



The Weekly Pines

Manly Campus

Northern Beaches Secondary College

Academic Excellence ★ Personal Best ★ Giving Back to the Community



Principal: Ms Cath Whalan

Deputy Principal: Ms Kathy O'Sullivan

Acting Deputy Principal: Mr Jamie Kay

1 September 2017 – Newsletter No. 27

From the Principal

Pinestock 2017

Today the SRC held their annual Pinestock festival with a theme of Throwback. Student musical performances, activities and fund raisers were held on the Pines oval allowing students to celebrate their talent and engage in school spirit. The outfits worn by the students were outstanding and added to the fun and enjoyment of this event. Special thanks to the SRC for their organisation of the event, led by Year 12 students, and to supporting staff, especially Mr Leung and Ms Kontrec and the tech support crew led by Ms Leviton. We will have a gallery of photos in next week's issue.

Duke of Edinburgh Awards

Students from Years 10, 11 and 12 were presented with their Silver and Bronze Duke of Edinburgh Awards at the whole school assembly on Tuesday. Congratulations to all students involved for your dedication and commitment. A special thank you to Vicki Busse from NBSC Administration Office for

her coordination of this ever-expanding and worthwhile program

Creative and Performing Arts (CAPA) Exhibition

On Wednesday evening I had the pleasure of attending the opening night of the CAPA Exhibition. The works on display showcased the talent and ability of our Visual Arts and Photography students across Years 8-11 and, in particular, the impressive standard of each Year 12 student's HSC Body of Work.

Congratulations to Vicki Chen, Claire Cooper-Southam, Finlay Gibson-Healey, Mia Gowan, Grace Hawkins, Liana Klisarova, Corinne Nobes, Sophie Yang and Casey Zhu for all your creativity, dedication and hard work.

Thank you to former student Roanize Kruger (G13) who officially opened the event and shared her experiences studying Fine Arts and Law at UNSW,



Presentation to Duke of Edinburgh Award recipients at assembly

NBSC Manly Campus

138 Abbott Road, North Curl Curl NSW 2099

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P&C website: www.manlypandc.org.au

and entertained the audience with behind the scenes tales of her Visual Arts experiences at Manly. Thank you also to Hinano Fujisaki, Samir Mosahebi Mohamadi, Maia Hopf, Elden Loomes, Xiander Ren, Alanna Manfredini and the Vocal Ensemble who entertained us with such delightful and impressive musical items.

Finally, a huge thank you to Ms Blundell, Ms Herft, Ms Tye, Ms Richards and Ms Leviton for guiding and supporting our Creative and Performing Arts students, and for coordinating the event.

Bands of Manly Success

Congratulations to our amazing String Ensemble and Chamber Orchestra who were both awarded Gold at the Australian Schools Orchestral Festival at UNSW last Sunday. This was an outstanding result with nine of our school's ensembles competing and nine Gold awards at this year's NSW school bands and strings competitions. Particular thanks go to Brian Buggy and Elizabeth Scott for their outstanding guidance of our talented students.



Brian Buggy with some members of the victorious String Ensemble

May I take the opportunity to recommend two upcoming events on our busy calendar. The colour run is on next Wednesday. If last year is anything to go by this will be a brilliant day. See the report from James Blanch further in the newsletter.

On Wednesday 13 September we will hold our annual 'Thank You to our Volunteers' night. Please rsvp to Sue Lumb – again, see the flyer later in this issue.

Cath Whalan
Principal



Science Techno Winning Exhibits

From the Deputy Principals

Year 8

Year 8 are their delightful selves. Their enthusiasm for all things is so refreshing as they traverse the journey from young child through to young adult. Year 8 consistently show maturity in their decision making and respect for others and for this they are to be congratulated.

Year 10

Year 10 Commerce students learnt a lot about small business management by running food stalls for the school, and competing for the most profit. Congratulations to all involved, especially supervising teachers Ms Foy and Ms Yong.



Year 12

Congratulations Year 12 on your continued focus and attendance in the final weeks of school. It is important for all students to continue working hard to improve their knowledge and understanding in all courses so the results of students both individually and as a whole cohort will benefit. Practice with a wide range of questions from past HSC papers, studying together and asking questions are all helpful strategies that can make a significant difference to all.

