

PARENTS COME ON BOARD @ PHS

Principal's Report - Jane Ferris

Last Wednesday evening we had an exciting and wonderful P&C meeting and AGM with 26 people in attendance. The president of the P & C Hubert van Mierlo had sent out an email appeal to the school community with his concerns that if the P & C was not better supported then much of the contribution they make to the school was in jeopardy. So thank you to all who not only attended but were willing to stand for so many positions – we had our first votes in years! Although being an AGM things went longer than usual, all parents fully participated and demonstrated a real commitment to the school. So the rest of you parents can now simply come along and learn more about the school and your child's education without needing to fear being press ganged into any jobs – although willing helpers are always welcome.

We only meet once a term so it is not too onerous and have ensured none of the meetings clash with State of Origin – so put aside Wednesday evening 7pm—9pm week 5 each term. Next meeting on 17 August will give you the opportunity to learn more about the latest in technology development at Pittwater and also where we are heading with raising the bar for our top potential students with deputy principals Renee Andrews and Rachel Fleming.

I would like to thank outgoing office bearers Rick Elliott as vice-president and John Mellon as treasurer. Your support and hard work at a time of restructure has been greatly appreciated as has your contribution to various staff selection panels. I am sure you will continue to be involved in P&C.

Office Bearers

President
Vice President (Music Program)
Vice President (Canteen & Uniform Shop)
Secretary
Treasurer

Hubert van Mierlo
David Richards
Clinton Lewis
Margaret Fisher
Sharon Hagley

Canteen and Uniform Subcommittee

Clinton Lewis
Karen Maguire
Therese Keane
Fiona Griffith
Natasha Zani
Sarah Jones
Felicity Pocklington (staff)
Katrina Groves (staff)
Kim Gobbe (staff)

P&C Committee Members

Assistant Band Treasurer
Assistant Canteen and Uniform Shop
Marketing & Promotion
Parent Engagement & Fund Raising
Parent Engagement & Fund Raising
International Students

Richard Steven
Karen Maguire
Michael Sides
Alana Hadfield
Kylie Hemsworth
Richard Geeves

Parent Engagement and Fundraising Subcommittee

Alana Hadfield
Kylie Hemsworth
Michael Sides
Irina Lindley
Tracey Abercromby
Rachel Wilson
Selena Weber
Bindi Hooghuis



Notice: Annual School Report for 2015 is now available to read on the school website

DEPUTY PRINCIPALS' REPORT - Renee Andrews; Rachel Fleming

It is impressive to see the teaching and learning across the school. Students are actively involved in activities such as project based learning, science experiments, maths challenges and film production. Students are being challenged to think creatively, develop a deep knowledge and understanding and be resilient, committed learners.

Year 10—Gearing up for the Senior School

Year 10 students have completed a process of self-reflection and goal setting in relation to their learning. They have been given their goal setting sheets and are encouraged to work on their goals throughout the remainder of this year.

IMPORTANT DIARY DATE

Wednesday 8 June 2016

Year 10 Subject Selection Evening

At this evening there will be information for parents and students about the HSC and patterns of study to meet individual needs.

Faculties will have booths set up and teachers will be available to explain the senior subjects.

The subject selection process will be explained. This is an important opportunity to gather information to make appropriate choices for year 11 and 12.

Interviews will be held on Thursday 9 and Friday 10 June in the performance space. These interviews will provide an opportunity to carefully plan your child's pattern of study for the senior years. Parents are welcome to attend these interviews. Please ask your child for the timeslot they have been given.

Managing Time and Study

As we head into a busy assessment period for our seniors it is important they apply all the knowledge and organisation from their Elevate session. Time in the senior learning centre needs to be productive – completing past papers and making study notes and diagrams. Please encourage your child to utilise the resources in the SLC and the teacher for feedback and advice. Senior mentors are also there to support our students in their preparation for the Trial HSC.

Responsible use of mobile phones and devices

It is important that we work together to ensure all students are utilising their devices in a responsible manner. Please be mindful of the posts your children are doing on social media and the connections they are making. This applies to all age groups.

