



PITTWATER HIGH SCHOOL

BE RESPECTFUL

ASPIRE

BE RESPONSIBLE

1 November 2016



PRINCIPAL'S REPORT - Jane Ferris

Year 9 camp

Congratulations to our year 9 students who by all accounts were absolutely amazing at camp, having great fun, being respectful and looking out for each other. You have raised the bar in school spirit and cooperation, and I know that this sense of connection also follows you into the classroom. From comments overheard, I know you also think that at PHS you have the best teachers and that they are pretty cool – you are right! Thank you staff for all that you continue to do for our students every day as well as additional activities such as camp.

Student to the rescue

It is always great to share stories of our students' successes in the broader community. Two weekends ago, Ethan Gee of year 9, demonstrated bravery, maturity and skill in assisting with a rescue at Warriewood Beach. When five swimmers all got swept out past the break, Ethan and his friend were some of the first rescue swimmers to reach the people in need – and after just finishing a strenuous training session of running and swimming. The whole patrol team did an amazing job with tube, board and IRB rescue as occurring simultaneously. Congratulations Ethan, your years in nippers and now a Surf Life Saving Cadet, have certainly paid off. You bring great credit to your school, your club and your family.

Outstanding results in Mathematics Competition

Well done to all our students who participated in the Mathematics International Competition and Assessment for Schools – over 200 students made the most of this opportunity. Results were excellent with over 30 students receiving a distinction.



BYOD

All students should bring their own technology device each day to school fully charged and ready to go. 80% students across the school are now registered with a BYOD. For students who have not yet purchased this equipment or waiting for that Christmas present, they are available to hire from school at a nominal \$50 once the user agreement is signed. Therefore there are no excuses. Teachers will no longer waste time organising spare laptops for those who forget to bring them.

Calling parents and students to our next WORKING BEE
Sunday 20 November 8.30 to 12.30
OK to only come for an hour or two
Bring any tools that might help

DEPUTY PRINCIPALS' REPORT

Rachel Fleming and Carolyn Samojlowicz (Relieving)

Year 12 – Sign out procedure

As there is only one week of HSC examinations to go Year 12 are reminded that they are required to sign out of the school by the end of November. Previously students had been informed that; the day following their *final* HSC exam is reserved for the final sign out procedure. All books and resources are to be returned to school, school contributions and elective fees are to be finalised and Head Teachers will sign students out of each subject. Once completed, the school reference will be given to students. Please note that in Term 3 the finance office had sent home, with the students, invoices for any contributions owing. Parents are welcome to contact the school for any further details or to discuss payments. **Students should start the process by reporting to the finance office where they can finalise payments and collect their sign out sheet.**

Finally; all Year 12 students are invited to a **morning tea** to celebrate their achievements with the staff on **Friday December 16th**. We will be meeting outside the TTC at 11.00am. Hope to see you all there.

Year 9

Congratulations to all students who attended **The Great Aussie Bush Camp!** It was a fun-filled three days at Kincumber where students had the opportunity to participate in a range of challenging activities and build up their resilience and communication skills. Camps are organised to enable students to step outside their comfort zone and build closer connections within their year group. A lifetime of memories have been made for both students and staff that attended.

Year 10 – Civics and Citizenship Test

Thank you to the randomly selected sample of students in Year 10 that participated in the national Civics and Citizenship Test last week.

Students embraced the opportunity to share their knowledge and understanding, attitudes, beliefs and skills associated with the capacity to function as active and informed citizens. A public report on the results of the assessment achievement in relation to the defined national proficiency levels will be released in 2017 however no individual student or school result will be published.

Bring Your Own Device (BYOD)

All students are reminded that it is important that they **bring their own device** to school for learning every day. It is the responsibility of the students to have their device charged and ready for each lesson. In order to ensure that students have access through the school WiFi system students and parents must sign a user agreement, which is to be handed to the technical assistants in the school library for activation. The user agreement can be found on the schools website in the Technology and E-learning tab. Parents are reminded that any student that does not have a device by now can loan one by paying a fully refundable \$50 deposit at the finance office. Alternate arrangements can be made for families with financial difficulties, in this case please contact the relieving Deputy Principal Carolyn Samojlowicz.

