' transition into Stage 6, we will be conducting Year 10 into 11 interviews during Week 6 (August 26-30). The interviews will be held with Ms O'Sullivan (Year 10 Deputy Principal), Ms Truong (Year 10 Advisor) and Ms Rixon and Ms Colby (Careers Advisors). Each student will able to choose ONE of these staff members for their interview.

The purpose of these interviews will be to:

- Provide students with an opportunity to speak with a staff member who cares about their individual progress and their future
- Discuss students' subjects selections for Year 11
- Discuss strategies for dealing with increased demands of Stage 6
- Help students consider their future plans  
Parents/carers are encouraged to attend these interviews. They will last 15 minutes and will be based on the student's responses to a pre-completed questionnaire.

The Interview booking site will be open at 6pm on Monday 19 August.

To book an interview, students must:

Go to [www.schoolinterviews.com.au](http://www.schoolinterviews.com.au)

Use the event code: **hw54f**

Book an interview time with ONE staff member (during a lesson, recess/lunch, before or after school).

Complete the interview questionnaire form that you were emailed this week, prior to the meeting.

We look forward to having the interviews with you in the near future.

**Ms O'Sullivan DP (Year 8, 10 & 12)**

## Parent Seminar

### Supporting Young People's Wellbeing

Guest Presenter: Sarah Adlington PACFA Reg. Clinical

**When: Wednesday 28 August**

**Time: 6:30-7:30pm**

*(followed by light refreshments until 8pm)*

**Where: School Hall**

**Cost: \$10 per family** *(the number of people attending must be indicated when making payment)*

Sarah Adlington is counsellor who has over 20 years experience working closely and supportively with children, teens and adults. In addition to her private practice, Sarah is involved in the Ku-rin-gai Youth Development Service (KYDS) and Avalon Youth Hub projects. Sarah has a comprehensive understanding of the challenges that face young people today and how they can best be supported. Sarah takes a constructive and practical approach to these issues.

This seminar will cover what factors may contribute to excessive worry for young people, ways in which this may manifest in their behaviour (including anxiety, perfectionism, low mood and motivation), coping and preventative strategies, and how families can support them.

Students are strongly encouraged to attend with their parents.

To secure a place for yourself and/or family, simply make a payment of \$10 **before 12pm on Wednesday 28 August.**

### Booking and Payment Methods

#### Payment Online

Go to the [School Website](#)

Select the **\$ Make a Payment** tab

In the **Payment Options** section select **Other**

Complete your **Payment description** as:  
Seminar x ..... *(type the number of attendees)*

**OR**

**You may pay by Cash or Cheque (made out to NBSC Manly Campus)**

Please note: Online payments will automatically record your name in bookings, but you must indicate the number of people attending in the payment description. If you are paying via front office you will need to provide your name, event description and the number of attendees.

**SAVE THE DATE**  
**P&C Volunteers**  
**Thank you Evening**  
**Wednesday 18 September**  
**6:30pm**

## Canteen -

## Volunteers Urgently Needed

The Canteen is in urgent need of volunteers for especially for Thursday 22 August, plus several dates later this term. If you can spare a few hours please sign up at:

[Canteen Roster Term 3.](#)



## Attendance

A reminder that absences need to be reported to the school by 9am on the morning of the absence, by phone call to the attendance office on 9905 3982 or by email to the school at [nbscmanlysh.school@det.nsw.edu.au](mailto:nbscmanlysh.school@det.nsw.edu.au).

**Please note: The app facility for reporting absences is unavailable until further notice.**

# Science

## Science X Art

To celebrate the importance of chemistry in science and society, the Academy's National Committee for Chemistry hosted "science X art: elements in everyday life", a chemistry themed art competition for primary and secondary school students, in partnership with the [Australian Science Teachers Association \(ASTA\)](#).

The High School (Year 9 to 12) theme was 'Alternative representations of the periodic table'. The aim was to evaluate Mendeleev's representation of the periodic table by communication of alternative methods of its representation using different principles (e.g. order by elemental abundance) or to specific audiences (eg. visually impaired). The medium was still (diagram or photo) and 150 word explanatory description.

Entries were judged on creativity, scientific merit, and demonstration of novelty through image and description.

This initiative was part of the Academy's celebration of the UNESCO International Year of the Periodic Table (IYPT) to celebrate the 150th anniversary of the Periodic Table of Chemical Elements; and 100th anniversary of the International Union for Pure and Applied Chemistry (IUPAC). IUPAC is a non-governmental and not-for-profit global scientific organisation dedicated to the promotion of international cooperation in the chemical sciences.

Jade Williams and David Zhan (Year 9) entered this competition and were awarded First Place in the High School category, with special mention of their hard work, creativity and interpretation of the theme.

As a prize they were awarded an exclusive place on our VIP Behind-The-Science Tour in Canberra on Friday 16 August and one night's accommodation in Canberra. Their tour includes the Shine Dome, the Australian National University's Heavy-Ion Particle Accelerator at the Department of Nuclear Physics, Questacon, (The National Science and Technology

Centre) and Mount Stromlo Observatory. Jade and David will also have the opportunity of meeting world-leading scientists. The Academy will make a public announcement of the winners during National Science Week and they will receive a special certificate in recognition of their achievement.

