

The Parkway



September 2016

Parkway Edition No. 06

PRINCIPAL'S MESSAGE

Term 3 is an extremely important term for our Higher School Certificate students, as they complete courses and finalise study plans in preparation for their examinations. Students and staff are putting in many hours of work during and after school hours for all subjects, especially those with a major project component. Committed students have been attending the study afternoons in the Library every Tuesday and Thursday and I would like to thank all the teachers that volunteer their time to support students through this initiative.

There is no secret to success in the HSC, preparation and hard work are the keys. Most students will have developed a study plan by now but if any student would like some help managing their time between now and the exams, or during the exam period, please come and see me.

Some tips and strategies to use your study time effectively include:

- Complete past papers at www.boardofstudies.nsw.edu.au/hsc_exams/
- Time yourself completing different sections of past papers including essay questions
- Look for gaps in knowledge and request feedback on specific questions
- Organise a study group with friends, it can be more enjoyable to study with others
- Condense your study notes to dot points and test your knowledge by expanding each dot point
- Compare previous year sample answers and marking guidelines at www.boardofstudies.nsw.edu.au/hsc_exams/papers.html.

Planning is well underway for 2017 which will be the final year of our current 2015-2017 school plan. Two changes include:

1. **Whole school sport** - Years 8-10 will be introduced to a whole school model in 2017. Students will participate in a sport afternoon and will be able to select a sport either at school or in the community. Students currently in Years 7-9 will take part in focus groups later in the term to determine which sports will be available to choose from.
2. **Parade Your Passion** - Whilst students in Years 8-10 participate in sport next year, Year 7 students will be able to choose a passion project to be part of. This initiative is based on the Big Picture design (www.bigpicture.org.au/). Students will learn a passion project for 13 weeks and then present their learning through an exhibition. Parents and community members will be invited to attend the exhibitions. More information will be made available to Year 7 parents early next year.

Principal's Message

For the past two terms, twenty Year 9 students have been participating in the Youth Frontiers Mentoring Program. Youth Frontiers is an electorate based program that targets Years 8 and 9 students with the capacity to benefit from youth mentoring that focuses on personal leadership and civic engagement.

Young people participating in Youth Frontiers have received a minimum of thirty hours mentoring, including at least fifteen hours of one-on-one mentoring. The program gives mentees an opportunity to build life skills and self-confidence by working collaboratively with their mentors and stakeholders, to undertake a community project that makes a positive difference in their local community. I have been amazed by the quality of projects being undertaken by this group. Students have been working on a variety of projects including a healthy cookbook that will be distributed by Newcastle City Council during Youth Week, a sensory wall for students with autism at Carrington Public School, a memory book for residents at an aged care facility and many more. On Thursday 8 September our students will showcase their learning at South's Leagues from 3:30pm - 4:30pm. Members of the public are invited to attend.

On page 7, of this edition of *The Parkway* you will see information on the **Tell Them From Me** parent survey that we are participating in. If you haven't already done so, please take 5-10 minutes to complete this survey, as the results will help us shape future strategies and initiatives.

Nathan Towney
Principal



Deputy's Report

Time is flying and we have already reached the middle of the term. Next week the school elects our prefects and captains for next year.

It is exciting to see a record number of students nominating for the positions. In their applications, students were required to indicate how they demonstrate our PBL values of respect, responsibility and participation. All 40 nominees are showing their leadership potential by engaging in this process. I am sure many adults would be nervous about addressing an audience of up to 180 people, but our Year 10 candidates must make a presentation to their year group. In addition, Year 11 must also make a presentation to a gathering of all the teachers; quite a nerve wracking thing to do. All nominees are to be congratulated for having the inclination and the skills to participate in this process.

Also looking ahead to 2017, we have begun our "taster lessons" for Year 6 students, who will be joining us next year. This program is designed to allow Year 6 to experience some high school subjects and structures. Students who visited last week enjoyed making slime, cooking pizza and working on an electronics project. SRC students accompanied them during the day and answered the many questions Year 6 asked about our school. It is great to see our next cohort of Year 7 are so keen and interested in coming to Newcastle High School.