Congratulations to all involved with the Art Exhibition. The artwork was of an extremely high standard and the Year 12 Major Works, in particular, are outstanding.

‘Farewell to Year 12’ sporting matches kicked off this week with Year 12 vs Year 11 playing Ultimate Frisbee and the girls playing Soccer. The competition continues next week, with matches every day.



Kathy O’Sullivan
Deputy Principal – Years 8, 10, 12

To kick off this week, Years 7 and 9 helped the school examine the online procedures for NAPLAN next year with their completion of the Schools Readiness Test. The students found the software easy to use and engaged them with a variety of

question styles. In their inquisitiveness, they also managed to identify a few areas for the school to investigate to ensure a smooth introduction of the online tests next year.

Throughout the week, artworks of various types from landscapes to body figures and photography have been on display in the hall and foyer area. The quality of work these students have displayed is of an exceptional standard, with some visitors to the school this week asking whether these were student works or professional pieces on display, which is indicative of the excellence shown across all age groups.

Year 11 had their final two crossroads sessions this week, with the GP visits to talk through a number of questions they wanted to learn more about and the risk taking behaviour sessions held at school and Royal North Shore Hospital. These activities have allowed the students to reflect on their own physical and mental health, helping to prepare them for the years ahead.

To round off the week we also had the annual Pinestock – with this year’s theme Throwback-stock. The costumes and entertainment on display were again of a very high standard, with everyone getting involved in the day’s events. Once again, a great day organised by our SRC demonstrating the positive atmosphere of the school, with all students thoroughly enjoying a couple of hours in the sun.

Jamie Kay
Acting Deputy Principal - Years 7, 9 and 11

English Report

Year 12 English Report

My Year 12 Advanced English class were presented with a challenge this week as we used hexagonal thinking to revise the Critical Study Module and Michael Ondaatje’s novel *In the Skin of a Lion*. Students were broken into small groups, with each group receiving a set of 40 hexagons, each hexagon detailing a key aspect of the novel, such as a key motif, character or conceptual idea.

Students were then challenged to connect their hexagons to create a complex, honeycomb-like puzzle representing the multi-faceted layers that make up Ondaatje’s incredibly intricate novel. Working in groups necessitated a sharing of ideas as students compared their different ways of

Year 12 left the classroom still arguing over various hexagonal connections, a sure sign that they'd been challenged to think deeply! As a bonus, my class were engaged by the maths problem that I posed: what is the maximum number of connections that could possibly be made? Shout out to student Marija G's solution of 98 possible links.



Ms Kate Munro
English Faculty

Over the last two weeks Year 7 students have been delivering their end of Praxis project presentations to a panel of teachers, including History, Mathematics and Praxis teachers. These presentations were the culmination of a complex, challenging and enriching open-ended project based on the concepts of 'revolutions' and 'knowledge'. Working in teams of five, and through a series of research and design tasks, students were required to formulate an answer to the following driving question: *How do revolutions progress human knowledge?* Below is the project brief that the students were given at the start of the project:

'The senior executive at Manly Campus has decided to brighten up the school environment by commissioning Year 7 students to design art pieces to be installed outside of each faculty's staff room. Each piece of installation art must represent how revolutionary people or movements have contributed to the development of each discipline. Working in small teams of 5, students will use historical inquiry skills to research the revolutions in knowledge relevant to their allocated discipline and, using mathematical principles, they will visually represent their findings in a 2D design and a 3D prototype of their installation art piece. Students will present their process and product to a panel, explaining how their piece demonstrates the practical application of mathematical principles and skills, and knowledge of historical content and inquiry skills. Selected designs and prototypes will be developed into complete art pieces for permanent display in the school.'

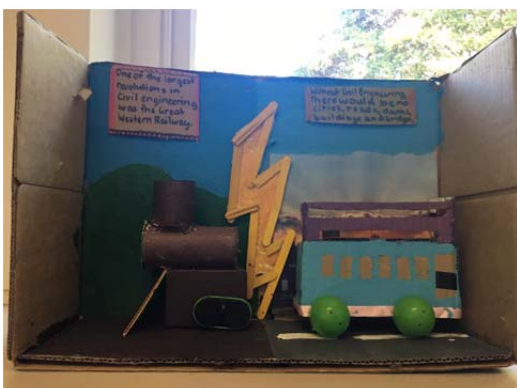
This project was very demanding – both intellectually and in terms of time-management and collaboration within their teams – and our students reflected thoughtfully on these challenges during their presentations. Whilst we were incredibly impressed with the final products that students produced (the art installation prototypes AND their websites), we were floored by the incredible maturity with which students reflected on the project’s process and how it had taught them valuable skills and life-lessons. Each Praxis project is designed by the three Praxis teachers around our Praxis Principles and Targets and grounded in contemporary Gifted and Talented research in line with the Department of Education’s Gifted and Talented Policy. Below you can see a table that identifies a range of possible