This competition was a fantastic opportunity for students to engage hands-on with the periodic table, develop a deeper understanding of key principles of chemistry, and foster an appreciation of the wider impact of chemical sciences throughout life and society.

Congratulations to Jade and David.



**Vicki Maggs**  
HT Science

## Manly West Primary School Science Workshop Day

Last Wednesday, Manly West Public School students were invited to Manly Campus to participate in a Science workshop led by a select group of our Year 10 students; Casey Bolton, Chloe Bracher, Abigail Everett, Daniel Duncan, Joshua Hort, Bea McGuire, Hannah Lovlin, Alysha Airey, Rishi Raju, Gemma Cooper, Mia Schwartz and Nina Korgul.



Enthusiastic Year 5 and 6 students were involved in activities relating to chemistry, biology and physics and conducted their own practical investigations utilizing scientific instruments such as infra-red thermometers to collect primary data. Students also had the opportunity to view everyday objects such as dirt, plants and newspapers under a microscope, revealing structures not visible to the naked eye. The students particularly enjoyed the spectacle of colours produced in the chemical flame tests, discovery of the pH of various chemicals, the

mesmerising light show of our plasma ball and the effects of the Van der Graaf generator.

Our Year 10 students demonstrated great knowledge and leadership as they mentored our visitors. Overall, the day was a great success with the Manly West students leaving with a deeper understanding of how science is conducted at our school. Manly High students gained an appreciation of working with and teaching young students. Congratulations to everyone involved!

A special thank you must go to our laboratory assistant Margaret Taylor, who prepared all of the chemicals and organised equipment. Without her efforts, the day would not have run as smoothly as it did.

**Hoa Nguyen  
Science**

### Elephant's Toothpaste

Dr Molnar's Year 11 Chemistry class made "elephant's toothpaste" this week. No elephants were harmed in this demonstration.

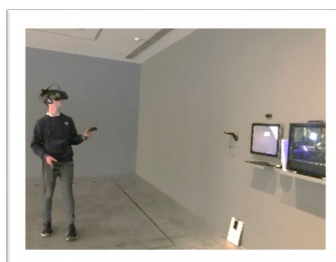


## CAPA

### Year 9 Cockatoo Island Excursion

Last week the Year 9 Photography and Digital Media class went on an excursion to Cockatoo Island in Sydney Harbour to explore the theme of 'City in Decay'. Despite the strong winds and cold weather, students explored the Industrial and Convict precincts of the island to represent its rich history as a Sydney landmark. Looking at repetition, texture, forms, contrast and lighting, students documented the imposing heights of the Turbine Hall, the eerie glow of the Convict Workshops, the rusted forms of the abandoned marine machinery and the dark abyss of the winding tunnels. When the seagulls began to fly backwards in the 60km/hr winds, we decided it was time to head back to the ferry and journey to our next destination.

The class then visited Shaun Gladwell's 'Pacific Undertow' exhibition at the Museum of Contemporary Art in Circular Quay, a building highly contrasted to the run down structures just seen on the island. In preparation for the upcoming unit focusing on film, students discovered Gladwell's representation of bodies in motion through his use of film, photography and painting as he engages with skateboarding, surfing, and other types of urban sports and practices. They even got to try his interactive Augmented Reality and Virtual Reality works that were an explorative journey through the technological possibilities of 21st-century art.



**Lana Prideaux-Remin  
CAPA**

## Debating

Our Year 7 and 8 school debating teams have enjoyed recent success in the Premier's Debating Challenge, with two wins against Mackellar Girls Campus in the zone competition on the topic of education. Year 7 (Toby Heesom, Maria Margossian, Charlie Highnam and Isobel Young) argued successfully that phasing out single-sex schools in favour of co-education schools was not going to increase educational outcomes for students. Meanwhile, the Year 8 team (Max Hamilton, Felicity Murray, Genevieve Bauder and Isabelle Stapf-Giannakis) argued convincingly that it was not a good idea for all examinations in junior secondary schools to be replaced with assessment tasks.

**Madeleine Koo**  
English

## Archibull

The Archibull Team has started painting 'Moorino' the cow. Follow their progress on their [blog](#), [twitter](#) and [cowstagram](#).

## Sport

### Year 7 Gala Day

#### Touch Football



The girls' touch football team was incredible at the Warringah Zone Gala Day. They only had 6 on the team (no reserves) and most of them had never played Touch before. They won 3 games, lost 3 games and drew 2 games. On for and against points they went in the finals to play off for 3rd or 4th. They

came 4th, but never gave up and played with wonderful sportsmanship the entire day.

### PASS Netball Gala Day

#### Student report

On Monday 5 August, the Year 7 girls of Manly Campus attended a netball gala day at Abbott Road, North Curl Curl. This day was hosted and organised by Mrs Low and the Year 9 PASS class. The Manly girls competed in a tough competition against 5 other schools in the Northern Beaches. 14 teams attended from these schools and played in 20 minute games back to back. Pittwater 1 ending up as the overall winners however the Manly girls had a very enjoyable day filled with fun and competitive displays of Netball.



Thanks to all the coaches and organisers but specifically Mrs Low for putting together such a wonderful and enjoyable day for all involved.

