

JUMBUNNA

Fortnightly Newsletter of **Pennant Hills High School**

Friday 1 December 2017

Term 4 Week 08B

Mr Ross Warren Principal

Mr Brendan O'Byrne Deputy Principal

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TERM 4 2017

Week 09A		Monday Monday Tuesday Wednesday Thursday Friday Friday	4 December 4 December 5 December 6 December 7 December 8 December 8 December	Duke of Ed. Bronze Medallion Course (Monday to Wednesday) Year 7 Aquatics Program (Monday to Friday except Thursday) Year 7 2018 Orientation Day Presentation Evening 7.30pm in MPC Year 9 Boys Convictions Program Last Day Year 11 Crossroads Day 4 - Vision Valley Duke of Ed. Bronze Medallion Course
	Week 10B	Tuesday Tuesday Wednesday Friday Friday	12 December 12 December 13 December 15 December 15 December	Year 7 Taronga Zoo Excursion Year 10 First Aid Course End of Year Concert 7.00pm-9.00pm LAST DAY OF SCHOOL FOR STUDENTS Year 12 2017 End of Year Breakfast Celebration 10.00-11.00am
Week 11A		Monday	18 December	School Development Day (Monday and Tuesday)

SCHOOL HOLIDAYS

Merry Christmas and Happy New Year

TERM 1 2018

Week 01A	Monday Tuesday Wednesday	29 January30 January31 January	School resumes for STAFF ONLY School resumes for students in Years 7, 11 and 12 and Year 10 Peer Support Students (for the morning session only) School resumes for students in Years 8, 9 and 10 (whole Grade)	
Week 02B	Tuesday Sunday	6 February 11 February	Year 7 Camp (Tuesday and Wednesday) Music Camp (Sunday to Tuesday)	
Week 03A	Monday Tuesday Wednesday Wednesday Thursday Friday	12 February 13 February 14 February 14 February 15 February 16 February	Music Camp (continues Monday and Tuesday) Year 7 Welcome BBQ Swimming Carnival - Whole School Sporting Event Music Camp Concert Year 12 2017 Higher Achievers Assembly Year 11 Study Skills Seminar	
Week 04B	Monday	19 February	Year 12 Visual Arts to HSC Encore Exhibition	

UNIFORM SHOP SCHOOL HOLIDAY OPENING HOURS

The Uniform Shop will be open on the following days during the school holidays in January 2018:

Monday 22 January to Thursday 25 January: 8.00am-4.00pm

Monday 29 January: 8.00am-4.00pm

Tuesday 30 January and Wednesday 31 January: 8.00am-12.00pm

Friday 2 February: 8.00am-12.00pm

Normal trading hours will resume in Term 1 Week 2, 2018 ie. Mondays: 11.30am-3.30pm and Fridays:

8.00am-12.00pm.

P&C MEETING DATES FOR 2017

Term 4: 28 November - followed by AGM

7.30pm in the School Library

All parents and caregivers are most welcome to attend these meetings, which provide the wider school community with a forum for discussion as we work together with staff to sustain and further develop the best possible learning environment for our students.

The discussions are complemented by presentations from staff, focusing on various aspects of education and, in particular, what is on offer at Pennant Hills High School.

'PENNO' PRAYER MEETING

Mums, Dads and Grandparents, come and join us as we pray for 'Penno' staff and students.

1st, 3rd and 5th Friday of each month during term from 9.00am to 9.45am. Please meet at Public Reception.

Enquiries: Kim Allan on 0410 548 350











PRINCIPAL'S REPORT

We are hurtling toward the conclusion of the academic year for 2017 and the last fortnight has been an extremely busy one in the life of Pennant Hills High School.

Schools Spectacular - Own the Moment

Last weekend saw our students perform in the Schools Spectacular - Own the Moment at Qudos Bank Arena.

For the first time, students from our Support Unit who successfully auditioned, were a part of the largest D'Arts Ensemble ever assembled.

Our school choir was also part of the massed student choir who, not only provided a magnificent back drop, but great richness of sound for all the performances.

We also had seven students, as part of the Millennium Marching Band, take over the arena to entertain the audience with some very clever choreography during the interval break.

Congratulations to all the students involved for their hard work during rehearsals and for such polished performances. I would also like to acknowledge the huge contribution made by our hard working staff: Mrs Clements, Ms Haines, Mrs Coomber, Mrs Blarasin and her student teacher Amy, Mrs Bell and Mrs Heywood who have supported our students throughout the auditions, rehearsals and performances. Thank you for the dedication and commitment you have given for the benefit of our children. Many thanks also to Mrs Lawless, our parent helper, for accompanying our Support Unit to the performances.

Now I hear you say - "what a shame I didn't get to see it live" - well the good news is that it was recorded by Channel 7 and is scheduled to be televised on Saturday 16 December 2017.

ANZAC Memorial Scholarship

As you would remember from our newsletter published in Week 2 of this term, our school was selected to participate in the Premier's Anzac Memorial Scholarship. This is a very prestigious scholarship and a wonderful opportunity for one of our students to travel to some of the battlefields and museums in Belgium and France that are relevant to World War I.

Students were asked to present to a panel, in any form of their choosing, a representation of what ANZAC meant to them. We were overwhelmed by the quality of the submissions and the breadth of mediums with which students chose to communicate their thoughts and feelings. There were written submissions, poetry, artworks and video presentations.

After the preliminary Panel deliberated, three finalists were selected to present their work to another Panel that included Mr Terry James, a Vietnam Veteran from Hornsby RSL Sub Branch, Mr Niccol, Head Teacher HSIE and organiser of the Scholarship application, a parent representative and myself. They were Year 9 students Meena and Alexandra, and Year 10 student Matthew.

We spoke about the significance of their work and at the conclusion of the interviews, had the very difficult task of making the final recommendation to the Department of Veteran's Affairs. Mr James commented on the high quality of the submissions remarking that all three works were "faultless".

It is with great pleasure that I am able to announce that Year 10 student Matthew has been selected as the recipient of this prestigious scholarship through the Department of Veteran's Affairs. Here is the link to Matthew's submission: https://youtu.be/fxdtLJrCVNg

I know once you view his piece, you will all agree with me that he is a most worthy winner of the Scholarship and an impressive documentary maker.

On behalf of our whole school community I congratulate Matthew on his outstanding work and wish him all the best on his adventure to the battlefields next year. We look forward to hearing about his travels when he returns.