Lost Property

There are currently a number of items in lost property. If students have lost anything this year they should report to the front office. This is also a timely reminder to ensure that all items of clothing should be labelled with the student's name. The new blue zip front jackets that have been selling quite well this year can be labelled with a fabric marker. The Deputy principals have a white fabric marker, which students can use if need be.

CALENDAR

Term 4. Week 4

Monday 7 November	Newport Primary High School Experience Day
Tuesday 8 November	Mona Vale Primary High School Experience Day
Tuesday 8 November	Jnr Visual Arts Exhibition 5pm
Tuesday 8 November	Performance Night (Musicale) 7pm
Friday 11 November	Spirit Week Mufti Day

Meet your new teacher Librarian!

Hello my name is Stephen Kovacs and I am very excited to have been appointed as the new Teacher Librarian at Pittwater High. I have had a long-term ambition to fulfil this position as I believe that I can provide outstanding interpersonal skills, expertise and passion within the position to ensure a dynamic, innovative and effective library at PHS. I have begun the role permanently from Term 4 this year and will be undertaking university qualifications at masters' level in teacher librarianship from 2017.

To give you a brief history about me, I have been working in the HSIE Faculty at Pittwater High since 2012 teaching History, Geography, Modern History, Society and Culture and History Extension. Some accomplishments of my teaching career to date include:

- Nomination as teacher representative for the 2015 Gallipoli NSW Schools Tour
- Representing PHS meeting Premier Mike Baird and other dignitaries at the 2015 Lone Pine Memorial Ceremony
- Year 12 Mentor, including Boys High Achievers group
- School Computer Coordinator 2012-16

The school library will connect with all facets of school life and learning. Just a few of the services that the Pittwater High School library provides include:

- Reading support – a comprehensive collection of fiction and non-fiction to meet the varied needs of students and staff, including eBooks
- Research – books within school and in local community libraries, textbooks, online sources such as the State Library, videos, advanced Google and work with academic journals.
- Homework Club – from 8:15am Monday, Tuesday, Thursday and Friday
- Senior Learning Centre (SLC) – support seniors to develop and apply research and study skills, thus build their resilience and confidence as highly capable learners
- HSC HSIE Major Work Guidance
- **NEW** Extended Opening Hours – from 8am to 4pm Monday, Tuesday, Thursday and Friday
- **NEW** Full student BYOD and staff technology support
- **NEW** Library Website with full catalogue information and eBook access – available through students' portals.

The wonderful library assistants and I will work very closely to support all students and push forward innovations in the library learning space. My vision of a dynamic, innovative and student focused library learning space is one that facilitates and extends the value of learning, research, study and participation in school life for all students.

I strongly encourage all students and staff to pay the library a visit, especially if you haven't been in a while!

Stephen Kovacs
Teacher Librarian



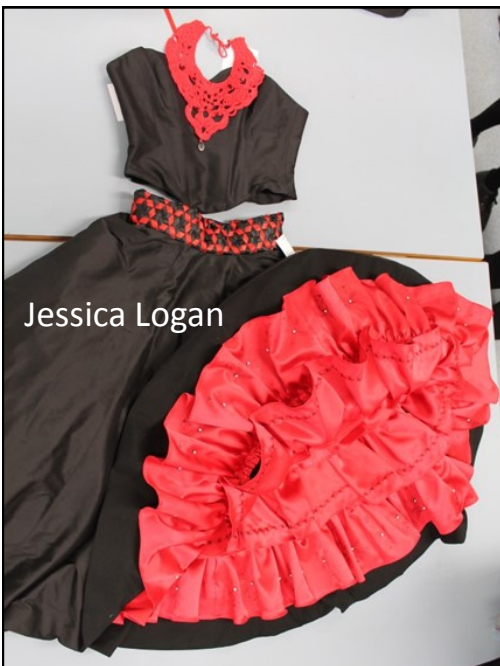
Textiles and Design News

Five students from the 2016 HSC Textiles and Design class have been selected by the Northern Beaches Council to be exhibited in the 2017 New Horizons Exhibition at the Creative Space in Curl Curl. They are Chelsea Forrest, Jessica Logan, Alexandra McGuiness, Lucinda McLean and Taylor Springthorpe.

