

# The Parkway

NEWCASTLE HIGH SCHOOL

*“Remis Velisque”*



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December, 2010

Parkway Number 11



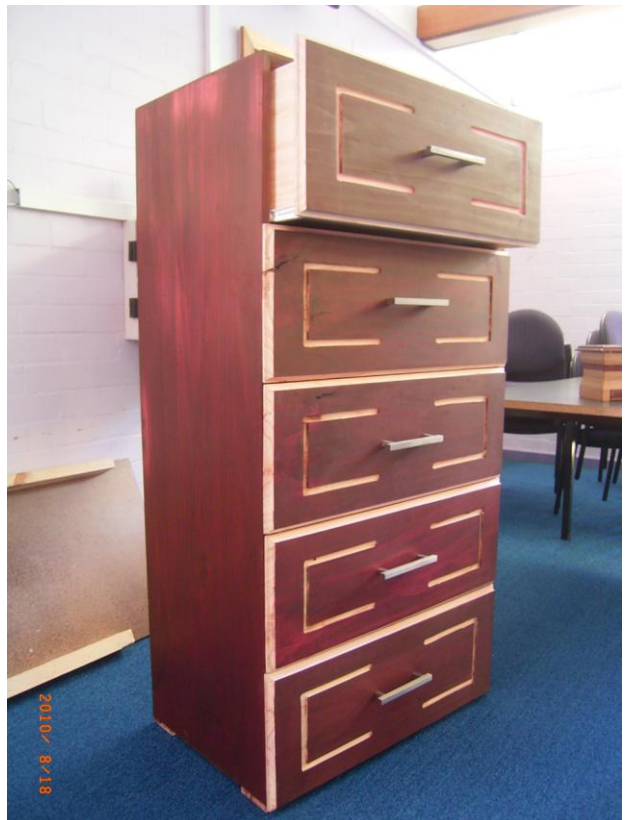
The next P&C/Canteen Christmas Function will be held on  
Monday December 6, 2010 at 5.30pm.  
Please meet at Lowlands Bowling Club.  
**ALL WELCOME.**

## YEAR 12 INDUSTRIAL TECHNOLOGY - TIMBER AND FURNITURE INDUSTRIES

Once again Year 12 HSC Industrial Technology students have produced some outstanding pieces of furniture for their Major Projects. These pieces highlight the culmination of the knowledge and skills they have learned during their time studying furniture making processes.

Students were required to research and incorporate existing products and industrial processes in the development of their work as well as apply all relevant OH&S procedures and meet a specific deadline. The completed projects were all constructed to a very high standard and the students should take great personal satisfaction in what they have achieved.

WORK BY  
DEJAN MARIC





JAMES WOODCOCK



JASMINE ZIOLKOWSKI

JESSE WEBBY







RYAN BAKER



ZACHARY HILL



## INDUSTRIAL ARTS

As 2010 draws nearer to conclusion, we can reflect back on what has been yet another very successful year for the Industrial Arts faculty.

The **HSC Industrial Technology** furniture construction students have again produced some exceptional Major Projects. A wide range of projects were attempted including entertainment units, coffee tables and even a jewellery box. A big thank you must go to their teacher Mr Prior and also well earned congratulations to all students on the success of their projects.

A class in Graphics Technology (Technical Drawing) ran for the first time in a long time in Year 9 this year. This subject is a must-have for all trade courses and apprenticeships.

The **Metals and Engineering** course has just completed its third year of operation with some difficulties due to the refurbishment of the Metals Workshops. We look forward to the new workshops being fully operational in the new year. Our students in this course have achieved some fantastic results. Some students while undertaking work placement were successful in receiving permanent job offers.



The **Senior Preparation Program** which ran again this year for year 10 students has enabled them to experience various fields of Engineering and Construction such as Civil, Electrical, Mechanical and Metallurgy. This course offers students some practical, hands on experiences which lead them into the HSC Engineering Studies course.

The CO2 Dragsters were again popular with the students as an example of Mechanical Engineering. A variety of model bridges was constructed and load tested as an example of Civil Engineering.



On a sad note we will say goodbye to Mr Rossetti at the end of this year. He has been given a permanent position at Hunter Sports High starting 2011. Mr Rossetti will be missed by the Industrial Arts Department and I would like to take this opportunity to thank him for his commitment to public education and for what he has done for the students at Newcastle High School.