**M Donald and R Ganeshraj (Year 9)**

## Musical – Chocolate \$ to Charity

This year the funds from the *Wicked* chocolate sale are supporting a charity called *Habitat for Humanity*, who help to build sustainable and affordable homes for families in need both in Australia and overseas.

Thank you very much to the school community for fundraising to support such a worthwhile cause.

**Rhiannon Lidbury (Year 11)**



# Student Reports

## Game Changer Challenge, 5-8 August 2019

“How might we humanise technology?” was the topic of this year’s Game Changer Challenge organised by NSW Education in collaboration with Google.



Our team of 6 Year 9 students (Annie-Ming Kowalik, Max De Vries, Alexander Gaal, Srestha Roy, Amrita Vivekanandhan and Jade Williams) led by Ms Munro and Ms Woolven were one of the 18 finalists from almost 100 primary and high school entries. We were selected to prepare a final pitch over a three-day design thinking program where we worked along leading industry professionals. From the moment we got the news of being finalists, the whole team was literally dancing with joy, we were super excited about working on the big question; the allure of working at a four-star hotel was also huge.

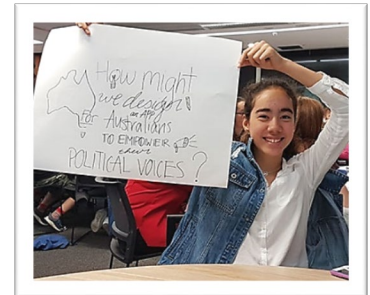
The program was launched at the Australian headquarters of Google, where they had a kitchen where employees could learn to cook, a bouldering wall, and a giant interactive ‘pong’ game. We also got to interview a panel of the most AMAZING people, including Professor Toby Walsh, known as the "rock star" of Australia's digital revolution and Professor Mary-Anne Williams, named one of the top 25 women in robotics. The speedy course on design thinking enabled us to apply the design process: empathize, ideate, prototype and pitch. That night, we feasted on a one-meter pizza, milkshakes and piles of churros. We played werewolf together, as we knew that the next day would be insane.

The morning of day 2 dawned bright and early and we were off to the Game Changer Makerspace,

located in the Department of Education building, filled with robots, art supplies, laptops and more. The day was packed with activities, kicking off with individual workshops for us all to attend from companies such as Microsoft and Adobe. Then, it was time to define our ideas, create a prototype, write a pitch and practise presenting

To begin, we started with the question: ‘How can we use technology to empower the political voices of Australians?’

Through brainstorming over 100 ideas, which ranged from the demented ‘Let’s storm parliament’ to the more-rational ‘Perhaps we could create a mandatory class where students could learn about our democracy?’ we collectively stumbled upon our idea: an app called ‘Power2People’ that allows all members of the population to access easy to understand information about our legislation, participate directly in polls that politicians can use to vote how we want in parliament, as well as see upcoming bills and stay informed on political business.



Once we defined this, our team split off into groups, Zander and Jade working on graphics and the app, Amrita and Srestha on the website, and Max and I writing our pitch. It was long, with lengthy conversations over whether the audience would like the word ‘crippled’ or ‘cracked’ better, but also very short, time flying by without even a whisper.

At 8pm, having being forcibly chased out of the building, the team retired to Max and Xander’s hotel room, where we edited, wrote, practised, wrote, edited and performed our speech, pacing up and

down the carpeted rugs of the hotel, sipping on brightly coloured creaming soda from wine glasses, having mini-panic attacks, as well as fits of hysterical laughter. It was great. At 00:00, our minds numb, hearts fluttering nervously at the back of our throats, we all collapsed into fits of exhausted sleep.

The final morning was frantic, bags to be packed, rooms to be checked out, breakfast to eat, scripts left on bedside tables, and bleary-eyed team members mutely murmuring lines and cues. The Makerspace at Education HQ was transformed, as we sat in rows, listening to the amazing presentations of the primary school kids, awed by technology such as the EM.B.U.D (Empathy Bot You Deserve) and more.

Then, we were called, mic'd up and somehow managed to walk out into the sea of people. "Everyone, close your eyes, if you feel like Australia's political system isn't fully representing your beliefs, raise your hand." The sea of limbs waved upwards, encouraging us. We continued. "Power2People is our new democracy". It was done. We finished our pitch. Everyone clapped, some people stood up, and people came up to us, saying how much they loved our idea.

In the end, the departure was bittersweet. We felt so proud. We came up with an amazing technology, Power2People, and we had shown it to Australia. And then, we had to head back. In the bus, we played some more werewolf, with Ms. Woolven and Ms. Munro (amazingly supportive, motivational and wonderful teachers) joining in.



The Game Changer Challenge was over, and we did more than we ever believed possible at the beginning. It was truly one of the most exciting experiences of our lives.

**Annie-Ming Kowalik (Year 9)**

## **Changemaker and Conservationist**

Hi there! I'm Elliot Connor from Year 11. Last June, I set up a global conservation charity by the name of Human Nature Projects. The idea behind it was, quite simply, to allow for universal access to volunteering and community in a field which typically is reclusive, uninviting, and therefore inefficient in the work it performs. In the 21<sup>st</sup> century, the number of people willing to help save our environment defies comprehension, and yet almost without exception existing charities fail to capitalize upon this resource pool save to ask for donations. Just look at what the climate change movement has achieved to see the power of grassroots action- the scale of success that might stem from such diverse skill sets connecting and collaborating towards a common goal.