Orientation Day and Presentation Day

Tuesday 5 December 2017 will see us welcome our 2018 Year 7 cohort. Our Peer Support Leaders have been working hard alongside Ms Graves-Browne and Ms Greer to prepare for the appropriate *Penno* welcome to our new students and parents.

On Wednesday 6 December, we will celebrate the highlight of our academic year with our annual Presentation Evening. I am looking forward to recognising and celebrating the significant achievement of our students.

P&C AGM

Last Tuesday, the P&C held its Annual General Meeting (AGM). Thank you to the entire outgoing Executive Committee for their commitment and devotion to improving our school for all students in 2017.

In particular thank you to Mr Ross Knight for his huge contribution to the P&C and in particular for his role as President for the last two years. His enthusiasm and dedication to our school has been invaluable not to mention the huge support he provided to me when I arrived as the new Principal.

The Executive team for 2018 was also elected on Tuesday night. They are:

President: Mr Malcolm North
Secretary: Mrs Jacquelyn Hellstrom

Vice Presidents: Mrs Leith Lawless and Mr Oliver Ridler

Treasurer: Mr Peter Fullerton

Executive Committee: Mrs Lyndall Chamberlain, Mrs Linda Farr, Mrs Tamara Filer, Ms Cathy Houston, Mrs Margo Leggott, Mr Greg Middleton and Ms Natasha Steele.

I look forward to working with the new committee in 2018.

School Reports

Our Semester 2 School Reports for Years 7-10 are almost completed and will be available through the Parent Portal on Tuesday 12 December 2017 from 5.00pm.

Ross Warren, Principal











School Travel Advice

For trip planning visit www.transportnsw.info or call 131 500.

For current Hillsbus school and route services visit www.cdcbus.com.au or call 02 8889 7000.

Conditions of Carriage: Students must have a valid Opal card, term pass or pay a cash fare. Students must tap on and off every trip. Further details about the SSTS are available at: www.transportnsw.info

Key: L> Bus turns left; R> Bus turns right

PENNANT HILLS HS

Bell Times Effective 27/11/2017

Morning: 08:55 Afternoon: 15:20

MORNING BUSES			
Route	Time	Bus Route	
603	07:00	EX ROUSE HILL TOWN CENTRE via Rouse Hill Dr, L>Caddies, R>Commercial,	
		R>Withers, R>Hezlett, L>Samantha Riley, R>Mills, L>Carinda, R>Glenhaven, R>Evans,	
		L>Grange, R>Greenbank, Greenbank Dr Loop, R>Linksley, L>Ridgecrop, L>Gilbert, R>Old	
		Northern, Oakhill College (07:41).	
		Transfer to Route 3160 (due 07:55, see below)	
639	07:09	EX PITT TOWN & BOUNDARY via Pitt Town, R>Kenthurst, R>Old Northern, Oakhill	
		College (07:45).	
		Transfer to Route 3160 (due 07:55, see below)	
3160	07:10	EX ANNANGROVE OLD PITT TOWN & TERRY RDS via Old Pitt Town, L>Nelson, turns at	
		Blind, Nelson, Mason, L>Terry, L>Allan, L>Windsor, L>Nelson, L>Hynds, R> Nelson &	
		Edwards Bus Bay (07:23), L>Nelson, R>Edwards, L>Annangrove, R>Kenthurst, R>Old	
		Northern, Round Corner (07:45), Old Northern, Oakhill College (07:55) then via L>Old	
		Northern, L>Castle Hill, L>County, L>Treetops, R>David, Oakhill Shops (08:05), return	
		David, L>Woodgrove, R>County, L>John, R>Franklin, L>Neale, R>Edward Bennett,	
		L>Castle Hill, L>Pennant Hills, Thompsons Corner (08:21) L>Boundary, R>Bellamy,	
		L>Laurence to school	
625	07:10	EX PARRAMATTA INTERCHANGE via Route 625 to Pennant Hills Station.	
		Transfer to Route M60 service to opposite school	
638	07:24	EX BEROWRA WATERS via Bay, R>Arcadia, L>Galston, Galston HS (07:56).	
		Transfer to Route 637 to Pennant Hills Station	
637	07:31	EX GLENORIE, OLD NORTHERN AFTER TIMARU ST via Old Northern, L>Mid Dural,	
		L>Galston, Galston HS (07:57), Galston, L>Old Northern, L>New Line, L>Victoria,	
		R>Loftus, L>Pennant Hills, L>Railway to Pennant Hills Station, (08:35), R>Pennant Hills,	
000	07.40	R>Boundary, R>Bellamy, L>Laurence to bus bay.	
626	07:40	EX JAMES HENTY AFTER NEW LINE RD via James Henty, R>Thomas Wilkinson,	
		R>Jenner, L>New Line, L>Purchase, R>Shepherds, L>Kenburn, L>Macquarie, R>Francis	
		Greenway, R>Boundary, L>New Line, L>Victoria, R>Boundary, L>Pennant Hills, L>Railway	
2454	07:56	to Pennant Hills Station.	
3151	07:56	EX HIGHS RD OPP HOOP PINE via Highs, Blacks, Blacks Rd Terminus (08:01), via	
		Blacks, Highs, R>Taylor, L>Aiken, L>Pennant Hills, L>Yarrara, L>Ramsay, L>Bellamy,	
3178	07.50	R>Laurence to school.	
31/8	07:58	EX HIGHS RD OPP HOOP PINE via Highs, Taylor, L>Aiken, L>Oratava, R>Dehlsen,	
		L>Salina, L>Aiken, L>Pennant Hills, L>Yarrara, L>Ramsey, L>Bellamy, R>Laurence to	
633	08:01	school CASTLE TOWERS via Old Castle Hill, R>McMullen, L>Old Northern, R>Castle Hill,	
633	00.01		
3184	08:17	R>Highs, L>Coonara, R>Castle Hill, L>Pennant Hills to Pennant Hills Station EX CASTLE TOWERS via Old Castle Hill, R>McMullen, L>Old Northern, R>Castle Hill,	
3104	00.17		
3134	00.22	L>Pennant Hills, L>Yarrara, L>Ramsay, L>Bellamy, R>Laurence to school EX CASTLE HILL RD & EDWARD BENNETT DR via R>Edward Bennett, L>Neale,	
3134	08:22		
		R>Franklin, L>John, R>County, R>New Line, L>Boundary to school Boundary Rd entrance	











School Travel Advice

Route	 Bus Route
3152	EX THE CRESCENT & PENNANT HILLS RD via Pennant Hills, L>The Crescent,
	L>Britannia, R>Kurrajong, L>Cobbadah into Blackbutt, L>Kurrajong, R>Brittania, R>The
	Crescent, L>Pennant Hills, R>Trebor, R>Weemala, L>Ramsay, L>Bellamy, R>Laurence to
	school.

