The School App: We have been working on the development of a school App for some time. The thinking behind this is that we would like to have a single App to enable us to let you know that the newsletter is ready for reading, push out reminders to parents and students in real time and provide improved communication in general. Ongoing issues with parents not receiving mail as a result of parents using “hotmail” have not been able to be resolved consistently. While it is still a work-in-progress, we would like parents to start to use the App so that we can “de-bug” things. The App is available for both Apple and Android phones as per all other Apps. Search for Normanhurst Boys High School in the App Store or Android Market.

Once you have installed the App please go to “Preferences” and select the Year Group (eg Year 8) that your son is part of. This way you will only get messages which are aimed at you and your son’s cohort. If you get messages for all the year groups you may get sick of the “pinging” and be tempted to turn off the “push notifications”. If you turn off “push notifications” for the App we will not be able to send you any messages.

Please be patient with us as we roll this out. We will continue to email out newsletters, etc. and run both systems until the end of term 2 when we will begin to rely solely on the App for access to you.

Congratulation to Sanjay Balakumar who is one of 120 Year 11 and 12 students selected to participate in the 21st National Schools Constitutional Convention, being held at The Museum of Australian Democracy at Old Parliament House in Canberra from 16-18 March 2016.

The National Schools Constitutional Convention program provides senior students with an opportunity to become better informed about how Australia’s Constitution provides a democratic framework and encourages them to take an active interest in the operation of government. The topic of the 2016 Convention is ‘Education in a Federation’.

Facilitated by Emeritus Professor John Warhurst AO, Professor of Political Science at the Australian National University, the students will consider a range of arguments relating to the current division of responsibilities, assess whether it is working or if it is time for a change. This will include input from a panel of experts, group discussions on the issues and the opportunity to persuade other delegates of particular approaches. Students will participate in a mock referendum to determine the outcome of their deliberations.
The Convention is funded by the Australian Government Department of Education and Training as part of its ongoing commitment to civics and citizenship education.

In becoming a national delegate, Sanjay was selected from around 4,000 students from government, independent and Catholic schools, most of whom took part in feeder conventions in their home state or territory.

**Reunion: The 5th year class of Normanhurst Boys High School in 1965** will hold a 50th reunion on the afternoon of Sunday April 17. For details, email Ross Luke at nbhs65reunion@gmail.com, call Susan during business hours on (02) 9006 5822, or join the Facebook group Normanhurst Boys High School - Class of 1965.

**LYOTY Victory at Beecroft-Cheltenham:** Well done to Tony Wu, Jash Vanjara and Jack Naylor who presented excellent speeches at the latest Lions event held at NBHS on Monday evening. The winner of the night was Jack Naylor who dominated with impressive impromptu delivery and an enthralled prepared speech. This now means that Jack will face off with Jethro at the next level of the competition. Well done Jack, Jash and Tony.

**What is my son doing in Science?** As mentioned in last week’s newsletter, work is being undertaken to constantly improve communication with our parents and to close the communications gap between the boys and their parents. Please take a moment or two to run your eyes over the topics and tasks being undertaken from Years 7 to 10 in Science. Knowing what your son is doing in class may provide you with some “teaching moments” at home, when you can discuss things that appear on TV or in general conversation and link it to school work. The more students see things as being relevant and connected to other learning, the better they are at retaining information and formulating understanding.

### YEAR 7 Science

<table>
<thead>
<tr>
<th>Term and Assessment</th>
<th>TOPIC</th>
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</table>
| **TERM 1**  
Assessment:  
Practical and data processing skills test  
Astronomy skills test | Being a scientist  
Science is everywhere. Scientists work hard to benefit society and we now enjoy a great quality of life. Technology continues to improve as our scientific knowledge improves. Students will explore the scientific method, they will learn to plan and conduct their own experiments as they work safely in the laboratory. Space is the new frontier for scientists. Students will learn how we orbit in space and the features of our solar system. |
| **TERM 2**  
Assessment  
Problem solving skills via ICAS Science  
Analytical skills via RACI Chemistry Quiz | In the Kitchen  
Earth is a finite reserve of resources: however there is now awareness that unless we are careful these resources will run out. It is our responsibility to conserve the planet for future generations. Is there still the same biodiversity that existed thousands of years ago? Students will learn to classify organisms and describe the ecosystems they live in. Students will complete an energy audit of the school and propose a more sustainable use of its resources. Students will have an incursion on reptiles and observe adaptations of these amazing animals. Co-curricular; RACI crystallography competition |
| **TERM 3**  
Assessment  
A sustainability project: building an energy efficient home | A sustainable future  
Earth is a finite reserve of resources: however there is now awareness that unless we are careful these resources will run out. It is our responsibility to conserve the planet for future generations. Is there still the same biodiversity that existed thousands of years ago? Students will learn to classify organisms and describe the ecosystems they live in. Students will complete an energy audit of the school and propose a more sustainable use of its resources. Students will have an incursion on reptiles and observe adaptations of these amazing animals. Co-curricular; Reptiles incursion |
| **TERM 4**  
Assessment  
Knowledge and Understanding for the year via the Yearly examination. | Sport Science  
Most of the substances we use are mixtures. Sometimes we need to separate these out. Students will learn about the physical properties of matter and how to utilise these to separate mixtures. Scientists are employed to help extract valuable resources from mixtures e.g., metals from ores. One useful separation technique employs magnets. Students will learn how magnets work. As members of society we consume resources and rely on labels to provide information about the composition of our products. Students will interpret and analyse presented information. They will become more informed consumers. |
### YEAR 8 Science