David Campton  
Head Teacher Industrial Arts.

## PRINCIPAL'S REPORT

I have just seen an advertisement saying it was a month to Christmas....where did the year go? With this in mind this will be the last BIG 'Parkway'. This edition highlights achievements in Industrial Technology, Creative and Performing Arts, Sport, Food and Textiles Technology and Science. A smaller edition will be published late in term 4 with details of the start of the 2011 school year.

The school is still a hive of activity with teaching and learning still taking place. This is particularly important for year 10 students who are required by the change in the school leaving age to remain at school until the end of the presentation of their School Certificate on Friday 10<sup>th</sup> December. The students are engaged in a range of activities as well as lessons. Groups of students are completing White Card training, volunteering as leaders for the Science Challenge, assisting elderly citizens learn computing skills, building a barbeque at the school, participating in CAD training at TAFE, as well as getting a 'jump start' on their year 11 courses. Students who complete 85% attendance will be awarded a Senior Entry Certificate. Students who choose not to attend school may lose their place in some high demand courses for 2011. Exemptions can be granted to students undertaking training.

Congratulations to year 10 students on their behaviour during the School Certificate. Mr Kleeman the supervisor was particularly impressed with the co-operation and effort the students displayed during these tests.

Good news has already been received regarding the HSC. Angus Kempton Webb has been nominated for Art Express and Courtney Hollings has had her work nominated for inclusion in Design Tech. Well done to these students and to their teachers.

Three senior boys have been awarded regional Sporting Blues. Well done for Jarrad Rotumah, Shaun Rich and Jacob Pepper. These awards will be presented in early December.

The staff is busy completing reports for all students. These reports will be distributed to years 7, 8 and 9 early in week 10. If parents would like the report mailed home please provide a self addressed A4 envelope with a \$1.20 stamp on it to the school office. Please write your child's name on the flap of the envelope.

Thanks for the amazing effort with the Coles docket promotion. Over 20,000 dockets were collected and have been forwarded to Coles. We are waiting for more details.

Early in the month music students performed at Lizotte's Cabaret venue. There is a full report in this bulletin. But WOW what a great night. I was particularly impressed with the high production values. Students' movement on and off the stage was very professional, to say nothing of the talent on display.

All students have been given details of the new uniform shop that will commence to operate from December. The shop will be open during the last week of the school holidays. Students in years 7 and 11 are the first group of students to wear the new uniform. Year 10 students can wear the new senior uniform. The shop will be in full swing for the Year 7 Orientation Days. If you have a child in other years and new items of uniform are required, students should purchase items of the new uniform. Details are also included in this bulletin and on the school's website – [www.newcastle-h.schools.nsw.edu.au](http://www.newcastle-h.schools.nsw.edu.au)

Ms Lidden and Mr Doherty, the year 7 advisors 2011, have been doing a stunning job providing transition programs for year 6 students. Ms Gibson and Ms Ferguson have been supporting these teachers to ensure that students have a smooth start to year 7. The year 7 (2011) Orientation Days are scheduled for the 7<sup>th</sup> and 8<sup>th</sup> December.

Painting of the Cultural Centre and rear of A block commenced today. The Science upgrade is well under way and will be completed by the start of the 2011 school year. I still do not have a commencement date for the Metals and Engineering upgrade. The water tank was installed last month and is full of water, ready to keep the gardens alive.

Today the school hosted a major international event with the signing of a new education agreement between the Hunter Central Coast DET region and Ube City Japan. We have been fortunate over the last thirty years that many students and staff have had the opportunity to visit Japan under this Newcastle Sister City arrangement. Our students spoke to the Japanese guests as well as performing for them in Japanese. The mayor of Ube was stunned with the work being done at NHS. My thanks go to Meredith Engel, one of the Language teachers, for her efforts with this ceremony.

I look forward to meeting with many parents and carers at the upcoming presentation days and the final P&C night out. Dates are published in this bulletin. Please make the time to attend at least one of these celebrations of the life of Newcastle High School and support our community in getting the good news out into the community.

Mark Hewitt  
Principal



## MUSIC

Music at Newcastle High School has been amazing in the past few weeks! Students have been busily working towards performances at Lizotte's for our Showcase and the Civic Theatre for the 50th anniversary of the Hunter Central Coast Music Festival! We have also had a very successful band and choir workshop day where we worked very hard to refine the school song, our National Anthem and the assembly entry song, Gardeamous.

