Ex-Student Louise – Superbug Hunter!

Having graduated from Cumberland High School in 2009, Louise Chow went on to complete a Bachelor of Science and Masters of Research at Macquarie University. Now a PhD candidate, Louise finds herself on the frontline in the fight against the next generation of Superbugs.

Recently featured in the Macquarie University publication *Tackling Global Challenges*, Louise is researching how low levels of antibiotics in our environment encourage antibiotic resistance in common bacteria that could become, or create, the next superbug.

Louise says that she always loved Science at Cumberland High School and remembers with fondness Mr Tang in particular.
Principal’s Voice

There is so much to celebrate and share with you since our last newsletter!

Firstly, congratulations to all Year 9 and Year 7 students on our best-ever NAPLAN results! These results reflect the hard work of both students and staff! It is affirming to see that the explicit literacy strategies embedded in assessment tasks across the school, faculty NAPLAN revision strategies and additional preparation in both Maths and English faculties together with our unique literacy program developed and implemented by Ms Alison Bovill has enabled such growth in our students. Congratulations! It was particularly delightful to note that we were above State average in NAPLAN proficiency in Writing, Numeracy, Spelling and Grammar and Punctuation in Year 7 and Spelling, Grammar and Punctuation and Numeracy in Year 9! Wow! Great results!

Science Week

Congratulations to the Science Team for another brilliant week celebrating all things Science. Our gifted science leaders, with the leadership of Ms Stead were able to showcase their scientific genius as they presented to their peers and International students. The Surfing Scientist also presented his inspiring show to our passionate scientists. It was wonderful, with the assistance of Mr Tan to acknowledge all of our students who achieved Credit and Distinctions in the ICAS and Big Science Competitions and all celebrations ended with Mr Walford’s nitrogen ice-cream deliciousness! Excellent Science team effort!

Year 12 Art, Design and Technology, Industrial Timber and Year 10 History displays

Please pop into our foyer to see some of the outstanding student major works on display! You can see from the photos the exceptional talents of our students! Thank you to our fabulous Ms Bean and Ms Czislowski and Ms Job who have been running additional afternoon sessions and weekend workshops over the last couple of weeks to support our Year 12 students as they complete their major projects. Awesome commitment to our students and school! See images on page 4 of this newsletter.

Congratulations also to Elinor Wicker-Bickerstaff and Gabriella Forlani (Year 10) for their outstanding creative engineering and architectural talents with their historical model. (See image below)

Thank You!

Thank you for your patience while we have been changing finance systems.

Please note that we can now receive all payments including online Pop payments, EFTPOS, cash and cheque.
Book Week

What a fantastic initiative from our talented teacher-librarian, Ms Alexander. Our Year 11 and 12 students were invited to dress up as their favourite literary character and share the joys of reading! It was a fantastic event and we intend to grow this fabulous opportunity to include more students and staff!

Staff Excellence

We are delighted to have our very talented staff acknowledged for their outstanding achievements at the SWS Regional Awards Ceremony next week. The fabulous Ms Stead and our gifted Senior Administrative Manager, Ms Kim Andreassend are both being acknowledged for innovation and outstanding leadership. The wonderful Ms Neale is also being recognised at the Annual Rotary VET awards for excellence in the teaching of Hospitality.

Public Speaking

Congratulations to the fabulous Ms Back and the Cumberland Public Speaking Team for their excellent representation at the Soroptimist Public Speaking Competition that was held on Saturday, 19th August. This competition consisted of more than ten schools (including selective schools). The competition’s main aim was to “educate and enable young children to be the best they can be”. Sai Sriman Tadepalli in Year 8 proudly represented the school, winning 3rd place in the competition. Despite it being his very first experience, he was commended on his excellent research, enthusiasm and confidence. Our school was announced for coming 1st place last year (senior section) and congratulated again for winning 3rd place (junior section) this year.