CALENDAR

Wednesday 8 June

Year 10 Subject Selection Evening

BYOD

From **Thursday 26th May** you have to change the Wi-Fi settings on your BYO device to be able to connect to the internet

IMPORTANT CHANGE:
When signing on to access an Internet website, you'll need to add @detnsw to your normal Portal User ID

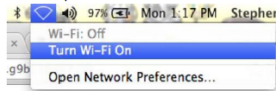

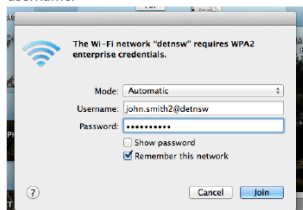
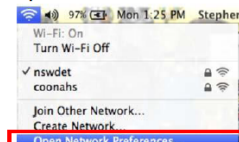
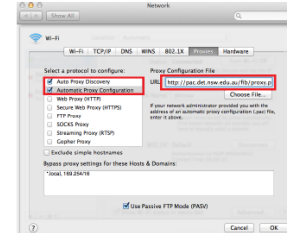
From 26th of May, use the **new settings** posters that are in every classroom and outside the BYOD Office to configure your device.

When accessing the internet and prompted for your credentials, remember to add **@detnsw** to your User ID
e.g. **first.lastname@detnsw**

NSW GOVERNMENT Education

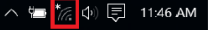

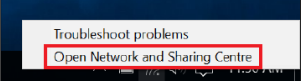

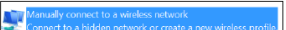
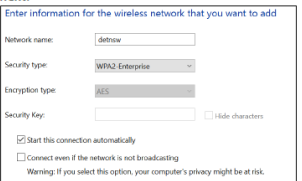
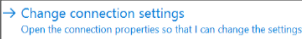
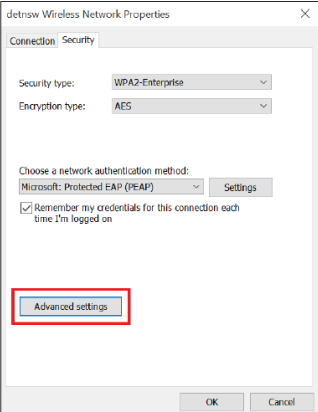
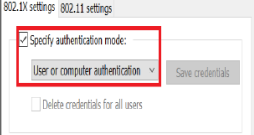
Connecting your own device to school wifi

Macbook Pro & Macbook Air

- Make sure the wireless is turned **ON**. Go to the top toolbar and turn Wi-Fi on.
 
- From the wireless menu, select the **detnsw** connection.
 
- Enter your portal login credentials. You must use **@detnsw** at the end of your username.
 
- The wireless will be ticked, now go to **Open Network Preferences**.
 
- In **Network Preferences**, go to **Proxies**. Tick the second option, "**Automatic Proxy Configuration**".
 
- Where it says URL, type: <http://pac.det.nsw.edu.au/fib/proxy.pac>
- That's it. Open your internet browser and you will be asked to enter your portal login details. Remember to add **@detnsw** to the end of your username.

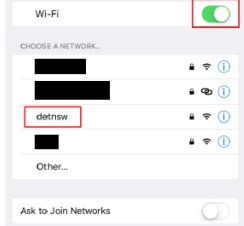

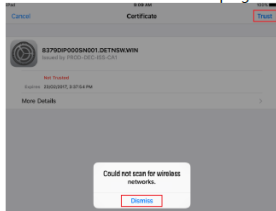
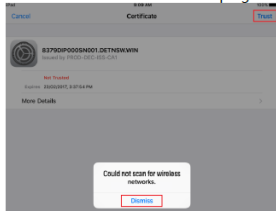
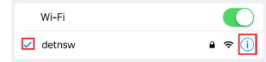
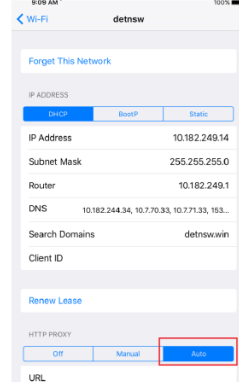
Connecting your own device to school wifi

Windows laptops

- Click on the wireless connection icon at the bottom right of your screen.
 