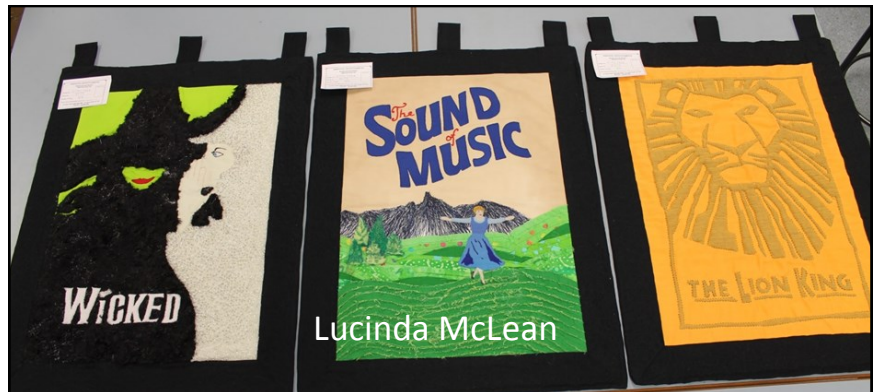
The exhibition will focus on the work of HSC students in three areas: Textiles, Woodwork & Industrial Technology Multimedia films / Websites.

Congratulations to the students for their selection. There are prizes for a number of areas including peoples choice award which will be voted on by people attending the exhibition. So please look out for the exhibition from **28 February until 12 March 2017.**

Sarah James



Jessica Logan



Lucinda McLean



Taylor Springthorpe



Alex McGuiness



Chelsea Forrest

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.

For LOCAL JOBS: browse the **Manly Daily**, especially Wednesdays and Saturdays and checkout www.seek.com.au for more jobs.

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

Doing mock interviews.

Looking into apprenticeship and traineeship opportunities, (including school based ones).

Completing the compulsory 'All My Own Work' online program.

Finalising Careers Portfolios.

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

Year 12:

Yr 12 has almost finished their HSC but please don't hesitate to call or email me if you need help with anything!

UAC, (University Admission Centre) books are still available if you didn't get your copy yet; please sign for your copy in the Careers Office for those who have undertaken an ATAR pathway and **wish to go to university in 2017**.

UAC PIN NUMBERS should have turned up, ring UAC if it hasn't arrived.

UAC applications for 2017: are still possible, there will just be a late fee.

Educational Access Scheme, (EAS): for students who have suffered 'long term disadvantage' throughout year 12. Examples such as: serious illness, family disruption, (divorce or moving house), studying a subject via distance learning, etc. Please see me for an application form as although they were due by the end of September, they still can be accepted in early December.

J.Bates, (Careers Adviser)

Mathematics Competition 2016

The International Competition and Assessment for Schools (ICAS) was held on the 16th of August this year. A record number of students, 225 in all, from Pittwater High School participated in this competition. The students ranged from Year 7 to Year 12.

This competition assesses student skills and knowledge across five strands.

- Algebra and Patterns
- Chance and Data
- Measurement and Units
- Number and Arithmetic
- Space and Geometry.

The competition was held in the school under normal examination conditions, giving the students experience in exam techniques. The exam aims to identify the full range of mathematical skills by starting with simple questions and building towards the final questions that are very demanding.

The students' achievements were rewarded with certificates of Credit and Distinction. To achieve a Distinction, a result in the top 10% of the entrants is required across the entire group of participants.

Pittwater High School has achieved great results with 32 Distinctions (14% of candidature) and 94 credits (42% of candidature).

The list of Distinction students are:



Jordan Anderson	Distinction	7
Nina Conradi	Distinction	7
Jai Cummings	Distinction	7
Noah Dean	Distinction	7
Evan Goleby	Distinction	7
Jonathan King	Distinction	7
Jasper Patterson	Distinction	7
Lillian Antonio	Distinction	8
Adam Eglesz	Distinction	8
Aiden Fawle	Distinction	8
Grace Heemstra	Distinction	8
Andrew Lin	Distinction	8
Drew Power	Distinction	8
Joshua Sauer	Distinction	8
Clare Vanderlaan	Distinction	8
Max Facibeni	Distinction	9
Stella Reay-Smith	Distinction	9
Michela Bates	Distinction	10
Ezra Cabala	Distinction	10
Toby Jones	Distinction	10
Ricky Wandl	Distinction	10
Jason Beard	Distinction	11
Yuanda Dong	Distinction	11
Isabella Howard	Distinction	11
Ava Williams	Distinction	11
Daniel Chun	Distinction	12
Ian Edmondson	Distinction	12
Harry Hall	Distinction	12
Zihang Luo	Distinction	12
Evan Miles	Distinction	12
Jessica Monty	Distinction	12
Wakana Mori	Distinction	12

Congratulations to all for their participation.