The performance at Lizotte's was so exciting! Students really strived hard to prepare quality musical items to be able to present a fantastic show! The venue at Lambton has a great vibe and our students were extremely professional in the way the show ran through so quickly and efficiently - Brian Lizotte, owner of the Lizotte's Theatres - said that he felt our school had a great energy and he was very impressed with Newcastle High School. We have already expressed our interest in performing there again twice next year! Many of the staff from our school went to support our amazing students, we also had members of the P&C Association, many parents and friends also attend the evening. Thanks to all the wonderful students who bring acclaim to our school with their efforts in representing Newcastle High School with such positive and energetic enthusiasm. The Music staff and Mark Kempton HT CAPA are very proud of all those involved and will continue to present these opportunities for our students.

Hunter Central Coast Music Festival celebrated its 50th anniversary this year and Newcastle High School students once again participated in this event with pride and professionalism. We held the combined choir rehearsal in our very own Main Hall - this was the original venue for the event at its inception in 1960! We had many schools from across the region visit, bringing over 300 students to our school. Phoebe Kearney represented NHS at the regional level in Hunter Singers and Declan Scott and Kate Carmen performed with the Regional Wind Ensemble. The choir students were excellent participants and ambassadors and they improved on their singing talents significantly with the difficult yet fun and enjoyable repertoire.

Hunter Singers are the regional choir and will be calling for auditions towards the end of the term for students to begin with the prestigious group in 2011. They perform at various venues such as the Sydney Opera House, Newcastle City Hall, Newcastle Conservatorium and the Civic Theatre and will be travelling to America in 2012 for the World Choir Games - a wonderful opportunity! Students who wish to be involved should contact Mrs Hudson for an audition form.

Music staff have prepared the band and choir to present items at assemblies and are hoping to encourage all interested students to come along and enjoy the opportunity to perform. Our students in the school band and choir have a strong sense of school pride and enjoy the challenge and commitment of their team efforts. We also have so much fun. Rehearsals for the school band are open to anyone interested and willing to play an instrument, even if you don't know how yet, come along on Tuesday afternoons from 3pm – 4pm. Our choir rehearses on Wednesday's at lunchtime meeting in Room 15 and we encourage anyone who is interested in singing! It is a great way to increase your confidence, abilities and talent! Challenge yourself and

commit to something new! Please see Mr Gill, Mr Danvers or Mrs Hudson if you're interested or just rock up!

Our students are currently studying Film Music, Music for Radio & TV, Composing, Producing and Marketing, Recording and Instrument and Repertoire topics in class. We are working to help students improve their bookwork and organisation in class. Students are encouraged to take responsibility for being organised and prepared with equipment for each lesson. Thank you for your subject contributions that continue to support your students in their learning!

We look forward to the presentation assemblies this term and hope to see you there!







On the 1st of December our students will be presenting a concert at Charlestown Square from 11-12:30. This concert will involve students from years 9, 10 and 11 and is part of a series of concerts and activities at Charlestown Square organised by Capree Gaul for the opening of the South Piazza.

Year 9 Concerts on the Hill @ School will be held on the 26<sup>th</sup> of November & the 30<sup>th</sup> of November. This will showcase what the students have been learning in class and is a good chance for students to perform in front of their peers. The first of these series of concerts was held on the 18<sup>th</sup> of November and was well received and supported by students and staff.



The 8<sup>th</sup> of December will be an evening concert at The Royal in Bolton St featuring Year 10 students and some staff appearances. Further information will be emailed to parents and posted around the school.

Lizotte's was a great success this year! Our students were fantastic and presented a very professional performance. The event was attended by many staff, parents and friends. Even Brian Lizotte, the owner and founder of Lizotte's, said our school had a great vibe. Newcastle High School has already secured two dates at Lizotte's next year!!! It's an awesome venue and we are really looking forward to presenting more successful Music there next year!

Meet The Music for Year 12 students. These concerts are significantly worthwhile and include a package of resources we will be able to use in class. Any students or parents who are interested in attending may also do so. It is \$85 for four concerts at the Opera House in Sydney, please call Mrs Hudson or email [natasha.ryan1@det.nsw.edu.au](mailto:natasha.ryan1@det.nsw.edu.au) if you are interested in attending.