	AFTERNOON BUSES			
Route	Time	Bus Route		
3527	15:25	TO OAKHILL COLLEGE via Laurence, R>Bellamy, R>Boundary, L>Cedarwood, R>New Line, R>Boundary, L>Francis Greenway, R>Macquarie, R>Shepherds, L>Purchase, R>Hancock, R>Purchase, R>New Line, L>Hastings, L>Old Northern to Oakhill College (16:00).		
3531	15:25	TO DAVID RD, DURAL, GALSTON & BERRILEE via Laurence, R>Bellamy, L>Boundary, R>Pennant Hills, R>Castle Hill, R>Edward Bennett, L>Neale, R>Franklin, L>John, R>County, L>Woodgrove, R>David to Oakhill Shops (15:48), return David, L>Treetops, R>County, R>Castle Hill, R>Old Northern, Oakhill College (15:58) Old Northern, Round Comer (16:05) Old Northern, R>Galston, Galston Shops (16:16), L>Arcadia, Bay to Chilcott Rd to Berrilee		
3528	15:26	TO JAMES HENTY DR via Laurence, R>Bellamy, L>Boundary, R>Victoria, R>New Line, R>Boundary, L>Francis Greenway, L>Macquarie, R>Kenburn, R>Shepherds, L>Purchase, L>New Line, R>County, R>Woodgrove, R>David, R>David, James Henty, R>Jenner, R>Thomas Wilkinson, L>James Henty, R>New Line to Dural Bus Depot		
625	15:30	EX PENNANT HILLS STATION TO PARRAMATTA via Railway, R>Pennant Hills, L>Church, L>Victoria, R>Wilde, Smith, Station, R>Argyle to Parramatta Interchange		
3606	15:30	TO CASTLE HILL VIA COONARA via Laurence, R>Bellamy, L>Boundary, R>Pennant Hills, R>Castle Hill, L>Coonara, R>Highs, R>Daveney Way, L>Salisbury Downs, L>Glenhope, L>Castle Hill, L>Old Northern, Terminus, R>Crane, R>Old Castle Hill to Castle Towers		
3612	15:30	TO CHERRYBROOK via R>Laurence, R>Bellamy, R>Boundary, R> Francis Greenway, R>Macquarie, R>Shepherds, L>Purchase, L>New Line to Victoria		
626	15:36	TO BLACKBUTT LOOP via Laurence, L>Bellamy, R>Ramsay, R>Greycliffe, L>Weemalla, R>Ramsay, R>Yarrara, L>Pennant Hills, R>The Crescent, Britannia, L>Kurrajong, Blackbutt, L>Kurrajong, R>Britannia, The Crescent, Railway to Pennant Hills Station		
3518	15:38	TO WEST PENNANT HILLS VALLEY VIA ORATAVA AVE & BLACKS RD via Laurence, R>Bellamy, L>Boundary, R>Pennant Hills, R>Aiken, R>Salina, R>Dehlsen, L>Oratava, R>Aiken, R>Taylors, L>Highs, Blacks, Blacks Rd Terminus (16:01), return Blacks, Highs to Castle Hill Rd		
3631	15:55	EX OAKHILL COLLEGE via Old Northern, Round Corner (16:03). Bus continues as Route 639 via L>Kenthurst, Pitt Town & Porters (16:14), L>Pitt Town, Pitt Town & McClymonts Rd (16:24), Pitt Town to Pitt Town & Boundary		
3509	15:57	EX OAKHILL COLLEGE TO GLENHAVEN via Old Northern, L>Gilbert, R>1st Ridgecrop, Knightsbridge Shops, (16:07), Ridgecrop, R>Linkdley, L>Greenbank, Greenbank Dr Loop, L>Grange, R>Evans, L>Glenhaven, L>Carinda, R>Mills, L>Glenhaven to Bannerman Rd Terminus (16:22)		
641	16:03	EX ROUND CORNER via Old Northern, L>Kenthurst, L>Annangrove, L>Windsor to Rouse Hill Town Centre		
3548	16:15	EX CASTLE TOWERS STAND B TO FAIRWAY DR, BALMORAL RD & ARNOLD AVE via Old Castle Hill Rd, L>Pennant, R>Showground, L>Windsor, R>Norwest, R>Solent, R>Fairway, L>Severn Vale, L>Balmoral, R>Pellizzer, R>Florence, L>Hector, L>Memorial, R>McGausland, L>Arnold, R>Memorial, L>Tway to Burns Tway		









www.transdevnsw.com.au T: (02) 8700 0555



Opal, the only way to travel to and from school Although some might have a free pass,

all students must tap on and tap off, every time so we can adjust services if necessary.

Report lost, stolen, or damaged card immediately.

While waiting for the replacement Opal card, students must use a Child/Youth Opal card or purchase a Single Trip ticket.

Visit transportnsw.info/school-students or call 131 500

Pennant Hills High School (Pennant Hills)