Anyway, so far, my idea has been a huge success. Having opened up our doors to volunteers barely two weeks ago, we now have some 400 members



joining us from 70 countries around the globe. It remains only to be seen what the future will hold.

**Elliot Connor (Year 11)**

## **Climate Change Talk, 9 August 2019**

Last Friday, Elliot Connor (Year 11) and Steph Evans and Eliza Lo Russo (Year 10), had the opportunity to be part of the Climate Change talks organised by the Pittwater High School (PHS) Prefects team alongside three other high schools. In attendance was Member for Mackellar Jason Falinski and Member for Pittwater Rob Stokes, both from the Liberal Party, which made for some engaging debate. The selected three students from each school were given a few minutes each to speak our thoughts on the growing issue of Climate Change and pose a question to the panel.

It was great to have a forum to express our thoughts and concerns for our local areas to individuals who hold positions in power to act on them. It was also

very interesting to hear how other school's SRC and Environment Committees are tackling waste management and energy conservation within their student bodies, which gave us some fresh perspective and ideas about what we can try to improve in Manly Campus.

A big thanks to Claire from PHS for organising the day and to Ms Colby for driving and accompanying us; both made the experience of great value to us.

**Eliza Lo Russo (Year 10)**

### **Geography Excursion**

On Tuesday 30 July, the newly formed Year 10 Geography Elective class and Year 11 Geography class hopped on a train and travelled to Auburn to accompany the unit of Political Geography and Cultural Integration. We were fortunate enough to be one of the schools to take part in the "Refugee Camp in My Neighbourhood" event.

From the website, "Refugee Camp in My Neighbourhood is a simulated refugee journey set up for a few weeks each year in the grounds of Auburn Centre for Community. Tour guides, who are former refugees or currently seeking asylum, guide participants through the interactive exhibition."

Throughout the tour we discovered the stories and experiences of many local residents as we experienced what it's like to flee a country and try to find safety. They also gave us an insight into the challenges of resettling into a new country with limited English.

We got to sample a wide variety of unique foods from many different cultures for lunch and completed the "\$5 challenge" in which we only had only \$5 to buy basic necessities for donation to a local refugee resettlement service. We also completed some fieldwork which helped us become immersed in the local culture and to observe many physical changes to the suburb of Auburn

Overall, despite the overcast it was a very enjoyable day in which we got a first-hand experience to understand and empathise with what it's like to be a refugee in Sydney and opened our minds up to

different perspectives. The fieldwork was great to learn outside of the classroom environment and will definitely aid us with our political geography topic this term.

A particular thanks to Mrs Bowden who coordinated this special day and Miss Foy who came along with us on the excursion.



**Alex Yuen (Year 10)**

### **Bus Etiquette Video Production**

Throughout the last two weeks, under the direction and initiative of Alex Yuen (Year 10), the SRC and Metro Minds team, have collaboratively worked together and organised a partnership with Forest Coach Lines (a local bus provider for nearly 100 years) to produce a video to educate and remind students of bus safety and proper etiquette/behaviour when travelling on buses to try and improve bus journeys for all passengers.

On Monday, Forest Coach Lines kindly provided one of their buses for the whole day to allow for filming at our bus bay and on the following Friday, the Metro Minds team travelled to the Forest Coach Lines Depot in Terrey Hills to film the final bits of footage.

To be able to work with my passion for transport to help make a difference in the community is a very satisfying feeling and I encourage all students to let their passions empower them as well!



This amazing student run production will be screened to all students and other schools around the Northern Beaches in the coming weeks. Thank you to everyone involved, particularly the teachers involved for their time (Mr Leung and Ms Colby) and Forest Coach Lines for facilitating and supporting this student initiative.

**Alex Yuen (Year 10)**

### **Meeting with State Transit to improve Northern Beaches bus services, 9 August 2019**



On Friday 9 August, the winning 2018 Metro Minds team from Manly; Alex Yuen, Alex Todd, Daniel Duncan, Harry Ross, Josh Hort and Ryan Lynch (Year 10) participated in a meeting at State Transit's Brookvale Bus Depot with the Customer Operations Manager and Depot Director to discuss changes to be made with our school's bus network and the wider Northern Beaches bus network from next term and early next year in order to improve services for students at Manly and the wider community, following up on the petitions ran by Alex Yuen and the SRC earlier in the year in order to improve school bus services. It was a constructive 3 hour meeting in which ideas were concreted. Changes discussed include:

- Additional morning capacity from Mona Vale on Pittwater Rd (689 and 703)
- An afternoon school bus service to Chatswood (renumbering and rerouting one of the 731s)
- Extending a morning school bus service to start from Spit Junction and to operate via Battle Blvd, Seaforth (726)
- Deviating a 178 (from Wynyard & Neutral Bay) to operate via and drop off at our school
- A new morning school bus service from Austlink and Belrose (193)
- Rerouting an afternoon school bus service to operate via Elanora Heights and Warriewood Valley
- Fixing capacity issues on the afternoon 670 to Manly Vale and North Balgowlah
- Wednesday afternoon service to shuttle students to Warringah Mall
- Updating the afternoon 729 (to Beacon Hill and Frenchs Forest) timetable to better reflect realistic travel times and road conditions
- Re-deploying under-utilised buses to other more congested routes

Changes are now subject to final approval from Transport for NSW, and State Transit hopes to roll out the first of these changes from next term and the beginning of the new school year. More to come in this space, any confirmed changes will be communicated to all parents and students.