Kathryn Outram
Deputy Principal



Key Dates

Term 3		
Week 8		
Week 9	12 - 16 September 12 - 16 September 12 September 13 September	Preliminary Exams Year 10 Work Placement P&C Meeting Parent Teacher Interviews, Years 7 -11
Week 10	19 - 23 September 20 September 21 September 22 September 23 September	Preliminary Exams Year 12 Formal Vaccination Program - third visit Year 12 Graduation Ceremony Last Day of Term
Term 4		
Week1	10 October 13 October	Return to school for staff and students <i>The Parkway No. 7</i> HSC Commences
Week 2	17 October 18 October	P&C Meeting Year 5 Information Evening
Week 3	24 - 28 October	Year 11 Hospitality Work Placement
Week 4		
Week 5	7 - 11 November	Year 10 Hospitality Work Placement
Week 6	14 November 17 November 18 November	P&C Meeting <i>The Parkway No. 8</i> Year 11 Reports issued
Week 7		
Week 8	1 December	<i>The Parkway No. 9</i>
Week 9	5 December	<i>P&C Meeting</i>
Week 10	13 December 15 December 16 December	<i>Presentation Evening</i> <i>HSC Results</i> <i>Last day of school</i>



Science Faculty Report

Science has gone off with a bang in 2016. We have welcomed our new staff, Ms Herron, Mr Nancarrow and Mr Moore to the faculty and we have appreciated their enthusiasm, their fresh ideas and way they have seamlessly become part of our team.

Students have had many opportunities to succeed and enjoy Science lessons this year. Some of the additional opportunities for our students are highlighted below.

Year 5 GATS Day

Year 5 students from local primary schools visited the Science Faculty and participated in some speed measurement experiments. The students measured how fast they could throw various balls in our cricket nets. The students were then able to calculate the average speed of their throws and thoroughly enjoyed the opportunity.



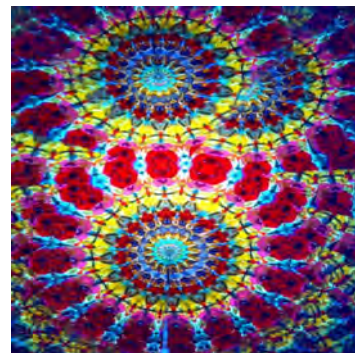
Year 6 Taster Lessons



Year 6 students have visited the school and undertook experiments that demonstrated the fun and variety of opportunities they will see at high school.

Science Faculty Report

Lighting Up the Show



Jack and Shanika were participants in the Kaleidoscope Science Matter and Energy show, held in the Cultural Centre, on Monday, 21 March. All Year 7 students attended and participated in the show, thoroughly enjoying the experience. The show was provided free of charge by Newcastle Boys' High School Old Boys' Association, who is generously supporting and encouraging an interest in Science, Mathematics and Engineering.



Science Faculty Report

Cows Create Careers

Newcastle High school was lucky enough this year to host two Holstein calves from Tocal Agricultural College while participating in the nationwide Cows Create Careers program. They arrived at three weeks old, were named Moolan and Betty, and stayed with us for three weeks during Term 2. Students from 8N Science were the cows' primary carers, feeding them warm milk twice daily, monitoring their health and growth, cleaning their stalls and paddock as well smothering them with tender love and care.

Students also engaged in some learning during the course of the calves' stay, researching the dairy industry and completing projects for submission. On Monday 27 June, the class attended a presentation day at Tocal College for the Hunter Region Cows Create Careers program. It was a great day with hands on activities, competitions and prizes and many students left with a new appreciation of the agricultural and dairy industry.