T: (02) 9484 5732

Effective Monday 27 November 2017

Route Number	Departure Time	MORNING Route Description
587	07:20	From Hornsby Station Bus Bay via College (R) Clarke (L) Malsbury, Milson, Sefton (L) Chilvers (R) Duffy (R) Quarter Sessions (Quarter Sessions End Loop 07:41) (Students Transfer to Route 586)
586	07:40	Quarter Sessions Loop (wait for transfers from Route 587) Via Quarter Sessions (R) Corang (L) Eucalyptus (R) Elouera (L) Duffy (R) Quarter Sessions (L) Nicholson (L) Goodlands (R) The Esplanade, Yarrara (R) Stevens (L) Bellamy (R) Thorn (L) Wearne (R) Laurence to School (08:05)
8024	07:47	From Barker College (College Cres & Clarke Rd) via (R) Clarke (L) Malsbury, Milson (R) Dartford (07:50) (L) Beresford (R) Norman (L) Vale (R) Wareemba (R) Yarrabung (R) Bungowan (L) Kooringal (L) Sefton (R) Chilvers (08:05) (R) Duffy (R) Quarter Sessions (L) Corang (L) Eucalyptus (R) Elouera (L) Duffy (R) Euroka (L) Duneba (L) Quarter Sessions (R) Nicholson (L) Goodlands (R) The Esplanade, Yarrara to Pennant Hills Station (08:23) to school (08:43)
587 8022	07:58	From Normanhurst Station via Milson, Sefton (L) Chilvers (R) Duffy (R) Quarter Sessions (L) Barkala (R) Coora (R) Silver (L) Quarter Sessions to loop Then becomes Route 8022 (08:20) From Quarter Sessions Loop via Quarter Sessions (R) Corang (L) Eucalyptus (R) Elouera (L) Duffy (R) Quarter Sessions (L) Nicholson (L) Goodlands (R) The Esplanade (R) Stevens (L) Bellamy (R) Laurence (08:38)
8004	08:12	From Loreto College via Pennant Hills Rd (L) Stuart (L) Calga (R) Willowtree (R) Pine (R) Oak (R) Cedar (L) Greenhill (L) Trelawney (L) Loch Maree (R) Pennant Hills Rd (L) Duffy (L) Elouera (L) Duneba (L) Quarter Sessions (R) Nicholson (L) Goodlands (R) The Esplanade (Thornleigh Station 08:39) via Yarrara (R) Stevens (L) Bellamy (R) Thorn (L) Wearne (R) Laurence to School (08:46)
8054	08:36	From The Comenarra & Wood via Wood (R) Paling (L) Cavendish (R) Pomona (L) Pennant Hills Rd (R) Trebor (R) Weemala (L) Ramsay (L) Bellamy (R) Laurence to school (08:50)

Legend:

(L) Bus turns Left.

(R) Bus turns Right.

Route numbers in Italic refer to public bus services.

Update: 09 November 2017

Page 1 of 2

SMBSC 12











www.transdevnsw.com.au T: (02) 8700 0555



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Pennant Hills High School (Pennant Hills)

T: (02) 9484 5732

Effective Monday 27 November 2017

Route Number	Departure Time	AFTERNOON Route Description
9016	15:25	<u>To Hornsby Station, First stop Thornleigh Station</u> , then via The Esplanade (L) Goodlands (R) Nicholson (L) Quarter Sessions (R) Duneba (R) Euroka (R) Duffy (L) Chilvers (R) Sefton, Milson, Malsbury (R) Clarke (L) College, Highway, Peats Ferry (R) Coronation to Hornsby Station Bus Bay (15:57)
9009	15:33	<u>To Pennant Hills Station</u> via Laurence (L) Bellamy (R) Ramsay (R) Yarrara (L) Pennant Hills Rd (L) Railway to Pennant Hills Station Bus Bay (15:40)
586	15:34	To Westleigh via Pennant Hills Station then via Route 587 to Westleigh via Eucalyptus (R) Corang (L) Quarter Sessions to end loop
9023	15:35	To Turramurra Station via Laurence (L) Bellamy (R) Ramsay (R) Yarrara (L) Pennant Hills Rd (L) Railway to Pennant Hills Station Bus Bay (L) Pennant Hills Rd (R) Pomona (L) Cavendish (R) Paling, Wood (L) Bellevue (Thornleigh Station 15:58) (R) Railway, Parkes (L) Central (R) Phyllis, Loch Maree, via Woodlands Estate to Stuart (R) Pennant Hills Rd (R) Hinemoa (L) Bristol (L) Hewitt (R) Eastbourne (R) Lucinda (L) Fox Valley (R) Highway (L) Rohini to Turramurra Station Bus Bay (16:20)
9087	15:43	To Hornsby Station Bus Bay Via Route 587 to Corang, (L) Quarter Sessions to end loop return (L) Duffy via Route 588 (L) Chilvers (L) Sefton (R) Kooringal (R) Bungowen (L) Yarrabung (L) Wareemba and Route 588 to Hornsby Station Bus Bay (16:31)

Legend:

(R) Bus turns Right.

Route numbers in Italic refer to public bus services.

Update: 09 November 2017

Page 2 of 2

SMBSC 12









THINKING ABOUT BYOD FOR 2018

The Bring Your Own Device (BYOD) program is a NSW Department of Education (DoE) initiative which encourages student to bring their own computing devices to use for educational purposes in the school.

Pennant Hills High School has adopted this program as it allows teachers to vary the structure of a lesson to cater for the learning styles of individual students and increase engagement in the classroom. We do not dictate what devices should be purchased. Instead, we give you freedom to make technology choices that suit you and all your circumstances.

The purchase of a device is a major decision and a significant expense. A good quality device may last from Year 7 to Year 10 and, viewed over four years, the expense is relatively less. Pennant Hills High School has taken strides to integrate device use into many aspects of teaching and learning. Your investment allows the school to maximise learning outcomes for all students.

When looking for a BYOD device to purchase, remember there are minimum specifications that the devices must meet to be compatible to the DoE wireless system and to give maximum educational value. These specifications include being 5 Ghz wireless N compatible, having a battery life of at least 6 hours, light enough for the student to cope with carrying the device around and having a screen size that allows clear and easy viewing.

There is free software available for all students of the DoE. This includes Microsoft Office 2016 (for 1 device), Microsoft Office 365 (for 5 devices) and Adobe CC Design Edition (which includes Photoshop for 1 device). All software is available through the DoE portal and requires your DoE email. The software is generally available for both Windows and Mac operating systems and yours to use for the duration of your school life.

Wireless Connectivity

Devices must support 5GHz 802.11n wireless. (This may be advertised as "802.11abgn", "dual band wireless", "802.11ac" or 802.11agn.)



Operating System

To ensure the latest programs and software are compatible, it is recommended that the device have the current or previous version operating system. E.g. Windows 10 or Windows 7, Mac OS 10.11 or Mac OS 10.12.





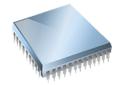
Battery Life

Devices need to last the whole school day; it is recommended that the device have a minimum of 6 hours battery life.



Memory and RAM

The minimum RAM and storage recommended is 4Gb RAM and 128Gb storage.



Screen Size

Ensure that the screen is sufficient to enable use throughout a school day.

Minimum: 9" (23cm) Maximum: 14" (38cm)



Addition Considerations

- Maximum weight: 2.0 kg
- Camera and microphone
- Tough and sturdy construction (case, keyboard, etc.)
- Additional Warranty above the standard 1 year
- Accidental loss and breakage insurance
- Security software (Anti-virus, tracking etc.)
- Cloud or USB based backup
- Carry case or skin for device protection.