If anyone has any feedback in regards to the proposed changes, or other changes that could be implemented within the current school bus network or the general Northern Beaches bus network please email [alexander.yuen@education.nsw.gov.au](mailto:alexander.yuen@education.nsw.gov.au) and they will be passed onto State Transit and Transport for NSW for further evaluation. Furthermore if there are heavily under-utilised school services that could be re-deployed on more heavy demand services please email at the above email address also.

Finally, a reminder to all parents and students that a condition of travel is that all students MUST TAP ON AND OFF with their bus pass/student opal card as this provides critical data to State Transit and Transport for NSW in which they can use to improve school services. If you (or your child) has lost their opal card and need a replacement opal card, please go to this website and fill in the application form: <https://apps.transport.nsw.gov.au/ssts/#/reportPass>

Thank you to State Transit for facilitating this meeting, the Metro Minds team was very happy to be provided with this rare opportunity and insight into the operation of a bus company. We are incredibly joyful to know that we have been able to use our skills and knowledge learnt through metro minds to make a contribution and do what we can to improve the lives (commutes) of students and those in the local community.

**Alex Yuen (Year 10)**



Moe Iwasawa - Year 12

## NBSC MANLY CAMPUS CREATIVE ARTS EXHIBITION 2019



### Official Opening

**Wednesday 4th September 2019, 7pm**

Showcasing Year 12 Visual Arts HSC students' Body of Works

Body of Works

A selection of artworks Years 7 to 11

Music and vocal ensemble performances

### Exhibition Dates

**Wednesday 4th September, 5pm - 9pm**

**Thursday 5th September, 9am - 4pm**

**Friday 6th September, 9am - 4pm**

**Monday 9th September, 9-12pm**

Year 12 Visual Arts Students: Hayley Gayfer, Moe Iwasawa, Chelsea Liu, Harry Peters, Kaya Vuletic

Manly Selective Campus, NBSC  
138 Abbott Road, North Curl Curl NSW 2099  
t: 02 9905 3982 e: nbscmanlys-h@det.nsw.edu.au  
www.nbscmanlys-h.schools.nsw.edu.au

## P&C Trivia Night

The **P&C Trivia Night** is coming up next term on **Saturday 24 August, 7pm**. Held in the school hall, this event is BYO food and drinks for the evening.

The theme is Christmas in August. Tickets are \$35 and available to purchase through [trybooking](https://www.trybooking.com).

Tables of 10. Get a table of friends together or buy a ticket/tickets and join a table.

**NEW DATE!**  
**Saturday August 24, 7pm**

**TRIVIA NIGHT**

**CHRISTMAS in July AUGUST**

**Trivia Night is back, better than ever!**  
Add Saturday August 24 to your diaries and start preparing!

**TABLES OF 10**  
Gather groups of 10 to create an unbeatable team. Don't know anyone? Use the Facebook groups to organise a blind date table.

**AUCTION ITEMS**  
Start asking around in your community for vouchers that we can use in our Silent Auction. All goods and services are welcome. We'd LOVE a big item, such as a stay in a holiday house.

**COSTUMES**  
Dust off your elf costume, drag out the santa hats - it's a festive theme this year!

**TICKETS \$35. AVAILABLE NOW!**  
<https://www.trybooking.com/BDJFB>

## Gift Basket Donations needed!

A big thank you to those who have donated already. We are still collecting donations for the P&C Trivia night gift baskets. The gift basket raffle is an important part of the fundraising on Trivia Night and we ask Manly Campus families to help us make these baskets full of wonderful tempting goods.

*Please drop your gift basket donations in to the Manly Campus office from now until Friday 23 August.*

To ensure we have a great range for our baskets we have given each year group a suggestions for their donations.

**Year 7** – Chocolates: bars, boxes, etc.

**Year 8** – Men: BBQ related products and tools, car care kits, gardening items, sports gear, shaving products etc.

**Year 9** – Ladies: Face cream, makeup, nail polish, candles, mugs, vases, scarves etc.

**Year 10** – Gourmet Food: (non-perishable) nuts, biscuits, tea, coffee, olives, jams chutneys, cheese knife/board etc.

**Year 11** – New Books: Cooking, Travel, History, Novels etc.

**Year 12** – Alcohol: Wine, Beer, Spirits etc.

## Upcoming Events

### David Gillespie 'Teen Brain'

Tuesday 20 August, 6:30pm at Balgowlah Boys  
Campus

Tickets \$10 Purchase through [trybooking](#).

### Year 8 into 9 Subject Selection Evening

Thursday 22 August, 6:30 - 8pm, in the school hall

All Year 8 students accompanied by a family member  
should attend this very important event.

### P&C Trivia Night

Saturday 24 August, 7pm in the school hall

Tickets: \$35 - Purchase through [trybooking](#).