strategies to be integrated into the three core stages of Project Based Learning. The highlighted strategies are those that underpin the recent Rebuilding the World project. It was affirming to hear students talk confidently about their learning in relation to these three stages, and the Praxis Principles and Targets.

Below are some student comments about the project:

- *'When we first got given our faculty, we were all excited to get started and ideas were already flooding into our minds.'*
- *'I made new friends and interacted with people I wouldn't normally interact with.'*
- *'This project made me realise how important teamwork is. From the very start, teamwork was needed to finish the preparation and planning. Planning is one of the most important steps when doing a project...'*
- *'We researched answers using the Cornell note taking method. We found three sources (not just websites) that provided reliable information then made a table for each of them, showing our notes, comments, summaries and answers to our questions. Using many reliable sources helped make sure that our information was correct.'*
- *'As a group, we enjoyed brainstorming ideas. To begin with, we were a bit unprepared. We were frustrated that we hadn't collected our resources in time but we learned from this that we need to manage our time a bit better in future. We did manage to finish our machine and digital portfolio but agree that we could probably do better next time.'*
- *'You need a team member who is as willing as you to put in extra hours outside of Praxis sessions, to work lunch times, class times and even out of school'.*

Below are some of the art installation prototypes (these are currently on display in the English corridor):



This was our first Praxis project that was explicitly integrated with core curriculum subjects (Mathematics and History), and as such we have learnt a lot about how we can improve the

connection between the three classes, especially regarding explicit discussion of the project in core classes. One of our goals as a school is to develop students' ability to make connections between subjects, and Praxis is one way that we can do this in a concrete way. We teachers are learning to collaborate between faculties too – a reminder to students that being a lifelong learner is essential in our dynamic world! We very much appreciate the willingness and enthusiasm of our students to support this new way of approaching teaching and learning, to develop the necessary skills and mindsets for successful and thriving 21st century citizens. There may be some bumps, but this is a road very much worth travelling!

As we move into our final Praxis project for the year – TEAM Praxis – a strong focus for students will be on creative thinking, time-management and organisation, curiosity, collaboration and presentation skills. Integrated into the five Praxis sessions that make up this project will be specific lessons on strategies that can develop the above skills, as well as providing students with the

opportunity to self and peer assess these skills using co-constructed rubrics.

We would like to thank all of the staff and parents who supported students as they worked on the Rebuilding the World project, and look forward to you all attending our Energy Expo on Friday Week 7 (Praxis A) and Week 8 (Praxis B).

Bianca Hewes, Kate Munro, James Blanch
Praxis Teachers

Tell Them from Me Parent Survey

Over the last weeks of this term, all parents of students at Manly Campus will again have the opportunity to complete the Tell Them from Me Parent Survey. These questions are designed to examine a variety of aspects of our school that will enhance our learning environment and build stronger ties within our school community.

The survey involves a variety of multiple choice and short answer questions allowing parents to have their say on the education of their children. These include areas such as:

- communication between the school and parents
- student homework levels
- support methods for student learning
- student wellbeing
- strengths of the school
- what parents would like to see more of at the school

This information will be gathered for analysis by the school during Term 4 and compared to the results from previous years. These findings will be used to enhance the learning environment for your child.

In the coming week, an email will be sent to parents notifying them of how to log in and access the survey, as well as the closing date of the survey window. All data gathered will be anonymous and information will be kept for the sole use of our school.

We thank you in advance for taking the time to complete this survey and look forward to implementing the feedback provided to continue providing the best educational environment for your child.

School Colour Run

The event will kick off 1pm on Wednesday at the beginning of sport. Students are to wear Mufti clothes on the day (white is encouraged as it looks awesome with the coloured powder!)