Newcastle High won the competition, gaining the most points out of the seven schools participating in the region. Some individual teams were recognized for their excellent achievements while Lukas Frangos and Indigo Beiboer created Jarvis - the 'eco-robot' who won some itunes vouchers as well! What a fantastic experience for all involved.

B Herron



Science Faculty Report

Crystal Growing Competition

Year 7 students volunteered to learn about the science of crystal growing. The students prepared solutions, seeded and then patiently grew crystals of potassium aluminium sulphate (potash). The best crystals were large, had regular symmetrical shapes and little or no impurities.

Students enjoyed making and checking their crystals.



Science Faculty Report

Stage 5

Science and Engineering Challenge

Our Year 10 students were placed 3rd in the annual Science and Engineering Challenge held at the University of Newcastle. Well done to Ms Lidden and her challenge team.



Science and Engineering challenge discovery day

On September 7 our Year 10 students will conduct discovery day mentoring for local primary schools at Kahibah. Students use skills gained from the Science and Engineering Challenge and support primary students in their own challenge.

Science Faculty Report

Stage 6

Shortland Wetlands Centre - field Studies for Biology and Senior Science



Museum of Human Disease - HSC Biology excursion



Science Faculty Report

Rubens Tube

Thanks to Mr Skinner for constructing this fantastic Physics tool.



HSC Chemistry TAFE Laboratory trip
Chemical analysis at its best

Chemistry Orica visit
making science real



Science Faculty Report

STEM education

Science Technology Engineering Mathematics education is a key initiative in schools to encourage students to participate, enjoy and ultimately move into STEM fields. Newcastle High School has a long tradition of encouraging STEM education and has been school industry partner of Varley Industries since 2010. The school received ongoing support from the Regional Development Australia's ME program. Opportunities in STEM education in 2016 have included:

iSTEM Class: We have a specialised class that focuses on STEM education in Year 10. This class engages in project and problem based learning using a range of technologies.

Jobquest - Drone piloting: iSTEM students undertook drone pilot training and supported the JobQuest organisation prepare a promotional video. Our students did a fantastic job promoting STEM education at Newcastle High School.



Bottle Rockets – the class has received a high pressure, air powered rocket launcher and have begun designing rockets. The class will be entering a state rocketry competition in 2017



Science Faculty Report

Varley industrial Visit

The iSTEM class participated in an industry visit to our ME Program partner Varley Group. Varley specialise in high tech vehicle design and have projects that include mining, defence and fire protection.



EV Bikes

The iSTEM class entered an EV Bike in competition at Cameron Park. It was Newcastle High School's second entrant in the event. The school came second, with one of the bikes and received a substantial monetary prize for the school.

CO₂ Dragsters

Another iSTEM project, designing building and testing CO₂ dragsters.



Digital Natives Building the Future Today

Newcastle High School students were invited to a Newcastle City Council organised event aimed at visualising Newcastle in the future. The event was held at Newcastle Museum. Students worked in groups and made positive contributions, collaborating with students from the Newcastle region.



Science Faculty Report

iSTEM Report: Hunter Valley Electric Vehicle (EV) Festival

Sunday, 14 August 2016 saw Newcastle High School competing at Cameron Park Kart Raceway in a quest to claim the EVFest Prize. Our five riders: Robert Stanley, Darcy Robson, Sebastian Deegan, Camron Alley and Jordan Koitka performed brilliantly on the day, going up against various schools from the region as well as private enterprise. The team showed great responsibility in both preparing and racing the two bikes while understanding the importance of finding the balance between speed and economy, so crucial in the endurance races.

Our team had two bikes entered, one in the Hub Class and one in the Chain/Open Class. The top prize goes to the bike who completes the most laps in one hour, being only powered by battery. Additional prizes go to the top three fastest lap times. Newcastle High School achieved bronze in both classes. Over all, our Hub Bike placed 2nd, bringing home a trophy and a monetary prize. Unfortunately, we had some technical issues towards the end of the Chain Class Race and had to withdraw from a contestable position.