Ms M. Pikoulas
Principal

Right and Middle: Sai at the team at the Hills District Public Speaking Competition

Below: Some of our Year 11 and 12 Book Week characters
Pictured: Year 12 Visual Arts, Design and Technology and Industrial Timber pieces
The Prefect body at Cumberland High School has, once again, elected to support the Camp Lionheart charity. This organisation aims to help children aged 7-12 years who have suffered brain injury. The major fundraiser for this year will be a Gala Dinner to be held at Castle Hill RSL Club on 13th October 2017. Tickets for the dinner are $150.00 for a great night in support of a great cause. Tax deductible cash donations or goods / services which can be auctioned would be gratefully received. Contact Peter Deane 0421 064 315 or David Evans 0424 728 133. More details are available at www.camplionheart.org.au.

Pictured: Year 12 Visual Arts, Design and Technology and Industrial Timber pieces

Congratulations to our all of our extremely talented students!
Come and see Year 7 + 8 form a large choir!

Our ensembles will be performing: Concert Band, String Ensemble, Rock Bands & Vocal Ensemble. Soloists will be highlighting the individual talents of our students. Art and Photography works will be on display.

**Tuesday 5 September 2017 7PM  Wednesday 6 September 2017 7PM**

Tickets Available from the Front Office & at The Door
Children/Students/Concession $10  Adults $15  
Family (2 adults, 2 children) $40

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**P&C Cumbo Combo!**

Celebrate 10 Years of MAD
And help support the Cumberland High School P&C

Receive a plate of sweet and savoury snacks and a drink for just $5
Student Reports

Estimating the Height of a Tree

How to estimate the height of a tree (or another tall object):

1. Find a stick the length of your arm.

2. Hold your arm out straight with the stick pointing straight up (90-degree angle to your outstretched arm).

3. Walk backwards until you see the tip of the stick line up with the top of the tree.

4. Your feet are now at approximately the same distance from the tree as it is height (provided the ground is relatively level and the tree is much taller than you). If you measure your distance to the tree, this will be the tree’s height.

How does it work?

This uses two similar triangles (one formed between your arm and the stick, and the other formed between the ground and the tree). Because the sides of the triangle formed by your arm and stick are the same length, the distance between you and the tree and the height of the tree will also be equal in length.

Harold Kavapalu, 9 Orange
Can you identify the problems with the following graph found on the internet?

Ethan Har, 7 Red

Year 7 Dominoes Fun!

Year 7 Orange completed converting fractions and decimals to percentages by playing Dominoes. Students were issued with a group of cards and in pairs, they needed to make the conversions and find the pair. The winner was the student with no cards left over.

The class enjoyed this activity, as they were not only completing the work, they were playing a game at the same time. The students were part of the learning process. They needed to make sure the conversions were done correctly, discussed with their partner if incorrect and strategies to try and win the game! *(See photos above)*

Year 7 Orange
Transformations in the Real World

The pictures below show 8G investigating the practical applications of transformation geometry in the real world. They were able to show how movements of translation, reflection and rotation can be applied in the real world. In our next lesson, we will show how these same movements can be applied in technology.

Year 8 Green

Maths On-line Reminder

The Mathematics Faculty would like to remind students and parents that we have the fabulous teaching/learning resource of Maths Online available to ALL students. This can be found at www.mathsonline.com.au.

This is a great way to revise your work and refresh those ideas that were taught in the first semester. Some of the features that this program has are as follows;

- Full lessons for each concept with a voice over and numerous examples of varying difficulty. Every lesson has a pause and rewind facility to help students grasp concepts at their own pace.
- Every lesson has an accompanying printable summary and worksheet to consolidate the concept, with full worked solutions provided also.

- The program can be accessed from any internet ready site, not just at school.
- The entire Year 7 to 12 programs are available to every student, not just their particular year group or course.