### Year 10 into 11 Student Interviews

Monday 26 August – Friday 30 August

Details have been emailed and are also on page 12  
of this newsletter.

### Pinestock – Student Event

Tuesday 27 August, 11am-2:40pm

Student and Staff Event.

### Parent Seminar Supporting Young People's Wellbeing

Wednesday 28 August, 6:30pm in the school hall

Tickets are \$10 per family

Details on page 10 in this newsletter.

## Principal's Tour for Year 7 2020

Wednesday 28 August, 9:30am

## Creative Arts Exhibition

Wednesday 4 September – Monday 9 September

4/9: 5-9pm, Official Opening 7pm

5/9 & 6/9: 9am-4pm

9/9: 9am-12pm

Year 12 Visual Arts HSC student's Body of Works as  
well as a selection of artworks from Year 7-11.

## School Website Calendar

The calendar on the [School Website](#) is a great way to  
keep up to date with upcoming school events and  
student excursions.

## SECOND HAND UNIFORMS

LOCATED NEAR THE CANTEEN

Next open

Tuesday 3 September and Thursday 19  
September

8:15am-9:30am

Open before school on the first Tuesday  
and the third Thursday of the month

8:15am – 9:30am

Coordinator Marg Martin

Please contact Marg if you would like  
to place an order

[margaret.martin@optusnet.com.au](mailto:margaret.martin@optusnet.com.au)

Donations of washed good quality uniforms are  
most welcome and can be left at the school office  
Proceeds go to the P&C  
for school improvement projects

For second hand band blazers (buy & sell)  
please contact

Diane Turner: [moogiet@optusnet.com.au](mailto:moogiet@optusnet.com.au)



### Thank you! City2Surf Fundraiser

Congratulations to the small but wonderful group of 50 students and parents who braved a very cold and very early start, volunteering at last Sunday's City2Surf to raise vital funds for the Bands of Manly Campus.

A huge thank you once again to Monique Pardavi (mother of Billie Clow, Year 11) for her fabulous co-ordination and organising of our volunteer group leading up to the event and on the day itself.

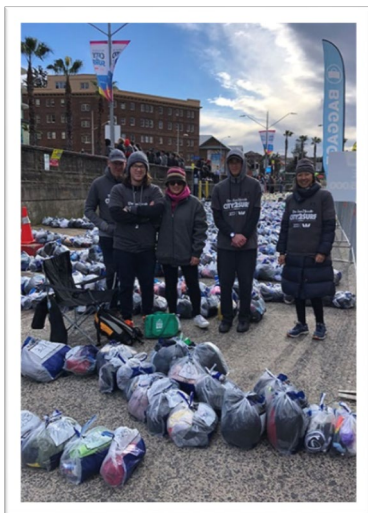
Some great new music and equipment will be possible as a result of their efforts.



### Year 10 Volunteer Winners

Year 10 students had the largest turnout of City2Surf volunteers and therefore the winners of the 10kg chocolate award.

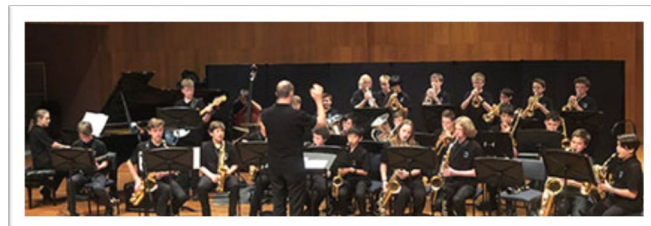
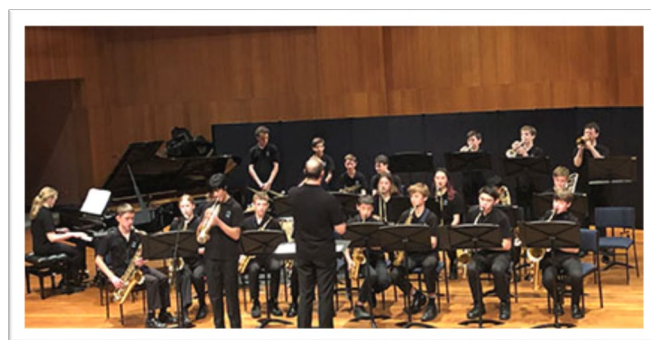
Big shout out to Hannah Lovlin for rounding up her friends to help out.



The De Vries family were out in force, including ex-student Ben. (pictured left)

### Essentially Ellington Down Under Festival, Conservatorium of Music

Our two younger jazz bands, Swing Band and Stage Band, represented Manly Campus in the *Essentially Ellington* Down Under Regional Festival at the Sydney Conservatorium of Music on Wednesday. The festival is only in its second year and is a partnership of New York's Jazz at the Lincoln Centre and the Jazz Music Institute. After performing on stage, our jazz bands attended a valuable workshop with the musicians from Jazz at the Lincoln Centre. Thanks to Craig for preparing the groups and to the band members for their performances. All in all- a great day was had.



### Semester 2 Fees

The school will be issuing Semester Two band fees by email on behalf of the parent-run band program next week. They will be sent to the email the school normally uses for school expenses which may not be your primary band email.

Please contact us if you have not received your invoice by the end of next week.