A gold coin mufti clothes donation will be collected on the day. All students will receive a Berri Quelch Fruit Stick at the end of the Colour run to cool off.

The aim of our Colour Run is to create a fundraiser that also promotes active lifestyles. Last year, we raised \$11,000. This was used to purchase all of the equipment for our new school gym. Our aim this year is to match last year's efforts of \$11,000 and build an outdoor fitness facility in the pines area to complement the indoor gym. We are currently at \$2,000, so we need a big push to reach our target!

If you have not done so already, please sign up for an online fundraising account at <http://www.schoolfundraising.com.au/> and support our cause. Every donation helps! You can share your link on Facebook once you have created it, allowing for donations from family and friends to be extremely hassle free!

Thank you again for your ongoing support for our school! If you would like to attend our event next Wednesday, please contact the school and let us know that you would like to volunteer! This is always a good chance to throw some powder at your kids and have loads of fun!



James Blanch
Sport Coordinator

Wraps for Love

It's time! Wraps for Love 2017 is coming to an end. Students please bring in your completed squares, plus wool and needles as soon as possible. The next step is the sewing of 28 squares to make a rug; anyone who would like to do this please contact the library staff. Squares can be always knitted as they will be kept for next year's blankets.

2017 has maintained the 'Giving Back to the Community' with 38 blankets completed so far and more to come before they are sent to the charity Wraps for Love and then distributed around the world to countries that experience natural disasters or civil unrest.

The Library staff would like to say a big thank you to everyone who has been involved especially the volunteers that have sewn up blankets



2017 Blankets hanging in the Library

Barbara Harrison
Teacher Librarian

FROM THE ARCHIVES

Recently we were privileged to be given precious old copies of The Pines, some school exercise books with exemplary notes and hand drawings, plus a real bonus ... the first edition copies of The Nor' Easter. They are the gift of the family of Matthew Hausfeld, and we thank them sincerely for thinking of us.

Volume 1, Number 1 of The Nor' Easter was published on 15th August 1966, 51 years ago. The newsletter is a sort of cross between our current The Weekly Pines and The Turtalian (our student run weekly magazine). It has remarks by The Headmaster, an Editorial, accounts from various committees and, naturally, sports reports. There are poetry and short stories, gossip, and letters to the Editor which are often long on complaint, as well as advertising from local and national

companies. Advertising revenue was necessary to cover the cost of printing by an outside provider. It was published every second month.

The origin of the name is explained thus; "when searching for a name, the Headmaster considered about forty submitted by boys and staff to find one which would satisfy two conditions: it must have local significance, and it must sound good. Mr Crumlin considers Nor' Easter does both. It has a good sound, looks well on paper, and it is in this north-east zone of the Sydney area that Manly High has become the premier school both in the academic field and the sporting, over the last decade. As well as this, however, Nor' Easter is the name of the prevailing summer wind on this coast, that blows in to freshen us up. Our own do-it-yourself Nor' Easter will, we hope, blow freshly through the life of the school in all its seasons.

In the next article From the Archives I will share some of the concerns of school boys in 1966-1970. This week, though, I'd like to highlight one of their recurring gripes; the school tie. Hear the outrage of one letter to the Editor in 1967 – he is concerned about the newly introduced Wyndham Scheme, whereby all students had to stay at high school until 6th form (Year 12). He demands to know "how can these final year students who have been kept in a predominantly juvenile atmosphere, participate in their studies without their maturity being adversely affected by the junior school? With maturity 6th Formers should be entrusted with some authority over other forms at present a junior will not obey a simple request made by a senior, unless a prefect's badge is displayed. Seniors should have the power of prefects. Why should seniors suffer the indignity of being disobeyed by juniors?" He goes on to suggest, among other things, that senior authority could be recognised by a unique 'Senior' tie. For his parting warning he adds "If some changes are not made, the school will fail in one of its most essential duties – that of preparing boys to face life with a mature attitude".

Anyway, he can't have been the only advocate for a Senior tie. In the June 1968 edition we learn that the senior tie is now available for fifth and sixth form. It was noted that the first boys to wear the tie were the 1st Grade Rugby team on their NZ tour, and that many favourable comments were made on their smart appearance.