Hunter Singers & Hunter Kids Sing Auditions – see the Hunter Singers’ website [www.huntersingers.com.au](http://www.huntersingers.com.au) for audition forms and information. Hunter Singers is a regional choir for students in years 7-12. Hunter Singers offer fantastic opportunities for musical development and travel. The organisation is in its 21<sup>st</sup> year under the direction of Kim Sutherland who founded the group. Kim is Head Teacher Creative and Performing Arts at Lambton High School. The group will be travelling to America in 2012 to participate in the World Choir Games.

Music students will be participating in performances at year assemblies for years 7/8/9 on the 2<sup>nd</sup> of December and the year 10 presentation assembly on the 10<sup>th</sup> of December.

Our school band rehearses on Tuesday afternoons straight after school until 4PM. Any students who are interested or keen to play or even learn a new instrument are encouraged to come along! It’s a great opportunity to be involved in performing in the community and at school.

Our school choir rehearses on Wednesday’s at lunchtime! Don’t forget to come along, it’s so fun! Our school choir recently hosted the rehearsal here for the 50<sup>th</sup> Anniversary Hunter Central Coast Music Festival and participated in the concert at the Civic Theatre on the 2<sup>nd</sup> of November. All choir students were excellent role models and represented our school at the highest standard.

Students going into year 12 will have an opportunity this term to tour the facilities at the Newcastle Conservatorium and become familiar with the technology used by the Con and learn about the courses on offer and what is required. This is a great opportunity and will make our students feel welcome before the HSC Music Day excursion we will attend next May.

We wish our students who auditioned for Star Struck well with the next round of auditions.

We would sincerely like to thank and acknowledge Mr Chris Danvers for the wonderful work and dedication he has shown over the past years at Newcastle High School and wish him well with his future endeavours. Mr Danvers or “Danvie” as the students affectionately call him will be sincerely missed by staff and students. He has great skills particularly in recording and has given much of his own time to organise recordings and performances.

It is great that our students are so active in the community and perform with such enthusiasm and to such a high standard. Congratulations to all students on achieving great results in Music!



Mrs N Hudson



## SPORT

### Cricket

One of our last Knockout Teams for the year was the open Boys Cricket Team, who, after success in Round 1, continued onto Round 2 in late October, where they soundly defeated Lambton High. Rather than a brief summation of the game, we thought we would include Coach G. Hewitt's report:



#### **Match Report Senior Cricket Newcastle v Lambton National Park No.5 Sportsground 20/10/10**

Brief, afternoon and evening showers brought a sense of the unknown as players from both teams approached the wicket the following morning to assist their captains in making the right call. The slightly damp conditions and the luck of the toss was all it took for the Lambton captain to gamble on some early life in a flat but patchy looking track. After a slow start to the run scoring and some useful bowling from the Lambton quicks, which yielded them two scalps, he appeared to have made a good choice. But that is not the story of this game.

Philosophical after losing the toss, Jason Bulakovski donned the pads and fearlessly strode to the crease. Determined to see the shine off the ball, both he and Ben Cox focused on leaving a sun baked strip for the middle order to enjoy. Bulakovski and then Jack Agnew became the casualties in the early struggle for dominance. Cox battled gamely through this initial confrontation and put together a resolute, yet aggressive 25; a solid innings from the young'n and only his second dig in the seniors.

Cox's demise brought together two of the team's longest standing members; Jordan Phillips, an aggressive yet stylish hitter with a consistent string of good scores over the years, and Nic Tantos, a talented strokemaker who promised much but had fallen on lean times over the last four years. As the last vestiges of moisture drained from the wicket, Phillips was suddenly focused and punished the Lambton attack with a polished and inventive 51.

What proved to be the innings of the match belonged to his partner, Nic Tantos. He began sensibly, nudging it around and only attacking the bad ones. Yet by the time he walked from the ground after a memorable 101 not out, he left behind a Lambton team that had been brutalised by the power of his strokeplay; one straight hit from his blade having to be fetched from the neighbouring No. 2 Sportsground. Lambton dejectedly trudged from the field with the knowledge they would have to score more than 205 to snatch the win.