- Select **detnsw** wireless and click connect.
 
- If it's successful, enter your internet username and password, but put **@detnsw** at the end of your username. Then jump to Step 4.
If it fails to connect, click Cancel and go to step 4.
- Right click on the wireless connection icon and select **Open Network and Sharing Centre**.
 
- Click on **Set up a new connection or network**.
 
- Click on **Manually connect to a wireless network**.
 
- Fill out the info as seen below, and then click **next**.
 
- Click on **Change connection settings**.
 
- Select **Security** tab and click on **Advanced Settings**.
 
- Ensure this tick-box is **ticked**, and then click OK.
 

Connecting your own device to school wifi

Apple iPads

- Go to **Settings > Wi-Fi** and ensure it is turned **ON**. The school wireless will appear in the list of Networks if it is in range. The school wireless is called **detnsw**.
 
- Choose **detnsw**. You will be prompted to enter a username and password.
 
- The credentials to use are the same as your email/internet login. You need to add the **@detnsw** at the end of your username.
 
- If the following window opens, click **Dismiss** and then **Trust** in the top right.
 
- There should now be a tick next to **detnsw**. Click on the blue "i" next to **detnsw**.
 
- Scroll down to the bottom. Select the **Auto** option.
 
- You should now be able to access the internet on your iPad. Close **Settings**.
- You will be asked to enter your portal username and password again. For your username, don't forget **@detnsw**.
- If you cannot access the internet, type in the address below under the **Auto** section where it says **URL**:
<http://pac.det.nsw.edu.au/fib/proxy.pac>

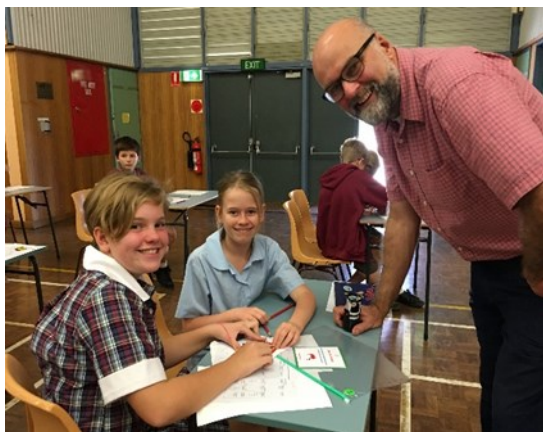
MATHS

MATHS IS FUN!

Problems, Patterns, Pictures and Puzzles

On 23 May 2016, the Mathematics Faculty organised with Inquisitive Minds to run a hands-on problem solving workshop for year 7 at Pittwater High School. Aptly named the 4P workshop, the focus was on creating positive mathematical experiences in problem solving for all students.

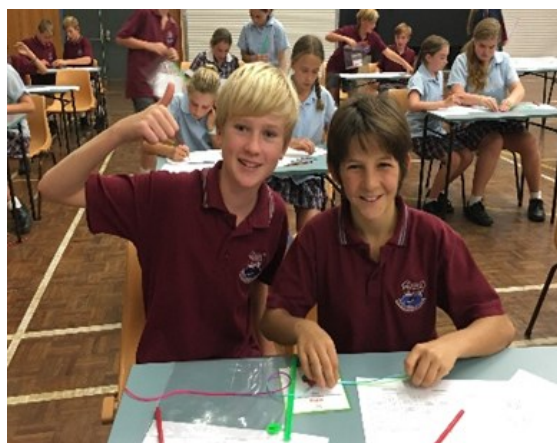
Head teacher, Amanda Sechi, felt that the 4P workshop was a fun way of teaching the students different methods of problem solving. More importantly, it promotes teamwork and gives students a sense of achievement that they can actually problem solve.