To prove that some things never change, the very next issue of the Nor' Easter has a counter

complaint about the tie. Read on – “Dear Sir, A change in the colour of a tie doesn’t mean a change in the personality and maturity of the senior school. It seems that the yellow tyre tracks on mud have some strange hypnotic power to retard the development of unsuspecting seniors. They are suddenly released from the bonds of immaturity by the miraculous healing powers of a brown tie. Why do we have to pay \$1.20 for this colossal psychological deception This tie is the first move away from the school by the seniors It is a meaningless act because a change in attitude has not accompanied it”.

For those who don’t know, the colour scheme of Manly Boys High School was brown and yellow. The tie had diagonal brown and yellow stripes. If you ever have reason to visit the women’s staff toilet in the administration area you will see that the brown and yellow theme still exists.

The TURTALIAN

Please see the link below to visit our current student newsletter, *The Turtalian*

<http://web2.nbscmanlys-h.schools.nsw.edu.au/turtalian/turtalian.pdf>

SECOND HAND UNIFORMS

LOCATED UNDER THE TAS BLOCK

Next open
Tuesday 5 September

Open first Tuesday of the month:
8:15am – 9:30am

& the third Thursday of the month:
1:30pm-2:30pm

Co-ordinators Marg Martin & Chris Schaller

Please contact us if you would like to place an order

margaret.martin@optusnet.com.au

christins@ozemail.com.au

Donations of washed good quality uniforms are most welcome. All proceeds go to the P&C for school improvement projects.



VOLUNTEER THANKYOU

Wednesday

13 September, 6:30-8.30pm

One of the things that makes Manly such a great school is our volunteer community – and we’d like to say THANK YOU!

Parents and friends volunteer in so many ways here at Manly Campus: in the canteen; behind the scenes at the musical; with the band program/performances; at our working bees for the grounds and costume store; at the clothing pool; organising and serving at Open Days, Welcome Events and Fundraisers; being part of the P&C Committees and in so many other areas! It makes such a huge difference here at the school and now it’s our turn to say Thanks – and an opportunity for you to meet some other Manly Campus parents and friends.

If you’ve volunteered in any capacity at Manly Campus over the past year, please come and join us on in the Foyer for a drink or two, some delicious finger food and a little light networking amongst your school community.

We do need numbers for catering, so please RSVP to Sue at
sue.lumb@asx.com.au

Hope you can come along and join us.



Bands of Manly Campus

Australian Schools Orchestral Festival

Congratulations to String Ensemble and Chamber Orchestra for outstanding performances and results in this festival. Both ensembles played

challenging pieces and received a gold award with warm praise from the adjudicator.

****OUR 9 ENSEMBLES RECEIVED 9 GOLD AWARDS THIS YEAR AT THE FESTIVAL. CONGRATULATIONS TO ALL STUDENTS AND DIRECTORS FOR AN UNPRECEDENTED RESULT****

WE at The Sydney Conservatorium of Music

It was a great opportunity for our Wind Ensemble students to play with the talented Arts Unit and Conservatorium High School ensembles at the Verbruggen hall on Monday night.

Book now for Musicale Saturday 16 September, Independent Theatre.

ALL WELCOME

Note: 3:30 pm concert

This is our bands program's premier music event held at the theatre in North Sydney, featuring senior bands and our departing Year 12 students. It is a chance to hear our wind and jazz bands and strings program at their very best before Year 12s move onto their HSC.

We highly encourage all band families to attend. It's a very special concert. The talent is amazing. Afterwards, mingle in the foyer to hear the Year 12s jam and say your good byes to this wonderful band cohort and their families.

Tickets \$35 pp, \$20 concession

<http://www.theindependent.org.au/manly-campus-musical>

HSC music performance dates are now set

JO and CO are accompanying HSC performances with dates listed below.