ALL STUDENTS have been issued with a username/password. If for any reason you do not have your username/password, see your Mathematics teacher.
Six Mathematicians Keeping Your Town on Track!

Not all mathematicians work in universities. Every day, all around us, people use advanced maths skills to make our lives easier, safer and just all around better. Here are half a dozen everyday mathematicians who keep your community kicking.

Job: Optometrist
Maths behind it: Precise measurements of the eye are used to calculate the types of lenses people need to correct their vision.

Job: Urban Planner
Maths behind it: Urban planners use geometry to determine the best location for shopping malls, homes and schools, and the streets, pipes and power lines that feed into them.

Job: Architect
Maths behind it: From initial design to detailed blueprint and estimating the cost of a build, maths is an architect's best friend. It is also vital for identifying potential structural flaws.

Job: Air Traffic Controller
Maths behind it: Geometry and calculus are used to manage planes at take-off and landing, and to monitor aircraft as they travel the skies.

Job: Hydrologist
Maths behind it: These aqua engineers calculate how much water the buildings need, the pressure it needs to be at and where it can be pumped from.

Job: Market Research Analyst
Maths behind it: Analysts use algorithms to identify shoppers' buying patterns, including how they buy, where they buy and what they buy. That way, shops can stock the right items at the right price.

This is an edited extract from Careers with Maths, a guide to the places that maths can take you.

Enjoy this article?

Visit doublehelix.csiro.au for more.

Students Who Do Well in Mathematics

Adapted from a Presentation by Mia David at an HSC lecture Day

- Read the question carefully
- Answer the question that was asked
- Know key definitions
- Learn formulae thoroughly
- Show all substitutions
- Substitute correctly
- Do preparation fully
- Show calculator readouts accurately
- Use a calculator correctly and check the reasonableness of answers
- Know what an exact value is
- Interpret graphs carefully and sensibly
- Give opportunities to earn marks by doing familiar questions
- Draw large diagrams, using an aid
- Use a pen, except for diagrams
- Don’t use liquid paper - If you make a mistake, cross out the incorrect work with a neat line: (sometimes, crossed-out work can earn marks!)
- Write clearly so the marker can read your work
- Allot their time well
- Use tables (e.g standard integrals) correctly
- Know that the examiner has never seen their work before!
Mathematics Consolidation

Teachers will be available to help you with your homework and study skills.

Thursdays
Mornings from 7:30am
After School till 4pm
Room E15
Public Speaking Competition

On the 10th August, Taylor Barrientos and Nihar Kadkol from Year 8 (pictured right) proudly represented the school at The Lions’ Club Annual Public Speaking Competition. Competing against six other schools, they spoke with confidence and integrity. They shared their most important life lessons, engaging the audience and eliciting self-reflection to “live in the moment” and “prioritise and organise”. We are very proud of their efforts and outstanding performances!

Ms J. Back
Co-ordinating Teacher

Making Timber Boxes in TAS

Year 8 have been making boxes in timber this semester. 8TM 2 and 5 were able to explore the design process through designing and decorating their boxes. Students were able to explore creative design ideas and solutions to problems that they experienced when creating their boxes. The students also got to examine a number of different finishing techniques and use a variety of materials to construct and design their boxes.

Ms T. Bean
TAS Teacher

Bottom Right: Jaineel Devang and Jocelyn Lay from Year 8, Red
Chemistry at Warragamba Dam

On Tuesday the 25th of July, the Year 11 and 12 Chemistry cohorts travelled to Warragamba Dam and Orchard Hills Water Filtration Plant. This excursion allowed students to carry out the mandatory activities related to the study of significance of water on Earth, as well as monitoring water quality, which are prevalent in the syllabus outcomes.

Once the group arrived at Warragamba Dam, a thorough presentation took place, whereby Water NSW’s role of supplying high quality raw water, as well as water quality and catchment issues in Sydney’s water catchments, were outlined. To demonstrate this, the processes of water management and the turbidity of various water samples were noted and analysed. Soon after this, everyone travelled to the dam to witness the colossal 142m tall dam, both above and belowground.