EXPERIMENTING WITH SCIENCE

This has been an exciting semester for Science with some significant achievements and preparations for the future.



National Science Youth Forum Honours

Year 11 students Dongchan and Thomas have gone through a rigorous selection process and have been successful in their application to participate in the National Science Youth Forum. They will spend a few weeks during the upcoming Christmas holidays in Canberra ANU performing experiments of high scientific complexity, collaborating with like-minded students from all over the country and refining their STEM skills. In Thomas's words "While participating in the National Youth Science Forum, I am looking forward to discovering more about future careers in the STEM fields. We are grateful to Beecroft Rotary Club for their continuing to support our elite students at Penno."

Science Chemistry Awards

Fifteen Year 11 students undertook the Chemistry quiz for the first time this year. They were trained by Ms Leong at lunchtime in complex concepts of Chemistry. Congratulations to Dongchan who achieved a High Distinction, Claire, Leo, Patrick, Bridie and Rick who achieved a Distinction. Thank you to Ms Leong and the entire group of students for their commitment and passion in Chemistry, and their willingness to give up their recreational time to further pursue this passion.





Planning for 2018

Our dedicated teachers in the Science faculty have started their work in developing programs for the new syllabi for 2018 in Physics, Chemistry and Biology. They have been collaborating and brainstorming together to develop lessons that incorporate the STEM skills in the new syllabi as well as taking a closer look at the Depth Studies. Our teachers have participated in various courses offered by NESA, STANSW and Sydney University and are now bringing all the ideas together to develop the new programs.

Year 10 STEM Plans

Ms Leong and I are working closely with the teachers from TAS and Mathematics to design our first Year 10 STEM Science project for students who have high potential in Science in 2018. We spent three days at Sydney University this week, participating in the STEM Teacher Enrichment Academy, working and learning together. Conversations with University experts, scientists and direct discussions with Dr Karl was not only fascinating but enriching (see full write up on next page). It is always exciting to learn about the cutting edge research going on in various fields such as Genetics, Renewable Energy and Quantum Physics. The science teachers are working



tirelessly to develop critical skills in students seeking STEM careers that won't be replaced in future by robots. We encourage all students and in particular our female cohort, to consider selecting Physics and other challenging subjects such as Engineering Studies in the Preliminary and HSC Courses.



Preparations for the 2017 HSC

The HSC holiday study classes were very popular, with a huge turn out for both HSC and Preliminary Chemistry and Biology. In the evaluation sessions, our senior students requested to reduce the exam practice session to an hour but increase the feedback session by two hours. This reinforces the need and importance of our ability to provide constructive feedback in preparing our students for the HSC and dwell into deeper and more complex concepts. Thank you to all our dedicated teachers for attending these classes in the holidays.

Sohini Bhave, Head Teacher Science

OFFICE HOURS AND PAYMENT TIMES

The school office is open from 8.00am—3.45pm Monday to Friday (excluding Public Holidays) during school term.

The payments window is open from 8.15am—2.00pm on school days only.













SYDNEY UNIVERSITY STEM ACADEMY

Last term, Mrs Bhave and I applied to attend the STEM Teacher Enrichment Academy, run by Sydney University. Each year, the University selects 12 schools across NSW to be part of the academy and to work with them to develop STEM education. Our application was successful, resulting in the school STEM team going to the University earlier this week and working on campus for three days with both representatives from the University and the other 11 schools selected.

To quote from the Academy website "The STEM Teacher Enrichment Academy provides teachers with knowledge, skills, resources and support to make real change in their classroom teaching. It inspires teachers to pursue their interests in science, mathematics and information technology, and to pass on that inspiration to their students."

On the first day, our team were involved in ice breaking activities that focused on interdisciplinary project ideas across the Science, Maths and Technology faculties.

Throughout the course, teachers worked in their teams to develop transdisciplinary projects to run at their schools. We heard from some of last years STEM Academy schools on what they achieved with teachers participating in cross discipline sessions as well as networking with the University postgraduates and teachers from a large variety of schools.

A highlight was a lecture and follow-up Q&A with well know Australia Radio and TV science communicator, populariser, author and science expert Dr Karl Kruszelnicki. Dr Karl spent time talking to the our STEM teachers. Mr Antoon was particularly happy that his lifelong question of "are Dentists Doctors?" was answered for him. If anyone would like to know the answer to this also, please ask Mr Antoon to explain!

Dr Karl also signed a copy of his latest book, which he donated to our school library, and expressed interest in running a Skype session with our STEM students in the future.

Well done to our STEM team consisting of: Ms Bhave, Mr Gill, Mr Antoon, Mr Cterteko and Ms Leong, who worked tirelessly in the pursuit of STEM excellence over the 3 days. Everything learnt and planned will be appearing in a Pennant Hills High School classroom in the near future.

Brad Wilson, Head Teacher Industrial Arts (Relieving) and member of the STEM Team







PARENTS AND CAREGIVERS PLEASE DO NOT DRIVE INTO SCHOOL GROUNDS

In the interests of student safety, parents and caregivers are not permitted to drive onto school grounds at any time, including before or after school, to drop off or collect students, or to attend meetings with staff.

The only exceptions to this are when either you or your passenger has a disability or if you are picking up a sick or injured student.

School staff and drivers of visiting commercial vehicles are reminded that all roads within the school are shared zones with a speed limit of 5kph.

STUDENT SAFETY is up to ALL OF US THANK YOU FOR PLAYING YOUR PART









CHEMISTRY EXCURSION REPORT

On 8 November 2017, I and many other Chemistry students hopped on a bus heading to the Orchard Hills Water Filtration Plant, excited about what was to come. Needless to say, it was an educational, fun and certainly interesting excursion for our 3 classes. We came to the Orchard Hills Water Filtration Plant to assist us in our upcoming exam, as it briefly features Chemical Monitoring and Management. We experienced many exciting moments throughout our excursion. From learning how unsanitary raw water becomes the fresh, clear, clean water we use in our everyday lives,



to having a tour around the plant discovering what chemicals are put into our water in order to make it as fresh as it is. After our tour and a quick recess break, we hopped on our bus and headed for the St Marys Water Recycling Education Centre, hungry for more knowledge. There we were shown videos on membranes that would catch even the tiniest of microbes, and even carried out our own scientific investigation in order to discern the origins of the water. After that, we headed back to school, with the information we had learned from this excursion, ready and prepared for our exams.