Yr 7 STEM Project

The NSW Board of Studies ('Bostes') writes ...

"Science, Technology, Engineering and Mathematics are identified as essential areas of study for Australia to maintain a high quality of life. Future prosperity depends on students studying in and across these areas in order to foster scientific and technological developments."

"**STEM**, drawn from the four disciplines of Science (**S**), Technology (**T**), Engineering (**E**), and Mathematics (**M**) recognises the importance of this integration and its significance for Australia's competitive future. These four disciplines are also referred to as the 'Pillars of STEM'."

So, to achieve these aims, our current Year 7 Extension class has embarked on a STEM project of their own. A double period per cycle – one period each from Maths and Science – has been reallocated to the project, which has been supervised by Meg Winter from the Science Faculty and myself. The students worked collaboratively, in pairs, in our new Learning Space.

Their brief was to produce a video game ... but not just any game! It had to reflect their interest in an issue of their choice related to environmental sustainability. The project involved a coding 'language' called "Scratch" which enabled the students to manipulate their characters through a series of ordered movements and commands.

Before creating their game, students were first introduced to the central STEM concepts involved in the project. These included investigations into just some of the many ways in which humans have impacted on the environment. They also looked into the role of the engineer, with a particular focus on software engineering. Having decided on their own topic, they created an 'Infographic' (which looked *WAY* better than the "old school" poster projects I used to make!!) enabled by the templates available on the *Piktochart* website.

Once they had understood the possibilities offered by the Scratch software, students were able to create a storyboard outlining each sequence in their game and the actual game developed from there. The project is conducted over the entire second semester, so development continues.

I can't wait to ... **"let the games begin!!"** **Nigel Stoyef**



"STEM day at Macquarie"

On Monday 17th October, 20 year 10 Maths students visited both Cochlear Australia and Macquarie University. The excursion was to show real life applications of maths and science outside of school classes. This allowed students to meet engineers and university students who are studying degrees in medical science and actuary.

Cochlear Australia specialises in Cochlear Implants. Cochlear supplies these implants to people globally and improves the hearing of many different people with varying hearing loss. The students were given a tour of the largest clean room in the southern hemisphere where the implants are made and were shown where the implants are tested. The sound booth tests the effectiveness of the implants by immersing the person in sound then instructing them to only repeat the voice heard from one speaker that is talking to you while there are varying levels of background sound, this allows the engineers to test their products on recipients. Cochlear Australia has had a significant impact on how hearing implants are used and made and the importance of what the employees do every day can be shown in this implant activation video where Jonathan is hearing his mother's voice for the first time. <https://www.youtube.com/watch?v=ZDD7Ohs5tAk>.

Year 10 were also taken on a tour at Macquarie University. We were shown around campus and given examples of degrees which required science and maths as well as the ways in which you can get into university.

Overall the excursion was interesting and will assist us in our maths studies in the future.

Cara Clapham and Olivia Murray



MATHS CHALLENGE DAY

On Monday the 1st of August, eight students (four from Year 8, Drew Power, Grace Fisher, Andrew Lin and Caitlin Spencer, and four from Year 9, Nick palmer-Davies, Bettina Cilia, Max Facibeni and myself), attended a 'Maths Problem Solving Day' at Pymble Ladies College. We were the only state high school along with St Ives High, and were accompanied by schools such as Brigidine College, Pymble Ladies College, Pittwater House, and many more.

All students were split up and put in different groups of 4 with students of different schools. We were given challenges which worked in skills applying to both problem solving and general knowledge, and the activities were not only made to get our minds thinking, but they were actually made to be quite fun and interesting. A lot of group collaboration was involved along with pair challenges and relay races. Overall the day was quite fun, and it was good to be able to work with the maths abilities of different students from different schools, and to take problem solving into a whole new perspective.