The next destination was Orchard Hills Water Filtration Plant. Students and teachers were greeted by a brief introduction where the main roles of Sydney Water were outlined, before an exciting tour began. This tour allowed for a firsthand learning experience of the water filtration processes unique to the plant. The process involved steps such as raw water, screening, flocculation and fluoridation, all of which contributes to creating clean, clear and safe water for all of Sydney and by extension, New South Wales.

This was an insightful, engaging and educationally enriching experience for all students in attendance. Thanks to our teachers and staff members at Warragamba Dam and Orchard Hills Water Filtration Plant for enabling the excursion to take place. We gained a lot of practical knowledge, skills and thoroughly enjoyed our time.

Aleksandra Najdovska, Susie Jo, Jane Lim, Kimiya Zakerzadeh, Frishta Pirzad, John Bekiaris and Jason Diep - Year 11 Chemistry

Being noticed one month in advance, our Year 11 Chemistry students were all looking forward to this excursion. We were delighted that we would have the honour of visiting a mysterious place where Sydney’s drinking water comes from.

It was a rather cold morning and after travelling for an hour, we finally reached the Warragamba Dam. The scenery was fabulous and it was a good experience to view the dam from the platform. We got fevered although it was even colder there and we began to discuss the structure of the dam.

At 9am sharp, we were invited to the education centre. A friendly expert introduced the dam to us and highlighted the impact of land use on the water quality. Moving to the exhibition area, we were required to make notes on the threats to the water quality. Only then we realized that there were so many potential pollutants affecting the drinking water in the catchment. Therefore, water quality monitoring appears extraordinarily vital. A simple experiment of quality monitoring (measuring the turbidity) was conducted then we had to move on.

The dam was both viewed from the bottom and from the top. Entering the valve house, what frightened us was the depth of the dam. The students with acrophobia were not encouraged to go into the room. After we had our lunch, we went to the next venue - Orchard Hills Water Filtration Plant.

Above: Year 12 Chemistry Students Rohan Pearson-Bourne, Kevin Tran, Arif Usman, Yagnik Patel, Vincent Liang, Jinit Joshi and Adrian Vivekanandan at Warragamba Dam.
According to the staff there, raw water at Warragamba Dam was sent to the Plant to be filtered. This visit was related to the HSC syllabus thus we paid extra attention to the tour. We were not allowed to take our phones out during the tour as they may drop into the tanks. The flow chart of the processes was filled out under the assistance of the staff. What interested us was the great amount of chemicals added into the raw water, including calcium hydroxide for pH regulation, potassium permanganate for manganese removal and chlorine gas for disinfection. Heaps of steps were done to ensure that the water was safe to drink. We really wished to stay at the filtration plant for a little more time to gain more information about the processes.

At 2.30pm, we got on the bus and departed for school.

The tour was meaningful as we had a deep understanding of how the dam and the filtration plant worked. We hope that more excursions like this will be organised and we are much obliged for all teachers that participate in organizing this excursion.

Scott Shao, Jay Fan, Leo Liu, Peter Zhu, Alice Liu, Kate Kang, Yeji Yun and Carrie Song - Year 11 Chemistry International Students
Library News

2017 Library Book Week Challenge – X MARKS THE BOOK

To celebrate Book Week the library is once again hosting an “X marks the Book Challenge” to engage students with the books of the library. Twenty-four large cardboard X’s were hidden inside twenty-four books in the library. The students followed cryptic clues to discover these books. Students who found an X were able to swap the X for a small chocolate prize. On the first day of the challenge, five brilliant clue solvers found five of the twenty-four books. For example, the clue “X was not shipwrecked” was found in a book about two young Titanic survivors. The clue “It’s a bird, it’s a plane no it’s X” was not found in book about the Australian aviator Nancy Bird.