Working in pairs and led by Inquisitive Minds, all the students were thoroughly engaged as they learned, practiced and applied skills to a huge variety of problem-solving tasks. Students were writing equations, drawing pictures, working backwards, reasoning and manipulating materials. They were also motivated to try some individual challenges. Comments from students included, "It was fun! We enjoyed it! Oh, now I get it! Oh, it says largest even number! Yes, we did it! During the workshop, mathematics teachers were busy supervising and marking answers, assisted by year 10 students who volunteered to mentor year 7 and assist in the workshop.

Comments from the students about the 4P workshop included: 'During the workshop, we worked in pairs to answer many questions, some harder than others, which required quick thinking and team work. Overall, it was a great experience and we all had so much fun despite running around to get the equipment.' Jasmine Adams, year 7.

'The enthusiasm displayed by the year 7 students were phenomenal, especially considering the general attitude of some towards maths. The workshop illustrated problem solving as a series of fast-paced challenges and it was immensely pleasing to be a team member and experiencing the excitement in the hall.' Emily Fogarty, year 10.



'We participated in a range of activities like riddle games and problem games such as, finding the smallest number that was both a triangular number and a square number (other than one of course!). The instructors taught us mathematical strategies to add to our 'arsenal of maths skills.' It was a great experience and lots of fun.' Max Hopf and Daniel Duncan, year 7.

It was an interesting and productive workshop. We can definitely adapt some aspects of the workshop for use in our own mathematics classrooms. A big thank you to everyone who has made the event fun, enjoyable and memorable.

by Helen Yeoh—Classroom Teacher

MATHS

The Role of Statistics

Statistics play an important role in the world of mathematics . Students in high school learn about statistics from years 8 to 12 . This involves learning about the collection of data, organising this information into graphs , displaying this in all types of graphs.

Here are some interesting statistics obtained from various sources:

There are 500 million Facebook users in the world—50% log on daily .

The median age of the Australian population in 1994 was 33. In 2014 it was 37. Tasmania has the highest median age in Australia (41)

There are over 4000 people in Australia who are over 100 years old. 80% of these are female.

About 62% of the Australian population live in one of the eight capital cities

1 in 4 people over 60 have lost all their teeth

Australia currently has around 36000 prisoners . Around 10000 of these are in remand awaiting sentence .

The median wait for sentencing is 2 years 7 months . This means that approximately 196 adults out of every 100000 adults in Australia is in prison . Males account for 92% of the prison population.

Ms C Lanham—Classroom Teacher



According to ReachOut Australia's study involving 1100 parents of teenagers, many parents feel that a lack of resources and fear of judgment stops them from seeking help with troublesome teens. ReachOut Australia has started to address this issue by creating a webpage designed to help parents reach out to and connect with their teens.

When parents are actively connecting with and supporting their children they are more likely to respond to support and help. ReachOut Australia addresses a range of Mental Health concerns on their site as well as everyday issues such as peer pressure, risk taking and self esteem. There is also a whole section dedicated to dealing with bullying and cyberbullying.

The site is designed to help close the generation gap and equip parents to be able to open communication lines with their child, regardless of whether that is having a conversation about a challenging subject, such as sex, or helping your teen to balance their use of technology.

The site is well worth a look for all parents to help get a better understanding of the sorts of things their teenagers face in their journey through adolescence.
<https://parents.au.reachout.com/>

MATHS

quicksmart

QuickSmart is a remedial mathematics program which focuses on students' accuracy by helping them use **various and appropriate strategies to solve mathematical problems**. It aims to do this while also **increasing students' information retrieval times**.

QuickSmart addresses the situation of many students not meeting their potential in Mathematics by building on findings from an extensive research program that aimed at **narrowing the achievement gap** of all students. **QuickSmart** works by improving basic academic skills in numeracy, thereby creating *"fluency in numeracy"*

Sixteen students from year 7 have been participating in the program since the middle of last term. Pairs of students attend half hour sessions three times a week. They have been working on basic facts and strategies for the four mathematical operations (addition, subtraction, multiplication and division). Each session is structured to incorporate six components, all of which further enhance the students' **automaticity** when answering problems. Activities include using flash cards, speed tests, looking at focus facts, using a computer based OZCAAS program, mathematical games and individual worksheets.