Max, Year 11 Student

Thank you to Mrs Gill for organising and attending this valuable excursion. Our students greatly benefitted from interacting with the various instructors.





MMB AT SCHOOLS SPECTACULAR

Congratulations to the following students for their brilliant performances in the Millennium Marching Band (MMB) at the Schools Spectacular - *Own the Moment* event last weekend:

Year 7: Lucy; Year 8: David and Evelyne; Year 9: Eamon; Year 11: Sophie and Tabitha; and Year 12: Kalindi.



Are you changing jobs, moving house, changing phone number/s (including home, work and mobile) or email address/ es?

Please make sure your details are up to date so we can contact you with important information or when your child needs you.

- Change of Details forms are available for collection (by students, parents or caregivers) from Student Reception; or
- Email the school with the new details.

A current primary email address is very important to ensure you receive emails sent between school and home.

We thank you for your assistance

STUDENT ABSENCES

There are many sound reasons, including illness and family emergencies, why students may not be able to attend school on occasions.

The Department of Education (DoE) requires that all valid absences be supported by written advice from a parent or caregiver within seven days of the student's return to school. We are required to record as unjustified any absence not supported by a note from a parent or caregiver.

If your child is going to be absent from school for any reason, please phone the office as soon as possible to let us know and, most importantly, follow up with a note on your student's first day back at school.

Your cooperation will assist us in encouraging appropriate patterns of student attendance.





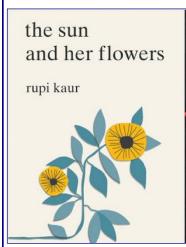


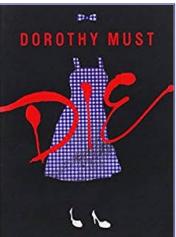


LIBRARY NEWS

Busy times in the library this term with our first stocktake using the *Oliver* library system. We are continuing to modify our spaces to create new teaching and learning areas for our students.

What's been popular this month?







Best wishes for the holiday season – don't forget to #Readwithaview!









#Readwithaview

Merise Feneley, Teacher Librarian (Relieving)





CATCHING UP WITH VISUAL ARTS

Off with the Birds

Year 10 studied how birds had been depicted in Visual Arts - in particular the work of Fiona Hall. She created a series exploring how insecticides and pollutants are killing birdlife. The aim of this unit was for the student to make a comment on the death of our birdlife. In a sketch the students had to combine a common household cleaner container with their chosen bird trying to relate the form of the bottle and the bird. They created the form in clay using the coil technique, which they built up and incised into, to add the details of beaks, eyes, wings with the text and patterns of the bottle etc. It was then fired and painted with colourful glazes. The completed birds were exhibited in the Annual CAPA Festival and later in the Visual Arts foyer with the common household bottles.





Modernist Painting

Year 11 have recently completed a 'still life on a still life' painting unit. They started by learning about how still life artworks had developed from a realistic representation to being abstract stylised images. They had to take a series of photographs at home of still life arrangements of objects and food from the kitchen for their subject matter. They selected the best composition to transfer as a painting onto a suitable kitchen object eg. a plate, chopping board or mug. They chose a Modernist painters' artwork to influence their technique, paint application and colours. Year 11 produced very engaging artworks and learnt a lot about still life as a genre.







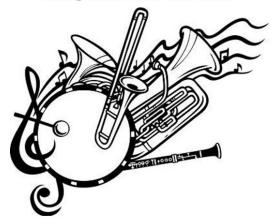


I'm in the Archibald

Earlier in the year, Year 10 Visual Arts went to the Art Gallery of NSW to see the Archibald Exhibition as research for an artwork piece. Each student had to select an image that they admired, research the intentions of the artist and then replace the main sitter with an image of themselves in the same pose. They painted the portrait on canvas board using the same background, colours and paint application as the original artist used. This teaches them new painting techniques and is more interesting than merely copying the work. For added interest they had to add a 3D object into the work.

END OF YEAR CONCERT

Pennant Hills High School's Concert Band 1, Concert Band 2 Big Band, Junior Stage Band, String Ensemble and Choir



Invite all students, parents and caregivers to our

End of Year Concert

On Wednesday 13 December 2017 From 7.30pm – 9.00pm in the MPC



SCHOOL BLAZERS WANTED

Do you have a school blazer that your child no longer needs? Our Band Administrator Anne Bassett, would be happy to put you in touch with parents wishing to purchase a blazer.

Please contact Anne if you are able to help. anne.bassett@det.nsw.edu.au





SPORTS SHORTS...

Footy and Fitness Training

Mr Williams is holding *footy and fitness* training sessions on a Thursday morning at 7.30am. All ages are welcome to join.

Changes to the Department of Education's Sport Policy

From Term 1 2018, it will no longer be compulsory for Year 11 students to participate in Sport on Thursday afternoons and as such, the following procedures will be implemented:

- Senior students who elect **not** to do sport are required to wear full school uniform and will be permitted to leave school at 12.30pm.
- Year 8 students will participate in Interschool/ Grade sport along with Years 9 and 10. They will be required to wear their sport uniform to school and will be dismissed at 2.30pm each Thursday.

More information has been emailed to families regarding the selection process and relevant costs.

Valmé Kruger Sport Coordinator







A reminder to all Year 12 students, parents and caregivers that Pathways 2 Uni provide FREE professional, transparent and unbiased student counselling and advice to help guide them through a range of pathway program options into universities and colleges.

The service is FREE to all Australian and International students.

Contact through the website pathways2uni.com.au or visit in person the Sydney CBD office any time from now until March next year.

BYOD and PDHPE

During PDHPE lessons students' BYOD devices will be kept secure in the PE storeroom.



Students must bring their devices to the storeroom at the start of the lesson.