The due date for payment is Friday 30 August. If you need more time to pay, please contact the band treasurer: Jill Johnson [treasurerbmsc@gmail.com](mailto:treasurerbmsc@gmail.com)

### Term 3 Band Meeting next Monday 19 August 8pm, the library

All band families are welcome and encouraged to attend. Meetings are a chance to meet each other, hear what is going on in band and put forward ideas.



Meetings are once per term and usually run till 9.15pm.

Hope to see you there!

### **2019 ASBOF Official Photos Orders**

An email will be sent out via band liaisons next week with all the details on how to order official photos of our bands who performed in the Australian School Band and Orchestra Festival at the Sydney Conservatorium of Music.

### **Band Calendar**

#### **Term Three**

##### **Term 3 Band Meeting**

Monday 19 August, 8pm, Library, All welcome

**Fine Music 102.5 School Jazz Combo competition,**  
Saturday 31 August, JC **CONFIRMED**, **Live to air from noon**

##### **Australian School Band and Orchestral Festival, Leighton Hall, UNSW**

Sunday 8 September, SE/CO

**SE arrival 3:13pm / CO arrival 4:25pm**

**HSC performances,** Manly Campus hall  
9-20 September (Date TBA in Term 3), SE/JO

##### **Intermediate Band tour**

18-20 September, WE/BB

##### **Musicale rehearsal**

Friday 20 September, Manly Campus from 3:30pm  
SWO, JO, SE, CO

##### **Musicale**

Sunday 22 September, The Independent Theatre  
SWO, JO, SE, CO.

### **NOW SUNDAY**

##### **Farewell to Year 12 Assembly**

Wednesday 25 September Manly Campus quad,  
combined SwB/SB

**Workshop with US jazz guest artist for JO and bass players,** Friday 4 October, venue TBA

##### **Manly Jazz Festival**

Saturday 5 October, St Matthews Church, 10:15-11am, JC **CONFIRMED DAY and TIME**

##### **Manly Jazz Festival**

Monday 7 October, Stars of the Future Stage, 2-3 pm, JO **CONFIRMED DAY and TIME**

### **Term Four**

##### **Year 12 Graduation**

Wednesday 13 November, Freshwater Gym, approx. 3-6pm, JO

##### **Orchestral Soiree**

Friday 15 November, Mosman Art Gallery SE/CO

##### **Jazz Night Out**

Saturday 16 November, Showroom at DY RSL, SwB/SB/BB/JO

##### **AGM and Term 4 Band Meeting**

Monday 25 November, Library, 8pm, all welcome

##### **Junior Band Tour**

Monday 2 – Thursday 5 December, Port Macquarie  
CB/SwB/SB

##### **Year 7 2020 Orientation Day**

Tuesday 3 December, MSC hall- WE/SE  
(ensembles TBC)

##### **Presentation Night**

Wednesday 11 December (TBC)  
Freshwater gym- WE

##### **Big Band Bash Christmas**

Thursday 12 December (TBC), All Ensembles

### **Band Names**

#### **Wind Stream:**

SWO~Symphonic Wind Orchestra; WE~Wind Ensemble; CB~Concert Band

#### **Strings Stream:**

SE~String Ensemble; CO~Chamber Orchestra

#### **Jazz Stream/Other:**

JO~Jazz Orchestra; BB~Big Band; SB~Stage Band;  
SwB- Swing Band; JC- Jazz Combo; Covers Band

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## Term 3 Calendar

Please check the dates closer to the event

Week 5A	
19/08/2019	Term 3 Band meeting, in the library all welcome
20/08/2019	Year 10 and 11 - SRC Executive Elections in the Common Room, Y11 P4, Y10 P5
20/08/2019	STEM Girls Excursion to Arcadis, 8:30am-1:30pm, Sydney CBD
20/08/2019	Year 7 Cosmodome Incursion, 1 period held throughout the day
20/08/2019	David Gillespie 'Teen Brain', Balgowlah Boys Campus, tickets \$10 through trybooking, 6:30pm
21/08/2019	Year 8 and 9 - SRC Elections in the Common Room Y9 P1
21/08/2019	T4 W5 Quarter Final Year 10 debate
21/08/2019	Debate quarter final Castle Hill High School
22/08/2019	Year 8 SRC Elections P1
22/08/2019	Year 10 History/Geography excursions
22/08/2019	Year 9 Forensic Science Incursion
22/08/2019	Year 10 Geography Coastal Excursion
22/08/2019	Mandatory History Year 10 Incursion, all day
22/08/2019	Year 8 into 9 subject selection evening, 6:30pm
23/08/2019	Year 7 - SRC Elections in the Common Room, Y7 P3
23/08/2019	Year 8 Science Techno Museum, all day
24/08/2019-26/08/2019	Duke of Ed Silver Qualifying 2 Night pack and paddle - Option 2
24/08/2019	P&C Trivia Night, 7pm, school hall
Week 6B	
26/08/2019-30/08/2019	Year 10 into 11 interviews
26/08/2019	Applications for School Captain close
26/08/2019	Archibull Project Day
26/08/2019	Year 7 Geography Excursion, all day
26/08/2019	Sydney University Visit during lunch
27/08/2019	Pinestock
28/08/2019	Principal's Tour for Year 7 2020, 9:30am
28/08/2019	Parent Seminar
29/08/2019	Careers Incursion Year 12 Interview Skills P2 and Assembly time
29/08/2019	Korean Education Delegates Visit