Talija Hrnjak - Year 9



**BE SAFE ON AND AROUND BUSES.
BE BUS AWARE!**

- 1** Follow the rules and cross with care
- 2** Give way to buses
- 3** Reduce speed to 40 when lights are flashing
- 4** Plan ahead and don't rush for the bus
- 5** Bike riders take care around buses

bebusaware.com.au



Transport
for NSW

BE BUS AWARE

**Buses can't
stop quickly**



bebusaware.com.au



Transport
for NSW

Chess in 2016

Metropolitan Secondary Schools Chess Competition 2016

Another great Chess year at Pittwater! Once again Pittwater High entered two teams in the Secondary Schools Chess Competition in Term 2. This included both Junior and Intermediate teams with the competition taking place on Friday afternoons over a period of 7 weeks. This year, both our teams played a number of secondary schools which were quite far afield, including North Sydney Boys High, Marist North Shore, Manly Selective, Shore, Mosman and Cromer High and St Augustine's. Unfortunately the competition was strong and neither of our teams qualified for the finals this year but a terrific effort was put in by all and a lot of fun was had during the competition.

Of special note, the players really enjoyed having their Home games in the library for the first time. And not only did they improve their Chess during the competition, but some new friends were made and some really good social skills were gained over the very nice afternoon teas.

A special thank you to all our drivers to the matches; without you, Chess comps and tournaments would not have been possible; we really appreciated your assistance.

The results: James Ruse Agricultural High School won the Intermediate Grade (Years 9-10) and the Junior Grade (Years 7-8) was won by Knox Grammar School.



The Junior team: Nina Lindley, Daniel Wheeler, Hugo Griggs, Monte Pate

The Intermediate team: Finn Lindley, Hayden Scullion, Miku Nakamura, Glenn Sands (absent)

Secondary Schools One-Day Chess Tournament 2016

The Secondary Schools One-Day tournament was held on Sunday, 18th September, at North Sydney Boys High School. A total of 50 teams from 23 schools participated in this tournament.

A small enthusiastic group of Pittwater students attended the tournament and during the course of the day, 7 games of chess were played, using time clocks. Although the wins were few and far between, overall it was a fun day and proved a

valuable experience for our Pittwater team. To encourage the players, as in previous years each member of our team that won a game, was invited to join our 'Chuppa Chup club.'

Daniel, Hugo and Sarah (Year 7s), we are very proud of you for giving up your time and attending this prestigious tournament.

The results: North Sydney Boys High and James Ruse Agricultural High tied for first place in the Open Division. A play off was held and first place and the Terrey Shaw Shield was awarded to North Sydney Boys High on tie-break and Sydney Grammar won the Junior Division (Years 7-9).

Daniel Wheeler (Year 7) and Hugo Griggs (Year 7) at North Sydney Boys High School.



Canteen News

Wednesday 2nd November
Helen Mijakovac, Linda Newman, Di Brian

Thursday 3rd November
Sheridan Femia, Keryn Gallagher, Sarah Jones

Friday November 4th
Sunny Van Raad, Meredith Cox

Monday 7th November
Roger Springthorpe

Tuesday 8th November
Fiona Griffith, Wendy Mclean, Georgia Bramham

Wednesday 9th November
Giovanna Graziano, Nicole Graham, Ange Torres

Thursday 10th November
Robyn Armsworth-Brack, Sheridan Femis, Kylie Bennetts

Friday 11th November
Behnaz Aliakbari, Joanne Huxtable, Alison Turner

Monday 14th November
Alison Christensen

Tuesday 15th November
Jade Warner, Rustanti Oetojo, Natasha Zani

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



Artwork by Penny Blunsden



PITTWATER HIGH SCHOOL

JUNIOR SCHOOL VISUAL ARTS EXHIBITION

SHOWCASING A SELECTION
OF STUDENT WORKS FROM **YEARS 8-10**

TUESDAY 8th NOVEMBER, 2016
IN THE PERFORMANCE SPACE

5-7PM

FOLLOWED BY 'THE MUSICALE'



Year 8 bookbags are available to purchase online and then can be collected from uniform shop.

(Tuesday and Thursday 8.15 – 11.15am). Please bring the printed receipt with you.

YEAR 10 FORMAL – closing soon for payments


The Year 10 Formal is on December 7th 2016 at Monash Country Club. The cost is \$120 payable to the front office red box or online using the school website. A permission note has been emailed to parents so please fill this in and return to Mrs Roulston asap. All final payments and notes are to be received no later than Friday 4th November, 2016. Students will be leaving the school at 6.30pm to travel via Forest Coaches to Monash Country Club. We will be leaving Monash at 11pm to return to school for parents to pick up at 11.30pm from school.