James Boyer, Head Teacher PDHPE





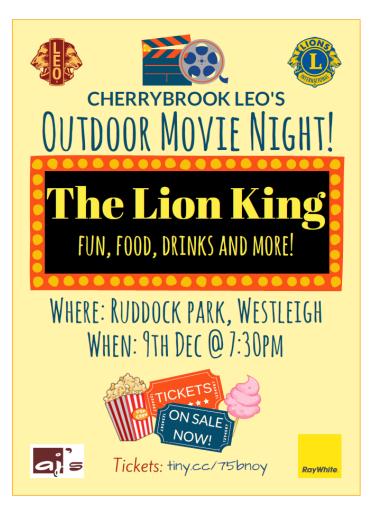










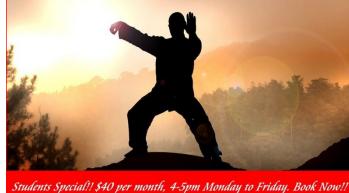










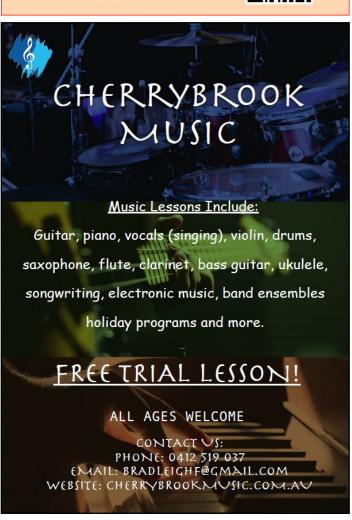


Taichi Qigong Reiki Centre

Suite 3, 43A Florence Street, Hornsby, NSW 2077 Phone: 0490 327 566, Email: tqrc108@gmail.com Website: www.taichiqigongreikicentre.com.au









COMMUNITY NOTICES AND CONTACTS

COMING EVENTS

St Matthews Anglican Church Service of Remembrance: For families whose children have died or are missing. On Wednesday 6 December from 7.30pm, Cnr New Line and Castle Hill Roads, West Pennant Hills. Enquiries 9479 3700.

Our Space Integrated Youth Service Hub End of Year Celebration: Free event Friday 15 December from 6.00pm-8.00pm at 167 Shaftsbury Road, Eastwood. Free BBQ and popcorn, community food market, Henna art design, live performances, fun games and prizes, art gallery/showcase. Enquiries 9858 3222.

Summer Holidays Basketball Camp: New kids club - all day camps available. December and January for boys and girls aged 6-17. Information at info@no1draftpick.com or phone 1300 336 137.

STUDENT EXCHANGE PROGRAMS

Rotary Youth Exchange: the opportunity of a lifetime for young Australians currently in Year 9 or 10. Expand your horizons with a year on Rotary Exchange. Discover a different culture - www.rotaryyouthexchange.net.au

Southern Cross Cultural Exchange: Information sessions www.scce.com.au or 1800 500 051.

LATTITUDE AUSTRALIA Volunteering and gap year placements for U/25s - www.lattitude.org.au or (03) 9826 6266

Student Exchange Australia NZ www.studentexchange.org.au or 9997 0700.

World Education Program Australia (WEP) www.wep.org.au or 1300 884 733 or on Facebook (wepaustralia)

Australian Institute of International Understanding (AIIU) www.aiiu.om.au or 1800 174 407 - program costs apply.

Lions Youth Exchange Program for 17-21 year olds - www.lionsclubs.org.au/ye

STS Student Exchange www.sts-education.com.au or 1800 263 964

AFS Intercultural Programs Australia www.afs.org.au or 1800 023 982

RECREATION AND SPORTING GROUPS

Oakhill Drive Netball Club Players Wanted: Junior players U7/8/12's and Senior players U15/16—17/18—21's. Please contact the registrar Leanne Scowen at odnc_registration@yahoo.com.au or 0412 561 114.

Northern District Hockey Association: www.ndhockey.com.au or phone 0419 299 808 (Adrian) or 0438 119 729 (Robert). U5 - U9 'Minkey'. U11, U13 and U15 mixed junior comp. Play on a world class artificial turf facility at Pennant Hills Park.

West Pennant Hills Cherrybrook Football Club: www.wphcfc.net.au

Rugby Connect - Trytons: is a Rugby Union program developed for boys and girls with special needs between the ages of 5-17 years. The season is run by Sydney Junior Rugby with the assistance of the Australian Rugby Union and NSW Rugby. Contact Matt Kellahan mkellahan@nswrugby.com.au or phone 9323 3407.

Hills Hawks Softball: All ages 4-adult welcome - www.hillshawks.softball.org.au or phone Hazel - 0414 474 461

Pennant Hills District Cricket Club: (15 years and over) pennanthillscricket.com.au Registration enquiries: penno.juniors@gmail.com or SMS 0450 226 158.

North Sydney Girls Cricket Association: www.nsgca.nsw.cricket.com.au/

Pennant Hills Cherrybrook Rugby League Club: www.pennostags.com. All ages.

Beecroft Cherrybrook Junior Rugby Union Club: www.beecroftjuniors.com.au or phone Nicola 0402 677 180.

Cherrybrook Table Tennis Club: 0412 520 854 - Enjoy social and competition table tennis.

Sydney Zodiacs Youth Dragon Boat Club: www.dbnsw.org.au or sydneyzodiacs@yahoo.com.au or 0410 655 764

Epping RSL Golden Kangaroos Marching Band: www.gks.org.au or 9868 3289

Northern Sydney Youth Orchestra: for young musicians. Not-for-profit organisation. http://www.nsyo.org.au Symphony Orchestra, Wind Ensemble and Strings Orchestra. Weekly rehearsals at Beecroft on Wednesdays.

2nd/3rd Pennant Hills Scout Group: 0408 121 690 (Greg Smithson) - Tuesdays (7-11) and Wednesdays (10-15).

Pennant Hills Girl Guides: Mondays - Guides (10-14) 5.30-7.30pm; Senior Guides (14-18) 7.00-9.00pm. 0438 284 592 (Fiona)

Hornsby District Athletics (children aged 4 - 17): Saturday mornings at Pennant Hills Park www.hdlac.org.au

Cherrybrook Athletics Club (children aged 5 - 16): Friday nights 5.45pm - 8.00pm www.cherrybrookathletics.org.au

Taiko Drumming (a blend of choreography, drumming, movement and music for everyone): www.taikoz.com

St Agatha's Youth Group: for students from Years 7 to 9 - www.stagatha.org.au or 0409 847 208 (Laura)

West Pennant Hills Netball: www.westpennanthills.netball.asn.au/ or http://www.facebook.com/WPHNC 'Netta' 7 - 9 years; Junior 10 - 15 years; Senior 16 years and above.