Ms K. Alexander
Teacher Librarian

Above Top: Students searching the library catalogue to seek answers for the Book Week clues

Middle: (L to R) Erin, Mei, Howard and Aryan – X Marks the Book Monday winners

Right: (L to R) Michelle, Anna and Serena – More X Marks the Book Monday winners

Congratulations to our Super Sleuths!
PDHPE and Sport

Sports Presentation Assembly

This highlight of our sporting calendar will be held on Monday 18 September at 9:00am. Letters will be sent home closer to the date inviting parents / carers to the assembly if your child is receiving an award. At this assembly, we will be recognising the sporting achievements of our students throughout the year. In addition, we will also be announcing:

- Junior and Senior Sportsperson of the Year
- Age Champions for Swimming, Cross-Country and Athletics
- 2017 House Captains
- Team of the Year
- Sydney West Representatives

A full report will be in next newsletter.

Yr 11 PDHPE First Aid Course

As part of the Year 11 PDHPE course, students participated in a First Aid Course run by Surf Lifesaving NSW on Friday 11th August 2017. Five teachers also completed the course which extends the valuable professional learning experiences for our school. During the course, participants developed their skills in managing emergency situations and treating casualties in a range of First Aid situations. They also demonstrated how to treat a variety of medical conditions whilst ensuring their own and bystanders’ personal safety. This was an extremely fulfilling and engaging experience for all participants.

Knockout Events - 15s Girls Basketball

After a wonderful victory against The Ponds High School, our fabulous girls made it to the Sydney West Top 8 Gala Day. The day was on Friday, 18th August and they played their hearts out. Well done for making it so far girls! (Picture Below)

![Picture Below]

Winter Grade Sport Draw – Term 3

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<thead>
<tr>
<th>Week</th>
<th>Data</th>
<th>Round</th>
<th>Cumberland vs</th>
<th>Home</th>
<th>Away</th>
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<tr>
<td>7</td>
<td>30/08/17</td>
<td>14</td>
<td>Baulkham Hills</td>
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<td>8</td>
<td>06/09/17</td>
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<td>Spare / Wet Weather Round</td>
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<td>9</td>
<td>13/09/17</td>
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<td>WINTER GRAND FINALS</td>
<td>Summer Grade Trials</td>
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<td>10</td>
<td>20/09/17</td>
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<td>Summer Grade Trials</td>
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Ms O. Nicholls
Rel. Head Teacher PDHPE
Year 10 Work Experience

On 31st July our year 10 students ventured out into the world of work to get a taste of what life could be like outside of school in a career interest area.

We had students working in a variety of industries such as hospitality, education, construction, healthcare, retail, music, office and animal care.

Each student was supervised by one of their teachers, who either visited or called employers to ensure our students were settling in with work experience and to ask for feedback at the end of the week. Employers had an opportunity to fill out an evaluation and students were also surveyed following their work experience week.

Feedback from students, staff and employers was overwhelmingly positive with our students demonstrating our Core Values of Respect, Responsibility and Excellence in their placement.

The trends of the workplace supervisor’s evaluation report showed our year 10 students’ strengths were being polite, taking care of their appearance, being punctual and having a positive attitude.

And with the majority of ratings showing a high score of 5, some areas that our students can improve on (with only slightly lower scores) include seeking out additional work, dealing with demanding situations, conversing with adults and asking clarifying or probing questions.

With that feedback, we can now work with the students to develop those skills to enable future career successes.

Student survey results showed that 86% of students enjoyed their work experience.

1 in 3 students have changed their mind about their future career as a result of work experience.

1 in 5 students changed their subject selection choices as a result of work experience.

Nearly all students received positive feedback from employers.

Almost 1 in 3 students were offered a part time job or future job opportunity as a result of work experience.

What great outcomes!

Year 12 UAC Applications

University Admission Centre (UAC) applications are now open and close on Friday 29 September.