Term Three

- **HSC Music rehearsal** Monday 11 September at 7pm at Manly Campus – JO
- **HSC Music performances-** Wednesday 13 September in hall- JO/CO
- **Musicale rehearsal**– Friday 15 September at MSC: SWO/JO/SE/CO
- **Musicale** – Saturday 16 September, 3:30 pm at The Independent Theatre, North Sydney: SWO/JO/SE/CO
- **Intermediate Band tour** – Monday 18- Thursday 21 September: WE/BB

- **Farewell Assembly to Year 12** – Thursday 21 September at MSC: SwB/SB

Band web site

For current information go to the band website at http://manlypandc.org.au/?page_id=34

Band Names

Wind Stream:

SWO~Symphonic Wind Orchestra; WE~Wind Ensemble; CB~Concert Band; SE~String Ensemble; CO~Chamber Orchestra

Jazz Stream:

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

Term 3 Calendar

Please check all dates and times closer to the event

WEEK 8	
2/09/2017 to 3/9/2017	Silver Duke of Ed hike, Option 1 to Broken Bay
4/09/2017	Year 8 Scripture Periods 1
5/09/2017	Noumea Trip briefing, 6pm
5/09/2017	ILP EXPO
6/09/2017	CHS Athletics
6/09/2017	Principal's Tour of school, 9.30. For bookings contact 9905 3982
6/09/2017	Colour Run
6/09/2017	ILP EXPO
6/09/2017	P&C Meeting, 7pm, library
7/09/2017	CHS Athletics
7/09/2017	SRC Induction Ceremony, 11am
8/09/2017	Year 10 HSIE Excursions
8/09/2017	CHS Athletics
8/09/2017	Y 12 Business Studies Excursion
WEEK 9	
11/09/2017	Year 7 Geography Excursion to Bicentennial Park Wetlands
13/09/2017	P&C volunteer Thank You night
15/09/2017 to 17/9/2017	Silver Duke of Ed hike Option 2 to Broken Bay
15/09/2017	Musicale rehearsal from 1pm
15/09/2017	TEAM Praxis Energy Expo
16/09/2017	Musicale 3:30 pm concert
WEEK 10	
18/09/2017 to 20/9/2017	Intermediate Band Tour- WE and BB
21/09/2017 to 22/9/2017	Duke of Ed Bronze Hike, Option 1
21/09/2017	Year 12 Farewell assembly
22/09/2017	TEAM Praxis Energy Expo