While the Lambton boys pondered their vegemite sandwiches, Newcastle adjourned to their dressing room at a local fast food outlet to discuss tactics and replenish essential sugars, salts and saturated fats. Returning just in time for the restart of play, the Newcastle boys confidently took to the field. Harrison "the beast" Nadfalusi and Sheldon Candian took the responsibility of getting the boys on their toes and ready to resume the contest.

A fierce opening spell from Max Bryant, 2/29 and Jarrad Rotumah, 3/30, kept Lambton's best players at bay in the early stages. Despite stout resistance from a couple of batsmen and some regrettable dropped chances, the pressure to keep scoring eventually brought their assault undone. Bulakovski also tied up one end with the ball and Will Stamford was unlucky with two dropped chances from some purposeful bowling.

As Lambton became more desperate the opportunities presented themselves. Agnew's speccy at short cover dented their initial onslaught and Stamford's confident take at deep long on was crucial in sealing the match. Caleb Dawes-Carlin also put his body on the line with a miracle chase and dive attempt. Although unsuccessful, he typified the determination of the team. A field placement error by the vice-captain also robbed Zac "EJ" Lewis of a certain catch, but he took it with good grace and selflessly moved on with a steely look of total concentration. With Lambton going down fighting, Tantos consulted skipper Bulakovski and capped off a fine performance with the removal of two batsmen via his deceptive floaters.

Tantos was unanimously awarded the B.O.G. for his memorable batting, mostly accurate bowling and astute, self-appointed vice-captaincy.

A satisfying victory considering the continued absence through injury and loss of form of star player and mentor Jerry Mikelatos. Team masseur Kieran Gordon will advise in the case of any progress.

G Hewitt  
Team Coach

Unfortunately the Round 3 match against Whitebridge didn't go to plan. We lost. Congratulations to Jordan Phillips who took a magnificent hat trick which proved to be our only highlight of the day.

## **Athletics**

Congratulations to Angus Drew who, after success at the Hunter Region Carnival (where he was the 15years Age Champion) and the NSW CHS Carnival, finished 6<sup>th</sup> in the 15years 400m at the NSW All Schools Athletics Carnival. Well done Gus.

## **Football (Soccer)**

After his success as a member of the NSW All Schools Open Football Team, Jacob Pepper has been selected to tour China and Japan in early 2011 with the Australian Schoolboys Football Team. An outstanding opportunity for Jacob, congratulations.

The end of Term 4 sees the Hunter Region Sports Awards being presented. This year's presentation will be at the Wallsend Diggers Function Centre on Wednesday 1<sup>st</sup> December.

At this presentation three Newcastle High School students will be receiving a Hunter Region Blue. This is the highest award that can be received in school sport in the Hunter Region. Congratulations to:

- Jarrad Rotumah (Year 11) – Hunter Region Sporting Blue for Touch
- Shaun Rich (Year 12) – Hunter Region Sporting Blue for Rugby Union
- Jacob Pepper (Year 12) – Hunter Region Sporting Blue for Football



Well deserved awards for three talented sportsmen, well done Jarrad, Shaun and Jacob.



JACOB PEPPER



SHAUN RICH



JARRAD ROTUMAH

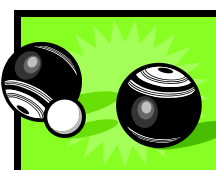
## 2010 ROUND UP

In previous bulletins this year we have acknowledged the many outstanding individual and team achievements. Many students have represented in Hunter Region and NSW CHS Teams. These achievements combined with success in CHS Knockout and Competitions has made 2010 another successful year.

This year we have had 38 teams represent our school in 20 different sports. Our many teams achieved a range of success, as well as having the fun and enjoyment of competing against other schools from around the region and the state.

Special mention to teams that progressed through a number of rounds of the State Knockout:

- Open Boys Touch (Round 4)
- Open Boys Football (Soccer) (Round4)
- Open Table Tennis (Round 4)
- Lawn Bowls (Round 3)
- Open Boys Cricket (Round 3)





And our NSW CHS Representatives:

- Jacob Pepper (Football)
- Jarrad Rotumah (Touch)
- Shaun Rich ( Rugby Union)
- Angus Drew (Athletics)

Congratulations to our joint Sportsmen of the Year, Jacob Pepper and Shaun Rich.