Students should have received a UAC PIN in email already. If students have not received their PIN, they will need to call UAC and quote their NESA student number and confirm their identity to get their PIN on the phone.

We will also be encouraging all local students to apply for early entry to university through the Schools Recommendation Scheme (SRS).

SRS are one way institutions make early offers of undergraduate admission, using criteria other than (or in addition to) the ATAR.
**Careers Cont.**

Participating institutions can use a range of criteria when making SRS offers, including students':

- Year 11 studies
- School's rating of your abilities in areas of study
- School's rating of your aptitudes
- Educational Access Schemes (EAS) application (if applicable)

Each institution has its own policy on determining SRS eligibility and making offers: check the details of individual institution policies.

For more information about UAC applications, please visit their website: [http://www.uac.edu.au/undergraduate/](http://www.uac.edu.au/undergraduate/)

### University Open Days 2017

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<thead>
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<th>Date</th>
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<td>August 2017</td>
<td>University of Notre Dame Open Day Broadway Campus</td>
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<tr>
<td>August 26th 2017</td>
<td>Charles Sturt University Sydney Info Day, Powerhouse Museum Ultimo 10am-3pm</td>
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<td>University of Sydney Open Day 9am-4pm</td>
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<td>University of Technology, Sydney Open Day 9am-4pm</td>
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<tr>
<td>University of Notre Dame Open Day Broadway Campus</td>
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<td>August 27th 2017</td>
<td>Southern Cross University Coffs Harbour Open Day</td>
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<tr>
<td>Western Sydney University Open Day 10am-2pm (Parammatta Campus)</td>
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<tr>
<td>Southern Cross University National Marine Science Centre Coffs Harbour Open Day</td>
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<tr>
<td>September 2017</td>
<td>CQUniversity Sydney Information Session Sydney Campus 5pm-8pm</td>
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<tr>
<td>September 6th 2017</td>
<td>(Wednesday)</td>
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<tr>
<td>December 2017</td>
<td>Southern Cross University Coffs Harbour Info Day</td>
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<td>December 4th 2017</td>
<td>Southern Cross University Lismore Info Day</td>
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<td>December 5th 2017</td>
<td>Southern Cross University Gold Coast Info Day</td>
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<td>December 7th 2017</td>
<td>Southern Cross University Gold Coast Info Day</td>
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### teach.NSW to host Facebook Live event

Teach.NSW will be hosting a Facebook live chat on Tuesday 29 August @ 5pm for those interested in teaching as a career.

We are offering HSC students, their teachers and parents/carers the opportunity to talk to the teach.NSW team and special guests Eddie Woo and Nancy Penfold, about the fantastic opportunities available to them!

Key representatives from the department will be available to answer questions and chat about opportunities offered to students, including how they can get paid to study with our scholarship programs.

Applications for scholarships will close on Friday 15 September and time is running out!

Our Facebook Live event might be the kick-start students need to begin their journey as a teacher in a NSW public school.

To join the event, participants should register on the teach.NSW Facebook event page. Facebook friends can also be invited to the event.

Find out more and register today: [https://www.facebook.com/events/470031210020527/](https://www.facebook.com/events/470031210020527/)

**Ms A. Sisala**

**Careers Co-ordinator**

Find out more and register today: [https://www.facebook.com/events/470031210020527/](https://www.facebook.com/events/470031210020527/)
NAPLAN On-Line Readiness Testing

In 2018, it is anticipated that the annual NAPLAN Assessment, which students in Years 7 and 9 participate in, will no longer be in a pen and paper format. Students will sit the assessment at a desktop computer, laptop or iPad. This year, all students in Years 7 and 9 across NSW will participate in a Readiness Test. This will not be testing student knowledge, but a way to establish if the current technology available to schools and the Department of Education will be able to cope with the extensive number of students accessing the site. Our students will be participating in the Readiness Test in the week beginning Monday 11th September 2017.
Frequently asked questions

Which students will participate in the NAPLAN Online School Readiness Test?
Students in Years 3, 5, 7 and 9 will participate.