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.



*Celebrate at
Mona Vale
Golf Club*

*7pm
18th November 2016*

*Parents and former Nippers
join us to celebrate 50 yrs of
Nippers at MVSLSC*

*7pm Friday 18th November
@ Mona Vale Golf Club*

*\$70pp includes canapes &
welcome drink*

Featuring Live Music by

MicRo

Book now @ www.monavaleslsc.org.au

Northern Beaches



Support Group

A problem shared is a problem halved

The Northern Beaches ADHD Support Group is a voluntary, parent-run group offering support for parents of children/teenagers with ADHD via monthly speaker evenings. The group provides a safe & supportive environment to discuss and learn more about ADHD. Also suitable for adults with ADHD and professionals working with ADHD.

LISA HUGHES

OCCUPATIONAL THERAPY HELPING CHILDREN



"Improving Concentration & Behaviour for your ADHD Child"

Lisa Hughes is the Director & Senior Clinician at Occupational Therapy Helping Children. With over 25 years experience in Paediatrics, she has worked in both Australia & the US in community health and private practice. She has presented many professional papers and is particularly focused on developing intervention strategies and support for children with Autism, Sensory Processing Disorder and ADHD.

Contribution: \$5 at the door

**Tuesday, 15th November 2016 @ 7.00-9.00pm
Pittwater RSL, The Auditorium, Mona Vale**

Ticket reservations essential via the website or

<http://www.eventbrite.com.au/org/4222746751>



Facebook: <https://www.facebook.com/BeachesADHDSupport>
Facebook Forum: <https://www.facebook.com/groups/BeachesADHDSupportGroup/>
www.instagram/gulfcoastadhd

Email: nbadhdsupportgroup@hotmail.com

Website: www.northernbeachesadhdsupportgroup.com.au



Your guide to ADHD information,
services & resources in the
Northern Sydney region
www.adhdguide.com.au



Venue kindly sponsored by
Pittwater RSL Club

NARRABEEN
PITTWATER ROAD
Boodah Reserve
18th Nov - 4th Dec

WILD WEST featuring Wheel of Death, Trapeze, Miniature Horses, Dogs & Clowns plus exciting circus acts. Boot scooting whip cracking fun and laughter for all ages.

Heated Big Top SHOW TIMES	
Fri 18th Nov	7.00pm
Sat 19th Nov	2.00pm & 6.00pm
Sun 20th Nov	11.00am & 3.00pm
Wed 23rd Nov	6.00pm
Thurs 24th Nov	6.00pm
Fri 25th Nov	7.00pm
Sat 26th Nov	2.00pm & 6.00pm
Wed 30th Nov	6.00pm
Thurs 1st Dec	6.00pm
Fri 2nd Dec	7.00pm
Sat 3rd Dec	2.00pm & 6.00pm
Sun 4th Dec	11.00am Last Show

TICKET PRICES	
B Reserve Chairs	
Child	\$15.00
Adult	\$25.00
A Reserve Chairs	
Child	\$18.00
Adult	\$28.00
Ring Side Chairs	
Child	\$22.00
Adult	\$32.00
VIP Chairs	
Child	\$30.00
Adult	\$40.00

• Tickets on sale 1 hour before each show.
• Cash sales only, no cheques or credit cards.
• On site box office open 10am - 5pm Wed to Sun.
• All children pay ages 3-14 and to be accompanied by an adult.

Online Bookings: www.weberscircus.com
Phone Bookings: 9:00am - 7:30pm

FOR ALL ENQUIRIES
0448 247 287
0448 CIRCUS

To Redeem this \$2 Discount Voucher must be presented on on-site ticket office to be deducted off cash sale. ONE PER TICKET. MINIMUM ONE PER TRANSACTION.

\$2 Discount!

Present this voucher to receive

www.weberscircus.com

**BILGOLA PLATEAU
PUBLIC SCHOOL**

**CHRISTMAS
Twilight FAIR**

**FOOD
GIFTS
RIDES**

*live
BAND
+ MORE!*

*Have your photo
with **SANTA***

Saturday

12 NOVEMBER

4PM to 9PM