Special mention should also go to Jacob Pepper who as a member of the NSW All School Open Football (Soccer) was selected to tour China and Japan in 2011 as a member of the Australian Schoolboys Football Team.

As this is our final bulletin for the year we would like to once again thank all those students who have so enthusiastically represented Newcastle High School in sporting competitions this year. Over 300 students have represented our school this year, with many of them representing on numerous occasions in many different teams. As well as being an enjoyable and valuable opportunity and experience for the students, the majority have been wonderful ambassadors for our school and represented Newcastle High School with pride.



Special thanks to the 17 staff who volunteered to coach the teams, the many staff who covered their lessons and the parents who supported and transported these students.

Merry Christmas  
Mr P Wagner/ Mrs N Blatchford  
Sports Co-ordinators

### **SBAT positions**

Two Reece Plumbing SBAT positions in Transport and Logistics are available in the Newcastle area; they are for the Newcastle store in Islington and Kotara store.

Year 10 students who are interested in applying for these SBAT positions need to complete the online form located at the following link –

[www.reece.com.au/careers/asba/register](http://www.reece.com.au/careers/asba/register)



## **The Uniform Shop**

### **0434 626 009**

The Uniform Shop will be officially opened for business  
**Thursday, 2<sup>nd</sup> December, 2010.**

**FITTING APPOINTMENTS** will begin December 6<sup>th</sup> 2010,

Uniform Shop business hours during school terms are:

**Tuesday 8.00am – 10.00am**

**Thursday 8.00am – 10.00am**

The uniform shop can be contacted outside of business hours by email -  
[newcastlehs@alinta.com.au](mailto:newcastlehs@alinta.com.au) .

Payments can be made direct to Alinta Apparel on the day of purchase. Alinta will take payments in the form of cash, credit card, or debit credit card.

Booking times and price lists for uniforms are now available for next year's uniform requirements. Book online: [www.alintaapparel.com.au](http://www.alintaapparel.com.au) or call the uniform shop during normal business hours for an appointment.

New families with late enrolments will have their own booking day made available: one in December and one in mid-January.

Uniform price list & online shopping available at:  
[www.alintaapparel.com.au](http://www.alintaapparel.com.au)

## **JANUARY SHOP OPENING TIMES**

**Monday 24<sup>th</sup> January 2011 : 9.00am – 4pm**

**Tuesday 25<sup>th</sup> January 2011 : 9.00am – 4pm**

**Thursday 27<sup>th</sup> January 2011 : 9.00am – 1.00pm**

**Friday 28<sup>th</sup> January 2011 : 9.00am – 1.00pm**

**Monday 31<sup>st</sup> January 2011 : 8.00am – 11.00am**

**Normal shop hours resume : Tuesday 1<sup>st</sup>  
February.**

**There will be limited fitting times in January for back-to-school, so please make your fitting appointments for December.**



## REGISTERING ON THE ONLINE SYSTEM

1. Go to <http://www.alintaapparel.com.au>
2. On the bottom right you will see a customer log in box. Click on “register”
3. You will now have the registration page up. In the school field type “Newcastle High School” then click “verify” – you cannot enter any further details until this step is finalised.
4. Complete the rest of your details on this page then click “register” at the bottom of the page.
5. The system will advise you that your registration is now complete. Click on “continue”
6. You will be returned to the Alinta home page – you can now enter your email address and password into the **Customer Login** section at the bottom right of the page.
7. You will now be in the SCHOOL section of the site (you will notice the school logo on the top right of the page).

## VIEWING UNIFORM PRICE LIST

8. On the left side of the screen, you can click “price list” for details for details of the uniform and pricing.

## BOOKING A FITTING APPOINTMENT

9. To book a fitting appointment, click on “Book a Try”
10. Dates shown in **orange** on the calendar are days where appointment times are available. Click on your preferred day to view available times to the right of the calendar.
11. Available appointment times will show up white with the words “create booking” to the far right side. Click on “create booking” to choose that time slot.
12. If you make a wrong booking you **MUST** click on “cancel my booking” to then choose another time slot, as you can only book one appointment per person.