Week 6B Cont.	
30/08/2019	Praxis Games, 4 Good Pitches
30/08/2019	Year 8 Science Techno - College Finals, all day
1/09/2019-3/09/2019	Duke of Ed Silver Qualifying 2 Night pack and paddle - Option 3
Week 7A	
2/09/2019	Year 9 Drama Excursion TBC
2/09/2019	School Captain Candidate interviews with the Principal
3/09/2019	Year 8-11 School Captain elections in the quad, P1 (back up date 5/9)
4/09/2019-9/09/2019	CAPA exhibition (opening night 4/9)
4/09/2019-6/09/2019	NSWCHS Athletics Championships
5/09/2019	Year 10 Drama Night - The Witches TBC
6/09/2019-8/09/2019	SRC 40 Hour Famine
6/09/2019	Commerce Market Day
8/09/2019	Australian School Band and Orchestral Festival - SE/CO
Week 8B	
10/09/2019	ILP EXPO 1
10/09/2019	SRC Induction Ceremony, 11am
10/09/2019	Year 8 HPV Information Session, P3
11/09/2019	ILP EXPO 2
11/09/2019	Principal's Tour, 9:30am, bookings essential via the office
11/09/2019	P&C Meeting, 7pm in the library all welcome
12/09/2019	Year 10 BStreet Smart Excursion all day
Week 9A	
18/09/2019	Volunteer thank you evening, 6:30pm
16/09/2019-27/09/2019	Year 11 Examinations
Week 10B	
23/09/2019-27/09/2019	Year 11 Examinations
24/09/2019	Year 12 Mentor Morning Tea, 11:20am
22/09/2019	Musicale
25/09/2019	Year 12 School Graduation - Farewell Assembly, 10am
27/09/2019	Last day of Term 3

# Parent BYOD Purchasing Information



- **Entry-level devices:** These low-cost laptops are relatively low-powered, but quite capable of most general computing tasks like web browsing, email and general word processing. They can handle most basic multimedia tasks – like video streaming – and are best suited for younger students. Look for lightweight models.  
**Chromebooks** are inexpensive web-based devices that require an Internet connection; although some apps may run offline. These devices will not run most TAS and Art subject programmes.  
*Specifications:* **Pentium/i3 CPU, 4-8GB RAM, HDD Storage. Prices start from \$400.**
- **Mid-range devices:** Aimed at regular computer users. Mid-range computers can run most software but may struggle a bit with high-end functions like HD video editing and programs that require fast graphics processing.  
*Specifications:* **i5 CPU, 8GB RAM, HDD or SSD Storage. Prices start from \$1000.**
- **High-end devices:** For Art & TAS students who need systems that can handle intensive computing tasks like editing Hi-Def video with Adobe Premiere, 3D rendering and high-end games development.  
*Specifications:* **i7 CPU, 8-16GB RAM, SSD Storage. Prices start from \$2000.**

**CPU**, or central processing unit (e.g. brands **Intel Core i7** or **AMD A-Series**), is the computer component that is responsible for interpreting and executing most of the commands from the computer's hardware and software.

**RAM - Memory**, or random access memory, is the temporary storage used by programs when they are running. Generally, 4GB (gigabytes) of RAM is considered the starting point for a laptop or desktop computer, but these days 8GB is standard. Some new laptop models (MacBooks) cannot be upgraded as the RAM is soldered to the logic board. Adding more RAM to older devices, if possible, will be useful for running more programs at the same time.

**Storage – SSD**, or solid-state drive, is the fastest kind of drive. Unlike a **HDD** (hard disk drive) it has no moving parts. It is sometimes referred to as Flash storage. As with hard drives, the capacity and speed of SSDs can vary greatly. SSD's are recommended for the Adobe Cloud Suite.

**Wi-Fi** - Look for a laptop that supports the latest Wi-Fi standard, **Dual Band 802.11-AC.**



# MANLY

SCENIC **FUN RUN** & WALK

**BUSHLINK NEED A NEW UTE!**



**Sunday 1 September 2019**

**From 08.30am on Manly Corso Oceanfront**

**2km, 5km or 10km events**

**Register now, at [manlyfunrun.org](http://manlyfunrun.org)**



**Help us out by DONATING TODAY at**  
<https://manlyfunrun.grassrootz.com/bushlink>

**Or follow the links on Bushlink's Facebook page**

Do you want  
to make a  
difference in  
the life of a  
child?



## Local foster carers needed

Family and Community Services are seeking people in the local area to provide short term and crisis foster care for children and young people 0–18 years that are unable to live with their own families.

Individuals, couples and families from varied backgrounds and cultural groups are required.

Aboriginal and Torres Strait Islander people are encouraged to apply.

All carers receive training, ongoing support and financial assistance.

If you are interested in making a difference and helping children reach their full potential, please call 8303 7644 or email [CapsMetroCentral@facs.nsw.gov.au](mailto:CapsMetroCentral@facs.nsw.gov.au)



Family &  
Community  
Services