Manly Campus presents

MUSICALÉ 2017



Symphonic Wind Orchestra

with performances by

Jazz Orchestra • String Ensemble • Chamber Orchestra

Saturday 16 September 3:30pm
The Independent Theatre, North Sydney

bookings at www.theindependent.org.au

MANLY SELECTIVE CAMPUS - CANTEEN ROSTER TERM 4, 2017
Version: 25 August 2017

Week	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Mel + Nat	Mel + Nat	Brenda + Nat	Mel + Brenda	Mel + Brenda
1	9 October 2017	10 October 2017	11 October 2017	12 October 2017	13 October 2017
	Anna Rushton * Jacky Tonin * Julia Alston *	Michelle Brown * Christine Campbell *	Petronella Nicholson Fiona Jones * Amanda Naylor	Hij Yi * Melissa Havranek	Jennifer Jordan Rob McKay Nicole McLeod * Kara Young
2	16 October 2017	17 October 2017	18 October 2017	19 October 2017	20 October 2017
	Lina Arshad Lisa Bow	Deborah Gilbert Helen Dransfield * (1/2)	Veronica Guadagnini * Robyn Vaughan * Tae Gessner *	Pauline Chui * Jody Green * Carolyn Deane *	Marguerite Kraft * Hwei-Choo Soh * Mylene Mitchell Melissa Clarke *
3	23 October 2017	24 October 2017	25 October 2017	26 October 2017	27 October 2017
	Sufi Soegimin * (until 1.30pm) Margo Joyner *(start 1pm) Kirsten Mizon *	Harriet Cunningham * Karla Farrugia * Yifen Axford *	Helen Benn Garry Zhou * Kylie Freeman *	Christin Schaller (start 11am) Elana Roseth * Amanda Naylor	Lisa McIntyre * Anja Agius Sue Lumb * Jan Nuttal (start 11.45am)
4	30 October 2017	31 October 2017	1 November 2017	2 November 2017	3 November 2017
	Ann Collins * Chikki Airey * Learne Jackson Jones	Helen Watson Karen Brocklebank	Cecilia Wan Jennifer Everett * Malika Fernando *	Susan Gatherer * Nicole Harvey * Lala Yu	Allison Amos * Margaret Martin * Annabel Cotton * Kim Mackechnie *
5	6 November 2017	7 November 2017	8 November 2017	9 November 2017	10 November 2017
	Michelle Hackney * Lisa Bow Carolyn Bates *	Deborah Miller Lele Jiang (twice/year)	Kate Waddington * Sri Rajagopal Zhi Gan (twice/term)	Kristie Kha Melissa Havranek	Cathryn Kelly Sue Palmer * Jillian Holt Jennifer Jordan
6	13 November 2017	14 November 2017	15 November 2017	16 November 2017	17 November 2017
	Lina Arshad Jill Johnson Jacinta Keoghan *	Caretta Campbell Julie Harvey *	Theresa Hodgson * Petronella Nicholson Karen Hutcheson *	Helen Davies * Deb Partos * Desiree McDonald *	Gaya Gottardi * Shweta Israni * Valerie Buono * Ali Razzaghipour *
7	20 November 2017	21 November 2017	22 November 2017	23 November 2017	24 November 2017
	Dee-Ann Riddle * Ann-Charlott Paduch * Leslie Wait	Susan Woodward * Deborah Gilbert	Geoff Campbell * Tanith Carroll * Helen Benn	Rebecca Capell * Jane Ho * Christin Schaller (start 11am)	Linda Davis * Sharon Youde * Iveta Horvathova * Jennifer Cooper
8	27 November 2017	28 November 2017	29 November 2017	30 November 2017	1 December 2017
	Annie Gaal * June Li * (10am start) Elise Lockwood *	Helen Watson Karen Brocklebank	Diane Turner * Cecila Wan Catherine Yetts *	Sharon Glanville * Kristie Kha	Kadie Wegenaar Ellie Carew * Mylene Mitchell
9	4 December 2017	5 December 2017	6 December 2017	7 December 2017	8 December 2017
	Tabitha Dearden * Lisa Bow Emma Van Herk *	Petronella Nicholson Deborah Miller	Yvonne McAllan * Joanne Thirlwall * Zhi Gan (twice/term)	Lala Yu Justine McKee *	Jane Hudson * Jennifer Jordan Anja Agius
10	11 December 2017	12 December 2017	13 December 2017	14 December 2017	15 December 2017
	Jill Johnson Lina Arshad	Caretta Campbell	Sri Rajagopal Julia Chan	Christin Schaller (start 11am) Melissa Havranek	Amanda Naylor Jillian Holt

- Start time is between 9.00-9.30am and finish time is by 2.30pm
- Black names are once per month volunteers/ red are once per term
- Blue names are reserves that have been rostered on to fill gaps

- Canteen: phone 9939 7835
- Roster updates: amandanaylor@optusnet.com.au
- Highlighted yellow: short staffed - need a volunteer

Fight for Curl Curl Lagoon! #LoveOurLagoon

As the Member for Manly, I am calling on the NSW Government to provide important funding for important rehabilitation works to clean up Curl Curl Lagoon.

How will the funding help clean up Curl Curl Lagoon?

The funding will support the "From Pollution to Pride" program overseen by the Northern Beaches Council which includes:

- **Supporting the significant work undertaken by the Curl Curl Lagoon Friends** by involving schools and the community in mass plantings along the lagoon site
- **An education program** for business and residents upstream of Greendale Creek and around Curl Curl Lagoon
- **Installation of signage** along the paths and structures around the Lagoon to provide information on the condition of the lagoon and how to get involved in rehabilitation

Please support this fight **by sharing this page.**

Together we can help fund the further rehabilitation of Curl Curl Lagoon, on this and more projects to come.

Please note that this petition is intended for constituents of the State Electoral District of Manly, if you are unsure if you fall within the boundary please check the boundary map at <https://goo.gl/Vj4YMv>, email manly@parliament.nsw.gov.au or call my office on 9976 2773.

Click the graphic below to sign the petition or visit tinyurl.com/CurlCurlLagoon:

SIGN THE PETITION FOR



James Griffin MP
Member for Manly



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.
Specifications: **i3/Pentium CPU, 4GB RAM, 128GB 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, 256GB Storage. Prices start from \$800.**
- **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, 512GB Storage. Prices start from \$1500.**

CPU, or central processing unit, brand and family (e.g. Intel Core i7, or AMD A-Series). The CPU 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 becoming more common. Some new laptop models (Mac Books) cannot be upgraded as the RAM is soldered to the logic board. Adding more memory, if possible, may 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.

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

The student is responsible for abiding by the school's BYOD Policy and the department's Online Communication-Acceptable Usage for School Students

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