It was a fantastic day in the sun, with many demonstrations from various electronic vehicles and sponsors of the festival, Robert even took a ride in the newest model Tesla. Students interested in joining the team next year, whether to contribute to rebuilding the bikes and/or racing them, should keep an eye out for announcements.

Ms Herron and Mr Johns



Parent Survey

Tell Them From Me Parent Consultation Survey

This Term, our school will be participating in the Partners in Learning parent survey, another part of the Tell Them From Me suite of surveys (student, teacher and parent surveys) on student engagement. The survey asks parents and carers questions about different factors that are known to impact on student wellbeing and engagement.

Running this survey will help our school understand parents' and carers' perspectives on their child's experience at school. These include: communication between parents/carers and staff, activities and practices at home and parent/carer views on the school's support of learning and behaviour. This valuable feedback will help our school make practical improvements.

The survey is conducted entirely online at home or on public computers. The survey will typically take 15 minutes or less to complete and is completely confidential. The parent survey will be conducted between 22 August and 21 October. Participating in the survey is entirely voluntary, however, your responses are very much appreciated.

The Tell Them From Me URL is: <https://nsw.tellthemfromme.com/nhs1>

If you have any concerns, questions or problems accessing the survey, please reply to this message or send an email to sean.bromfield@det.nsw.edu.au

Thank you for supporting your students and Newcastle High School

Sean Bromfield

Newcastle High School Tell Them From Me coordinator



Support Faculty Report

It has been an exceptionally busy time in the Support classes this year. Four specialist Special Education teachers (Miss Gibson, Mr Main, Ms Ryssenbeek and Ms Harris) and additional support teachers (Mrs Sager, Ms Sherring and Mrs Steedman) teach an incredible group of 38 students within the MC and Junior and Senior IM classes.

Staff within the Support Faculty transition with ease between classes so that we maintain positive relationships with all of our students and so that our students get to experience expertise within a range of learning activities when studying core subjects. Our wonderful SLSOs (Mrs Lucas, Ms Miller, Mrs Blake and Mrs Lewis) seamlessly integrate into mainstream electives with our students to assist with any additional learning tasks.

While students work hard in class, not all of the learning happens within the classroom walls and our students are lucky enough to experience a variety of activities within the community.



Support Faculty Report

Community Access Program

Students in the Support classes are able to participate in the Community Access Program which allows for the transference of skills such as travel training, money handling skills and communication and social skills. Some of the activities our students have undertaken include:

- Fishing - with a few impressive catches
- Shopping, lunch and movies
- Visits to Government Agencies such as Roads and Maritime Services, museums and Newcastle Police Station.

Students will be visiting the Apple Store this term to complete a basic movie making course and will be sailing in Term 4.



Support Faculty Report

Work Experience

Students in Years 10 and 11 are currently learning about the workplace with weekly and fortnightly work experience opportunities. Students are enjoying the benefits of having real-life experiences in a number of placements such as The Junction Public School and Newcastle High School Canteen, Horticulture, Anglican Care, CarLovers, Orix, Lavish Nails and working with Adam at Newcastle High School to complete technological jobs. All students are gaining valuable experience working with customers, meeting deadlines and learning new skills that may help with future employment. A very big thank you to the wonderful people at Response, Junction Public School, Orix, CarLovers, Lavish Nails, Anglican Care Merewether, Newcastle High School Canteen and Adam, Paul Kim (TSP) and Mrs Lewis for taking the time to guide our students through work placement.



Support Faculty Report

Doyalson Mud Run

Support students participated in The Doyalson Mud Run earlier in the year. Everyone had an amazing time and completed the course with gusto. Students ran, climbed and slid through tunnels, across rope bridges and over mountains of mud. The best thing about the day was watching our students help and encourage each other along the way.