**General Internet Tip – if the web page has missing images or details please hit the refresh button on the screen.**



## P&C UPDATE

Thankyou to everyone who came along to support our fundraising shopping bus tour to Sydney on Saturday 30<sup>th</sup> October. Lots of fun, frivolity and a good work-out with the credit cards and thanks to Wendy, photos posted on our school website! A very big thankyou to some great donations from Harbourside Takeaway, The Bottle-O Wickham and The Albion Hotel. Thanks for making our raffles so successful.

On Monday 1<sup>st</sup> November our school band performed at Lizottes in Lambton, this was a wonderfully supported night, so well done to everyone involved.

CAPA Faculty has booked another evening of music at The Royal Exchange, Bolton St, Newcastle on Wednesday 8<sup>th</sup> December @ 7pm. All welcome to hear the talents of our music students & teachers. For more details please contact the school on 49693177. Thanks to Dean Winter, parent and owner of The Royal Exchange.

Our gardening group has only one more morning organised for this year, Sunday 28<sup>th</sup> November at 9am, please meet at the Smith Street entrance. This will be another mulching day so wheelbarrows would be greatly appreciated.

We have a Canteen/P&C Christmas function organised for Monday 6<sup>th</sup> December at 5.30pm Lowlands Bowling Club. Anyone on the canteen roster who would like more details please contact Michelle in the Canteen on 4969 2370.

I would like to thank everyone who has supported and been a part of P&C and the Canteen for 2010.

Best wishes,

J. Woodcock  
President

<b>IMPORTANT DATES FOR THE DIARY</b>	
Year 7 – 9 Presentation Day	2 December 2010
P&C Christmas Function	6 December 2010
Year 10 Presentation Day	10 December 2010
Year 7 – 10 reports Distributed	14 December 2010
<b>LAST DAY OF TERM FOR STUDENTS</b>	15 December 2010
<b>LAST DAY OF TERM FOR STAFF</b>	17 December 2010
<b>2011</b>	
<b>Staff return</b>	28 January 2011
Years <b>7,11,12</b> return	31 January 2011
Years <b>8, 9,10</b> return	1 <sup>st</sup> February 2011

## SCIENCE NEWS

Year 10 Science students have started a Science transition to senior school program which will run for the remainder of the term. Students have been placed into groups based on their senior subject selection. Each group will be working on scientific methodologies and skills pertinent to their needs in the senior school. It is hoped that this program will be meaningful and useful for all of our Year 10 students.

The refurbishment of laboratories 6 and 7 is nearly finished and they should be in use before the end of term. It is hoped that these new facilities will provide an ideal environment for learning science and will enhance the opportunities of our students at Newcastle High.

Congratulations to those students involved in the Science and Engineering day held on Wednesday 24<sup>th</sup> November. This event was a great opportunity for students fully funded through the Me program. Thankyou to the organisation of Ms Murphy and Mr Rule.

S Bromfield  
Head Teacher Science

**Science Puzzle #2** – See Mr Bromfield to claim a prize



### ***Missing Hat***

Joe broke camp early and motored steadily upriver to his favourite fishing hole. A kilometre upstream his hat flipped overboard, but Joe didn't notice it for another 5 minutes. As soon as he realized what had happened, Joe turned around and gave chase. By chance, he came upon his hat, still floating merrily downstream, just as it was passing his campground. Assuming Joe motored at full speed for the whole journey, how fast was the river flowing?

### **Science Puzzle #1 and solution**

#### Two Trains and a Zigzagging Fly

Two trains are on the same railroad track 100 km apart and heading toward each other. Each one is travelling at a speed of 50 km per hour. A fly, initially on the front of one train, flies at 75 km per hour toward the oncoming train. On reaching it, the fly turns around (instantaneously) and flies back toward the first train. When it reaches the front of this train, it turns around (again instantaneously) and flies back in the other direction.

How many km will the fly have travelled in this back-and-forth manner before the trains collide and squish the fly?

**Answer** – The trains will collide in 1 hour so the fly is flying for 1 hour. The fly therefore travels for 75Km (speed of fly was 75Km/h)

## **FOOD AND TEXTILE TECHNOLOGY NEWS**

It is hard to believe that this is the last bulletin for 2010; the year has gone so quickly yet on reflection we have achieved so much. With only a few weeks until the end of the school year there is still plenty to keep students and staff very busy.

Year 12 Exploring Early Childhood students are presently making weekly visits to Hamilton South Pre-School to observe and work with under fives.