Work on students' increased **speed and accuracy** is incorporated into each session. This has been monitored and **ALL STUDENTS** have shown growth in these areas.

What a terrific result! Well done to you all.



Here are a few comments by some of our current QuickSmart students:

"QuickSmart helps me get better with my maths." (Angus)

"I really enjoy QuickSmart because it helps me to think faster." (Anonymous)

"I like the card games and the competition with the other people. I like the flashcards as it's making me more confident. I'm answering more questions in my maths class." (Hayden)

"QuickSmart makes you learn more maths and makes it fun." (Heather)

"I like QuickSmart because the games are fun and we learn a lot more than in class". (Byron)

"I like the games (and you get to miss out on class - LOL)". (Victoria)

"QuickSmart is a very good program we have here at Pittwater. For me, it's really helped boost my confidence in maths and it's really helped me develop skills in more mathematical areas, too." (Aja)

"It is very fun and helps me." (Lachlan)

"QuickSmart is lots of fun and you learn a lot from the program. You are learning more things and the teachers make Maths lots of fun." (Evy)

by Samantha Rous—QuickSmart Co-ordinator

MATHS

Girls Do the Maths Day at UNSW

On Friday 20 May, myself and other keen mathematics students attended a "Girls Do the Maths" information day held at the University of NSW's very large and inspiring Kensington campus. We did not just attend for the complimentary morning tea and lunch, not because we do not necessarily want to pursue a career as a mathematician, but because we genuinely enjoy studying and participating in mathematics.

UNSW has a large and accredited Mathematics and Statistics department which is one of the best in the world. Various speakers spoke of the potential that knowledge in maths has to not only benefit someone who wishes to study maths, but also how it applies in science, business and real life.

Ambassadors for Women in Mathematics with distinguished careers such as Lynne Billard, whose career includes the discovery of the algorithm for the incubation period of the disease HIV/AIDS, encouraged us to follow a passion that is essential in the endless job opportunities which typically occur in male dominated fields. It was also stressed to us that mathematics is applied to so many careers and areas, and many courses and degrees (not only at UNSW) can prepare you for a wide range of paths.

Whilst all the speakers were successful in their fields, a panel discussion with current students and speakers revealed the most important message of the day - *it doesn't matter if you don't take the highest level of mathematics, you should still strive to study it to your potential as even if you don't pursue a career which uses maths, a mathematics mindset will instil general problem solving skills and approach that can be applied to all regions*. This was also the message I drew from the whole day. I don't need to be doing extension 2 maths, or even extension, for it to be valuable.

I am genuinely considering a degree in university because it can be so versatile but if I could say anything to potential maths students, male or female, it would be to encourage them to study the hardest level of maths they can as my eyes have really been opened to the potential it can give you.

Lucie Leonard (year 12 Extension 1)



YEAR 11 CONSTRUCTION CONCRETING PROJECT

This year the year 11 construction class will be building a new shed to be used as a storage facility for the VET Construction at PHS. The students formed up and poured a slab of concrete measuring 7 x 4.2m in the last week of term 1.

The construction students learnt how to erect formwork, screed and level road base, lay plastic, install reinforcing mesh and pour the concrete. During the pour students had to evenly spread the concrete and then screed it. Once the concrete began to cure the students had to bull float the surface and then apply a coving finish with the coving trowels.

We look forward to constructing the shed later this term.

Mr Tim Robinson—Construction Teacher



ENGLISH

YEAR 11 DEBATING

On 16 May the year 11 debating team took on their first debating challenge for the season. The team, who have debated together since year 9, were well prepared to face their adversaries at Northern Beaches Secondary College, Manly.