How should I prepare my child for the NAPLAN Online School Readiness Test?
Your child will not need any academic preparation for the school readiness test. This is not a test of their literacy and numeracy skills, but an opportunity for them to experience the online test format and for their school to assess its online testing capability.

How long is the school readiness test?
The school readiness test is expected to include two assessments - a writing assessment* and a combined numeracy/literacy assessment. The duration of each assessment will be approximately 40 minutes.

* Year 3 students will only be expected to complete the combined numeracy/literacy assessment.

When will my school participate in the readiness test?
One week within the test period in August and September will be identified for each school to conduct readiness testing.

How will students be prevented from using the Internet or spellcheckers when completing the test?
The NAPLAN Online assessment platform will have state-of-the-art security protections. The assessment is delivered inside a locked-down browser. This ensures students cannot access the Internet or spellcheckers while completing the test.

Will schools and parents be provided with information on the results of the readiness test?
There will be feedback to schools about the technical information gained from the readiness testing. There will be no reporting of student test results from the readiness test.
Cumberland's MUSIC TUITION PROGRAM

DID YOU KNOW?

WE HAVE AN IN-SCHOOL MUSIC TUITION PROGRAM?

- 30 minute lessons are $35 per week
- Instruments can be hired yearly for $130
- We are looking for new Clarinet players!
- Join in our music concerts and band tours

Email Mr. Andrews for further information: martin.andrews1@det.nsw.edu.au
Hi, I am Makenzie. I am 10 years old, and I love my hair. Everyone always tells me how lovely it is and how thick it is. I have decided to cut and donate my hair to Hair with Heart. Variety’s Wigs program, so that it can be used to make a wig for someone who has lost their hair due to a medical condition.

My aim is to raise $6,000 to go with my hair donation. This is because wigs cost families up to $6,000 each, and they only last 1-2 years. This means that families can spend tens of thousands of dollars on the purchase of wigs throughout a child’s youth. By supporting me with my hair donation by making a donation to Variety - the Children’s Charity, you can help lessen the financial burden for these families, by helping to provide a wig or other vital equipment to a child in need.

Help me to reach my goal, so that I can help to make a difference in another child life. No donation is too small, every little bit helps.

To donate, please go to me fundraising page:
https://hairwithheart.everydayhero.com/au/makenzie-hair-with-heart

Thank you for helping me help kids in need.

Makenzie

P.S. All funds raised go towards the support and services, like wigs, that Variety provide to the families and children who rely on them.
The Northern Sydney Youth Orchestra (NSYO) is inviting accomplished young musicians to join its **Symphony Orchestra & Wind Ensemble**. NSYO is a not-for-profit community organisation. Our youth orchestras rehearse weekly at Beecroft on Wednesdays.

In July 2018, NSYO will take a 10 day **European tour to Vienna, Salzburg & Prague** and will be participating in the International Youth Music Festival.

If you play **winds, strings or percussion**, we are auditioning new members to join in Term 4, in time to join our tour.

For details, please feel free to contact us: info@nsyo.org.au

You may fill out our online application form at: [http://www.nsyo.org.au](http://www.nsyo.org.au)
TELopea Connections Presents

TELOPEA COMMUNITY FAIR

BE ACTIVE. JOIN IN. TAKE PART.

Jasmine Blake - Year 2 - Telopea Public School.

TELOPEA PUBLIC SCHOOL
CHESTNUT AVE TELopea

SATURDAY 2ND SEPTEMBER 2017
10AM - 2PM

For any enquiries please contact Keith Reynolds Ph: 96844250

Telopea Connections is a Collaboration between various services, groups and government agencies that serve Telopea/Dunmore/Ermington/ Rydalmere area.