Support Faculty Report

IOTAS

Students in Room 4 have immersed themselves in many IOTAS activities this year. Students made a very impressive short film for the Film Festival where Sally won a Best Actress Award. Students also spent the day at Merewether High School dancing up a storm at the disco. I am not sure if the sausage sandwiches or Super Hubert were the biggest hit of the day!

Students will compete in the IOTAS Athletics Carnival at Glendale in two weeks time. We wish all of our athletes the best of luck.

In Term 4, our students will perform at the IOTAS Concert and Graduation at Wests Newcastle and are currently busy rehearsing their musical item.



Support Faculty Report

Support Students

Our students immerse themselves in all facets of school life. They enjoy participating in the lunchtime activities (circus, hip hop, fencing, gaming and the Army Reserve were a big hit!); are involved in a Youth Frontiers project, excursions, representative sport and love extending their learning through music, food, art and sport. There is never a dull moment, and it is exactly the way we like it!



Support Faculty Report

STATE BOCCIA

Congratulations to the Newcastle High School Boccia Team who competed at State Titles, in Sydney, this month. The team, Sophie, Andrew, Garry, Tim, Sam and captain Siobhan, played gallantly and made it through to the semi-finals and then to the play-offs for a bronze. While everyone played with exceptional skill, we were narrowly beaten by a terrific team and finished the day in fourth. Thanks to Miss Gibson, Kaz and Mrs Baker who supported the team on the day.

Khym Harri

Head Teacher Support (Relieving)



Sport Faculty Report

Spartan Under 14's took on Hunter Valley Grammar School, Week 9 of Term 2, at a capacity National Park No. 5 - the spiritual home of Newcastle High School Rugby.

As the crowd swelled, anticipation grew for a spectacle and the home fans were treated to some glorious counter attack rugby. Inspired by their insipid fan ship and the frothing paparazzi, tries from Year 8's Matthew Hedges, Jett Keneally and Aaron Cotterill kept the score line tight. With the final score Hunter Valley Grammar School 30 - Newcastle High School 18.

Men of the Moment: Jack Watkins, Aaron Cotterill and Jett Keneally

Year 7 Wonderkids: Beau Dwyer, Joshua Taylor and Tomas Jackson

Wildman Award: Riley Baker (again!)

Spartan Under 16's crack 7-a-side rugby team ventured to Merewether High School in early Term 2 for the Hunter 7's comp. Featuring some of the hottest (self-proclaimed) groomed hairstyles of Year 10 and 9 cohorts, these guys are so cool 'butter wouldn't melt in their mouths'.

Dominating all before them, our "FELLAS" literally exploded into the final as hot favourites, having already eclipsed their rivals, St Pius High School in pool play. Unfortunately, rugby favours the brave and luck deserted our boys in the Grand Final, narrowly losing 12-7 in an epic tussle.

Men of the Moment: Bryn Higgins-Murray, Jack Johnson-Holmes and Isaac McGrady

Year 9 Legends: Jack Piper and Tarj Lyle

Energiser Bunny Awards: Luke Dwyer and Clarence Playford

Newcastle High School Sparatans 1st XV, lead by Ethan Fray, closed off their season with an inspired performance in the Winter International vs British Team, Wirral Grammar School.

Leading from the opening stanza with tries to Kye Zanardi and Lachlan Milton, the Spartans dominated the contact area leaving the tourists battered and emotionally unstable. The feasting continued as men of the match, William Mansfield put Callum O'Sullivan under the posts with a sublime cross field kick. Year 10 Bryn Higgins-Murray also cashed in with a netball-like peach Jordy Toby.

Highlight of the game: Max Galbraith barnstorming run off a piece of candy from Tre Carson. The final score Spartans 42 defeated Wirral Grammar School 22

J Lyden
Sports Organiser



Student Report

University High Achievers Program

At the beginning of Term Two, myself and four other Year 11 art students, Zora Wild, Charlotte D'arcy, Brooke Forbes and Gemima Pearson-Maytom were given the opportunity to apply for a High Achievers Program run by the University of Newcastle.