The topic on the day was "External examinations should be replaced by in school assessments." The students were given an hour, with no resources (other than a dictionary), to prepare their case. Each speaker is expected to speak for eight minutes and with the exception of the first affirmative speaker, students must adjust their arguments to take in to account the points made by the opposition.

All speakers on the Pittwater High School team spoke passionately for the full eight minutes and discussed the educational benefits of assessment based learning, making references not only to facts and statistics but also their own personal learning journeys.

They convinced both the adjudicator and the opposition that assessment based learning better prepares students for the real world, allows them to develop a range of strengths and abilities and allows them to often build other essential life skills such as communication and teamwork skills.

Unfortunately the debate came down to one point of contention which they had not been able to sufficiently rebut which was how to compare school to school data without a standardised measure. One small word within the topic cost them the debate. That word was "in". In school assessments. There was no manner in which they were able to argue the comparison of school to school data without an external standard test or external assessment.

Both the opposition and the adjudicator were impressed by the strength of their argument as well as the cohesive manner in which the students work together as a team. They have clearly come a long way in their three years together as a team and I look forward to watching them further develop in the next rounds of the premier debating challenge in the coming weeks.

Brooke Mitchell—year 11 debating coach



ENGLISH

THE DA VINCI DECATHLON

On Tuesday 24 May, Jasmine Adams, Nina Conradi, Eli Kelman, Max Hopf, Tess Lanham, Bella Hope-Parsons, Jakob Tonnaer-Lewis and Jordan Anderson from Year 7 participated in the Da Vinci Decathlon at Knox Grammar School. The competition consisted of tasks across ten categories including Mathematics and Chess, Cartography, Code Breaking, Engineering, Art and Poetry, General Knowledge, English, Science, Philosophy and Creative Producers.

We arrived at Knox at 8am and were astonished by the size of the campus. After a little trouble finding our table, we were treated to a performance by the Knox Pipe Band before being briefed on the structure of the day.

The day was broken up into three sessions. The first session consisted of Science, Philosophy, English and Creative Producers, all of which were quite challenging. We finished our English papers with only two seconds left!!!

The second session included Cartography, Mathematics, Engineering and Art and Poetry. Our personal favourite was Art and Poetry. We had to create a 3D artwork, relating to the idea of 'exploring the depths of the sea' and write a poem to go with it.

The third and final session was arguably the most challenging. We had only 45 minutes to complete both the Code breaking and General Knowledge papers.

Overall, it was a fantastic experience. It helped all of us develop our ability to work as part of a team which will influence our learning for many years to come.

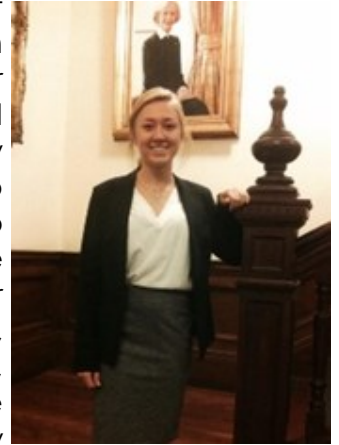
A big thank you to Miss Davis for organising the excursion and to Mr Lanham and Mrs Kelman who helped drive us to and from Knox.

by Jasmine Adams and Nina Conradi—year 7



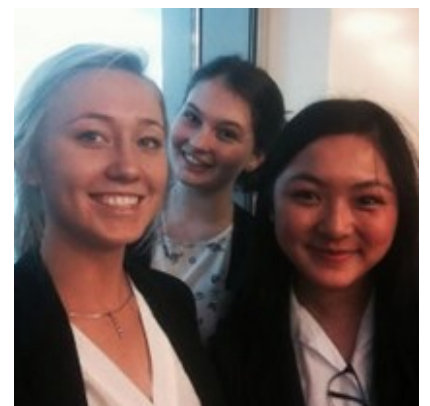
UBS YOUNG WOMEN'S LEADERSHIP ACADEMY

The UBS Young Women's Leadership Academy was one of the most amazing experiences that I have taken part in as I have learnt such valuable skills that I will be able to use when partaking in further leadership roles and to further apply for further choices like university and applying for jobs. The academy provides 50 year 11 students from New South Wales, Canberra and Victoria to have the opportunity to develop their leadership skills and develop new relationships with their peer group from other schools while being accommodated at The Women's College and Sydney University. The objective of the Academy is to introduce year 11 students to a diverse group of contemporary women leaders, demonstrate the possibilities and satisfaction of a career in business, encourage leadership aspirations in young women and provide leadership skills development. It was a privilege to at first be nominated by Ms Purvis but to also be accepted as over 2000 students applied.