Thornleigh Softball: All games played at Galston. Contact Sharon - 0407 442 402. www.thornleighsports.org.au/softball

Cherrybrook United Netball Club: Games played at Pennant Hills Park. Modified 'Net Set Go' (5 - 9) Friday evenings; Juniors (10 - 15) Saturday mornings; Seniors (16 - open) Saturday afternoons. Phone Keryn on 0412 693 224

Castle Hill BMX Club: Fred Caterson Reserve, Castle Hill. Facebook: facebook.com/castlehillbmx President: Michael 0404 093 303. Email: castlehillbmx@hotmail.com

Hornsby Junior Touch Footy: All games played at Foxglove Oval, Mt Colah. Girls 9s–17s; Boys 9s–15s. Information/Registration: hornsby.mytouchfooty.com

North Rocks Softball: Teeball, Modball, Softball - school terms only - 5 years to adults - social and competitive. Information/Registration: northrockssoftball.org.au or phone: 0406 852 851.

Asquith Netball: All skill levels welcome. Information Linda Wilton 0403 214 410 or Asquithnetball@outlook.com

Pennant Hills Netball Club: pennanthillsnc.nsw.netball.com.au









COMMUNITY NOTICES AND CONTACTS

HELPERS NEEDED

Foster families needed: Department of Family and Community Services - 8303 7644 Carers can be singles, couples, with or without children, and from any cultural background.

Foster carers needed: Key Assets NSW, a dynamic not-for-profit foster care provider - 8336 5700 Providing high quality and innovative family placements for children and young people with varying needs.

Volunteer with Easy Care Gardening: www.easycaregardening.org.au or 9983 1644 (Hornsby/Ku-ring-gai)

Bilingual Volunteers Needed: City of Sydney Meals on Wheels - For more information, phone 8512 4230.

Lifeline Telephone Volunteers needed: It's never too late to make a difference ... or to learn new skills. Join a team of volunteers on the crisis support line based at Gordon. Training is comprehensive and ongoing support is provided for all volunteer counsellors. More information: 9498 8805 or admin@lifelineh2h.org.au

COMMUNITY SERVICES AND SUPPORT

Free adult Literacy and Numeracy classes - Meadowbank TAFE: 9942 3572. Reading, writing and speaking.

Free English courses for adult migrants - www.ames.edu.au: Classes at Hornsby, Chatswood and Eastwood.

English Classes - Wednesday evenings from 7.00pm - 9.00pm during school terms. Cost \$3.00 per week. West Pennant Hills Community Church, 41 - 43 Eaton Road, West Pennant Hills. Information and to register: 9872 4200.

The Kids Are All Right Website for parents of Australian teenagers. Go to www.thekidsareallright.com.au.

Tertiary Scholarships for children and grandchildren of Ex-Service Men and Women: Students selected on merit. Information and applications: www.avcat.org.au or phone 9213 7999 or 1800 620 361 (voicemail)

Jack's Youth Café at Hornsby (run by Fusion Sydney North): 5 Jersey Street Hornsby (a short walk from the station). After school activities for students in a safe environment, Tuesdays - Fridays 3.00pm - 6.00pm. Phone: 9477 1110.

Ability Options: a FREE service helping people with a disability into the job that's right for them.

More information: abilityoptions.org.au or contact Caroline Krix on 8811 1717 or caroline.krix@abilityoptions.org.au

Ability Links: supporting people with a disability, their families and carers to achieve their goals in life. For more information phone 8830 0768 or email abilitylinks@unitingcarenswact.org.au

Foster Care Association NSW: Advocacy, support and information for foster carers. www.fcansw.org.au or 4987 1847

Healthy Kids FREE Parent e-zine: important nutrition information and great recipes: www.healthy-kids.com.au

Enrol to Vote: If you are an Australian citizen who is 18 years of age or older, you must vote at all elections. Check if you're enrolled at www.votensw.info, enrol to vote at www.aec.gov.au or phone 1300 135 736

Uniting Care Northmead: 8839 5107 - Workshops and counselling for parents. Phone for more information.

TOUGHLOVE: 1300 856 830 - Parents helping parents to deal with problems of unacceptable adolescent behaviour.

Parenting Education for Mums, Dad and Carers: www.nsccahs.health.nsw.gov.au/caparenting

Information and education provided by NSW Health - Northern Sydney Central Coast.

Centacare Broken Bay: 9488 2523 - Advice and support for parents.

Depression Support Group: 1300 794 991.

Hornsby RSL - first Sunday of each month. Run by Association of Relative and Friends of the Mentally III.

Parent Line: www.parentline.org.au or 1300 1300 52 - Free professional service 24 hours every day.

Kids Helpline: 1800 55 1800 - Free confidential service 24 hours every day.

Mission Australia: 9480 2500 - Free case management and counselling support for young people and families.

Single With Children: www.singlewithchildren.com.au or 1300 300 496

Non-profit social group providing exciting activities for single parents and their children.

Sydney Single Parents: www.SydneySingleParents.org.au or 9634 7502 (Hills) or 9411 1858 (Northside)

Hills Family Centre: 8805 7288 - Workshops and courses for parents and families.

Wesley Mission Family/Youth Services (the Hills): www.wesleymission.org.au/centres/wesleydalmar/ or 8805 7288

Community Life Church Cherrybrook Life Centre: 9651 3534 - Counselling and parenting courses available.

Newcomers Club: www.sydneynewcomers.com.au - Social club for women, offering support and friendship.

NSW Health Free Dental Clinic for 12-25 year olds: 9687 2544 - High Street Youth Health Service, Harris Park.

Rotary Club of Thornleigh Farm Markets: Third Sunday of every month - 8.00am - 12.00noon - Phyllis St, Thornleigh

Christ Evangelical Centre of Australia Chinese Language School: 0410 613 814 (Jenny)

Cybersmart website: www.cybersmart.gov.au - Part of the Australian Government's cybersafety program.

The Australian Childhood Vision Impairment Register: www.vifamilynetwork.org.au

The Register collects and uses data to improve services for children and to research eye disease and disorders of vision.

Bedford College Play Sessions for children (0 - 5 years) and their parents/carers: Fridays 9.30am - 11.30am at 2 Columbia Court, Baulkham Hills. Small fee includes morning tea for children and their carers. Bookings: 1300 174 174

CatholicCare Diocese of Broken Bay: counselling, parenting and support groups. 9488 2400 or waitarafc@dbb.org.au

Our Space - Integrated Youth Service Hub, Eastwood: bringing together a variety of services committed to improving the wellbeing of young people aged 11–18 years. Information: www.ourspace.org.au or 9874 7458.

St Vincent de Paul Society: Interest free loans to low income families for essential household items. Phone 9477 5010

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