After undertaking a series of forms and an intricate interview we were notified of our acceptance into the Introduction to 2D Studies Course. The next 13 weeks of learning was amazing and art-making began. This course not only developed our understanding of the arts but allowed us to be independent in our learning and ideas; values that we can extend to our high school courses. Along the way we made new friends and found out things about ourselves that were once never known to us.

To signify the ending of our course we had our artwork professionally exhibited at Newcastle University's Art Gallery. From this, we are also eligible for a credit transfer for the Arts Department at the University. The results and feedback we received and our 'ART'chemy' exhibition allows us to realise that hard work pays off.

It was a privilege being a part of the course and our gratitude extends to the constant encouragement from family, friends, our teachers and mentors.

Lydnsey Terry (Year 11)



Transport Information

Opal Card - Hunter Valley Buses

Hunter Valley Buses have expressed concerns regarding the current use of student Opal Cards. The correct use of the card allows Opal to collect accurate data, which will determine the level of services provided to our school. Tapping on and off correctly is one of the conditions of using the Student opal Card. Parents are asked to remind their child/children regarding the importance of proper use of the card.



Transport
for NSW

School Excursion Travel Opal Ticketing Update

School group travel on Opal network

From 1 August 2016 all customers travelling inside the Opal network will need a valid Opal card or Opal single trip ticket. This will change how you plan your school excursion travel. Make sure you include ticketing and travel arrangements in your planning.

Opal ticketing options

All students and adults will need a valid Opal card or Opal single trip ticket. For students this will be a Child/Youth Opal card or a Child/Youth Opal single trip ticket which can be bought on the day of travel. Single trip tickets are available at certain train stations and light rail stops. Adults will need to travel with an Adult Opal card or an Adult Opal single trip ticket which can be bought on the day of travel. Adult and Child/Youth Opal single bus tickets are available on non-prepay buses.

Schools will need to decide well in advance how they want to manage this. Options include:

- Students use their own Child/Youth Opal card.
Child/Youth Opal card is used by children/ youth for travel. Please note: parents/ guardians should ensure they have enough credit on the Child/Youth Opal card to cover the travel. School Opal cards are valid for trips to and from a student's school and home. They are not valid for travel on school excursions, or for school excursion travel.
- Schools manage the Child/Youth Opal cards on behalf of their students.
These can be registered by the school with Opal. Registering the cards with Opal will enable the school to manage the credit amount, preserve the balance on any lost cards, and request replacement cards.
- Purchase tickets on day of travel.
Consider this option as a last resort. Schools will need sufficient cash or a credit card, and will need to purchase individual tickets for each person travelling on the day of travel. Please note Opal single trip tickets are only available at certain train stations, wharves and light rail stops. Opal single bus tickets are available on non-prepay buses.

School Opal cards are valid for trips to and from a student's school and home. They are not valid for travel on school excursions, or for school excursion travel.

Payment options

- Cheques are no longer accepted for payment. Schools will need to use a credit card or cash.

More information on school excursion travel

- go to opal.com.au and follow the navigation path below



Home > About Opal > Opal for school students > Opal for school excursions

Spring Holiday School

Pre-HSC Workshops

Year 12 students
4 – 7 Oct 2016

Senior Writing Workshop

Year 10 – 12 students
4 – 7 Oct, 10am – 12.30pm each day


Creative Writing Workshop

Year 9 – 11 students
5 – 6 Oct, 1.30 – 4.30pm

Writing For Future Experts

Year 5 – 8 students
5 – 7 Oct, 10:30am – 12:30pm

Please contact us for more
info about these workshops
or other tutoring sessions.




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NEWCASTLE HIGH SCHOOL

“Remis Velisque”

Parkway Avenue, Hamilton 2303

Telephone: (02) 4969 3177

Facsimile: (02) 4961 2912

e-mail: newcastle-h.school@det.nsw.edu.au

Website: www.newcastle-h.schools.nsw.edu.au