Through a creative mix of practical theory with industry exposure, field visits and syndicate work, the week involved speech tutoring where we conducted multiple speeches in front of the 49 girls and speech critics that gave us feedback on our voice, posture and our charisma and how we can improve. We learnt how to prepare for interviews by learning the roles of an employer and employee and also attending multiple presentations by recruitment agents. We also were provided with sessions on goal setting and motivation where we were guided on different paths to achieve our own personal goals. Towards the end of the week we were honoured to listen to speeches from many inspiring women including the 2016 Australian of the Year Local Hero, Cath Keenan, and Nicole Sheffield, CEO of News Life Media. My highlight of the week was visiting UBS's head-quarters and attending a canape function where we were able to dress up and introduce ourselves to former workers of UBS and their experience working in a high demand business.

Jordyn Hess - year 11



CAREERS NEWS

Parents/Carers: Please don't hesitate to contact me via phone or email if you have any questions.

Years 10- 12: Please check **department emails** regularly for jobs/courses/etc. I am always available in the Library Careers Office if you need to discuss any future plans.

Also, checkout www.seek.com.au for more jobs or **The Manly Daily** for local jobs!

Year 10: Careers Lessons this term, once a fortnight. We will be:

- Workplace scenarios discussions
- Getting the most out of the Careers Expo
- Subject Selection discussions
- Careers Project-making an exhibitors table for a school expo for year 9

June's Open Days for Private Colleges and Universities:

Wednesday 8 June	Avondale College
Sunday 12 June	St Patricks Institute of Education
Tuesday 21 June	Macquarie University Campus Tour
Thursday 23 June	AIE Information Evening
Thursday 30 June	Sydney City School of Business; Sydney City School of Law— Information Session

YEARS 10, 11 AND 12 STUDENTS: Please log onto

The [MHSCareers](#) website-Pittwater High School subscribes to this website which **advertises current careers events**. To login: use "[Pittwater](#)" then password "[water](#)". You can also register for email alerts! The "Calendar" is great info!

Or for more **general careers information**, look at our Careers website by checking out [CareersWorks!](#)

Also, we have created the [Pittwater High Careers](#) website, please have a look and encourage students to **register!!**

I would love some **feedback** on the above websites, please email me on jocelyn.bates@det.nsw.edu.au

J. Bates, (Careers Adviser, ext 128)

CANTEEN

Wed 1 June...	Lara Floyd, Sue Lowe, Louise Hardy, Janice
Thu 2 June.....	Joanna Cartwright, Margaret Woods, Peter Woods
Fri 3 June.....	C Marshall, Sandra Avedissian, Simone Davis, Sarah Attfield, Melissa Hanks
Mon 6 June....	Janet Howard, Jan Lysaght, Simone Allan
Tue 7 June.....	Leigh Griffiths , Joanna Cowper
Wed 8 June....	Kay Little, Deb Van de Saag, Fiona Griffith
Thu 9 June	Suzanne Humphreys, Bindi Hooghuis, Irina Lindley
Fri 10 June	Debbie Havenstein, Sue Nicol, Jen Masters, Rowena Kempton

Mon 13 June	Public Holiday
Tue 14 June	Ann Clayton, Leoni Olivari, Taryn Atkins

Please advise canteen managers Katrina or Felicity (ph 9999 4035, x122) if you are unable to make your canteen day. Please don't assume you will be covered.