Year 12 Design and Technology students attended an onsite excursion to Varley Engineering at Tomago on the 18<sup>th</sup> November to conduct research on the most recent developments in the design and manufacture of fire engines. The information gathered is to be utilised by students to prepare an innovation case study, which is a mandatory component of the HSC course.

This task is due on the 3<sup>rd</sup> of December and makes up for 25% of course assessment. Staff and students would like to extend their thanks to this organisation for their ongoing support of our school and its students.

Talking technology - a big congratulations to Courtney Hollings whose Major Design Project has been nominated for the Design Tech 2011 display, a huge success and a definite indication of what a student can achieve through hard work and perseverance.



Year 10 students have commenced their Senior Entry Courses for all of our subject areas, in our faculty this involves a four week unit of work specifically designed to extend students and help them for the upcoming demands of Year 11.

Some highlights in junior classes include Year 9 Food Technology students who are presently creating buffets and banquets as part of their Food Service and Hospitality unit. While Year 9 Textiles have gone to the beach as they use a variety of fabric decoration techniques to create non-apparel items inspired by the theme of 'Sea and Sand'.



The staff of the Food and Textile Faculty would like to take this opportunity to thank parents and the community for their support during 2010. Your donations of magazines, fabrics and patterns that often arrive at the school for our use are very much appreciated and add to the resources we have available for our students.

Having acted as the relieving head teacher for Food and Textiles this year I would also like to thank the staff of this excellent faculty for their effort and support. You all work really hard to make education for our students relevant and challenging. I look forward to the return of Mrs Munro next year as our leader, her time as Head Teacher DER has been instrumental in the introduction and ongoing success of Technology on a whole school front.

We all look forward to the challenges and future success of 2011. MERRY CHRISTMAS.

Ms. Queenan



Courtney Hollings' Major Design Project

## Experience another culture

### BRING HOME A BROTHER OR A SISTER



In January 2011, students aged 14 – 19 years from Japan, Europe, the USA and South America will be arriving in Australia to study at local schools for 2-10 months. Opportunities are available to act as a host family in a volunteer/unpaid capacity. Hosting can be on a temporary, short or long term basis.

Host families help provide each student with the chance to study and experience life in Australia. This is a great way to practice another language, share your stories, learn about another country and culture, establish a lifelong link to a family in another country and contribute to international goodwill.

Our students bring with them their own spending money, health insurance and a wonderful attitude and desire to learn about their new host country. Your whole family....and your relatives and friends....will grow and learn as you all get to know your new 'son' or 'daughter' from another land. If your family can offer a friendly, supportive and caring home environment, contact us today.



To learn more about this opportunity call Student Exchange Australia New Zealand on 1300 135 331 or visit our website. <http://studentexchange.org.au/host>

## Charles Sturt University

### Welcome to Year 12!

Charles Sturt University (CSU) would like to welcome all Year 11 students to their final year of study and to let you know about a great resource to help you through Year 12. Developed as part of the survival guide for students and parents, NSW HSC Online is an educational resource that has been helping students since 2001. It provides study materials for over 50 HSC subjects as well as study tips and forums. Have a browse at [www.hsc.csu.edu.au](http://www.hsc.csu.edu.au)

### Explore life on campus now!

If you're in your final years of school, it's never too early to start looking at university campuses. Charles Sturt University (CSU) has an **open day every day** scheme which means you can book a tour at any of their five regional campuses when it suits you. A tour with an experienced student ambassador will help you acquaint yourself with the campus and its facilities. You can also organise to talk to staff members or lecturers about courses of interest and find out what really it's like to study at CSU. Tours are available Monday to Friday and bookings are essential at least three business days before the time you require. Find out more at <http://www.csu.edu.au/campustour.htm> or call 1800 334 733.

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## Pre-Christmas Clear Out!

A local team of teachers will be travelling to Nadi during the summer break to take provisions to support a primary school in Visaisai village.

We are helping to collect resources from the list below and would greatly appreciate any items which you no longer require.

**Educational activities, toys and posters.**

**Mega blocks, Duplo or Lego in any quantities.**

**Board games**

**Unused drawing books.**

**Cassettes and CDs**

**Books**

**Jigsaws, puzzles, unsolved Rubik's cubes!**

There will be a box in reception to receive donated goods. Many thanks for your support. Vinaka!