If any parents, friends, family or grandparents would like to assist on any day helpers are needed please contact myself or the Felicity or Katrina in the canteen. A full day is 9am to 2.30 or 3pm

A half day is 3 hours

Fiona Griffith; Canteen Roster Co-ordinator; packfund@optusnet.com.au;

TOOLS FOR SUCCESS IN SCHOOL & LIFE!

Self-defense can develop great skills to help your child on their path to success! Our martial arts classes focus on self-defense, character development, and personal safety. Students learn a variety of skills including goal setting and perseverance that will develop their confidence and bring out their very best at home, at school and in all areas of their lives.

In our classes we cover topics such as:

- ☑ How to develop and maintain a "whatever it takes" attitude
- ☑ How and why to develop self control
- ☑ Who to ask for help - teachers, parents, friends
- ☑ What do to if you get lost
- ☑ Basic introductory self defense

After we signed up our Son to Krav Maga North Beaches he started training once a week and by his request is training 3 times a week. After attending all other schools on offer we chose Krav Maga North Beaches. The classes have become an integral part of our son's life and we are thankful for the results.

The benefits our students receive from their self-defense training:

- ☑ Confidence
- ☑ Self Discipline
- ☑ Ability to stay focused
- ☑ Respect for others
- ☑ Better grades in school
- ☑ Fitness and Coordination



CALL TODAY TO SCHEDULE AN APPOINTMENT!

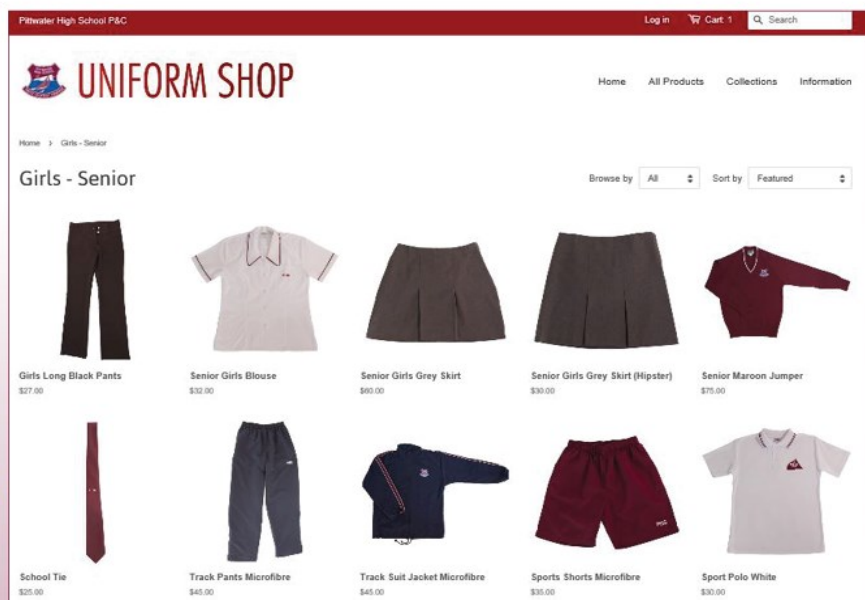
TRIBE KRAV MAGA
1/12 Rickard Road, Narrabeen NSW
info@kravmaganorthernbeaches.com.au
0410 785 543
www.kravmaganorthernbeaches.com.au

T R I B E 



UNIFORM SHOP

Order
Online



Collect from the Uniform Shop / Canteen

Collection times

Shop Opening times

Monday	08:30 - 09:00	Closed
Tuesday	08:15 - 11:15	08:15 - 11:15
Wednesday	08:30 - 09:00	Closed
Thursday	08:15 - 11:15	08:15 - 11:15
Friday	08:30 - 09:00	Closed

WWW.PHSSHOP.COM

Enquiries 9979 6968, Uniform Shop Manager Kim Gobbe, email kim.gobbe@det.nsw.edu.au.
A selection of second hand uniforms are available via the uniform shop only.

Access the uniform shop online site at <http://www.phsshop.com>