<table>
<thead>
<tr>
<th>Term and Assessment</th>
<th>TOPIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>TERM 1 Assessment</td>
<td>Science Heats Up</td>
</tr>
<tr>
<td>Practical and data processing skills test</td>
<td>Students revisit and build on laboratory skills learnt in Year 7. More emphasis is placed on them designing their own experiments and working collegially in groups. This topic explores the different forms of energy, how it is transformed and what uses we have for the various types of energy. Students will evaluate various fuels and propose ways Australia could better energise itself.</td>
</tr>
<tr>
<td>STEM project: experimental design and conducting an experiment as a group, oral presentation.</td>
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</tr>
<tr>
<td>TERM 2 Assessment</td>
<td>Sport Science 2</td>
</tr>
<tr>
<td>Problem solving skills via ICAS Science</td>
<td>Students learn about cellular structure and function and how cells create tissues and organs which combine to make systems. Students will look at how these systems coordinate to make a functioning human. Case studies will be made of sports nutrition and technology used in biomechanics to enhance human performance.</td>
</tr>
<tr>
<td>Analytical skills via RACI Chemistry Quiz</td>
<td>Co-curricular; paper planes challenge</td>
</tr>
<tr>
<td>TERM 3 Assessment</td>
<td>Alchemy</td>
</tr>
<tr>
<td>Science fiction or fact-using scientific literacy</td>
<td>The earliest chemists were intrigued by the substances around them. They wondered what made up the rocks. What made gold so aesthetically pleasing? Why were the rocks different from each other? Why is there such a range of matter? Students will learn about the smallest units of matter and how atoms combine to make elements and compounds.</td>
</tr>
<tr>
<td>TERM 4 Assessment</td>
<td>In the Kitchen 2</td>
</tr>
<tr>
<td>Knowledge and Understanding for the year via the Yearly examination.</td>
<td>Everyday substances are chemicals and obey the laws of chemistry. They will investigate how these materials are used and how they react together. Students will perform various reactions in the lab safely and look at how some substances are produced industrially. They will predict which materials are likely to continue being used in the future and which will need to be replaced.</td>
</tr>
</tbody>
</table>

In Years 9 and 10, boys rotate each of terms 1-3 with a specialist teacher, then return to their term 1 teacher for the final topic. The Term 1 teacher is the teacher who writes reports and is the main point of contact for parents.

### YEAR 9 Science

<table>
<thead>
<tr>
<th>Term and Assessment</th>
<th>TOPIC</th>
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<tbody>
<tr>
<td>TERM 1 Assessment</td>
<td>Medical Science</td>
</tr>
<tr>
<td>Practical and data processing skills test</td>
<td>Disease presentation: Research and oral presentation</td>
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<tr>
<td></td>
<td>Medicine has advanced greatly due to scientific knowledge. Students will learn how various cultures including Indigenous Australians have treated various illnesses throughout history. They will learn about health and disease and the immune response in detail. They will relate this to public health issues. Students will learn how humans reproduce and study how scientists assist infertile couples. Students will learn how their hormones and nerves control their bodies as they respond to the environment in which they live.</td>
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<td>Co-curricular: National Brain Bee Challenge</td>
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<tr>
<td>TERM 2 Assessment</td>
<td>Beyond Alchemy</td>
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<tr>
<td>Problem solving skills via ICAS Science</td>
<td>Chemistry Knowledge test</td>
</tr>
<tr>
<td>Analytical skills via RACI Chemistry Quiz</td>
<td>Our understanding of the atom has advanced with technological developments. Students will research our changing understanding of the atom and then study the current model. They will learn about subatomic particles and how atoms bond to each other. Students will conduct experiments to observe the properties of various elements and relate these to their position in the periodic table. They will discover the periodic table follows trends and thus they can predict properties of unknown elements. They will relate colour to electrons.</td>
</tr>
<tr>
<td>TERM 3 Assessment</td>
<td>From telegraph to Google glass</td>
</tr>
<tr>
<td>SRP project: experimental design and conducting an experiment as an individual group, oral presentation.</td>
<td>Experimental report on Ohm’s Law(experiment done in class)</td>
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<td></td>
<td>The invention of electricity changed life forever; we would find it hard to live without. Students will learn about various circuits and their components as well as how electricity is generated and transported. As coal runs out we need renewable energy sources and students will research these. With electricity came huge developments in communication, we transmit vast quantities of data at amazing speeds. This utilises invisible waves across the whole Electromagnetic spectrum.</td>
</tr>
<tr>
<td>TERM 4 Assessment</td>
<td>All do: A disaster waiting to happen</td>
</tr>
<tr>
<td>Knowledge and Understanding for the year via the Yearly examination.</td>
<td>Earth is subject to great forces from within and this has resulted in the landforms we now see. Sometimes these forces result in disasters which scientists can now predict and engineers work hard to ensure infrastructure is safe. Organisms on Earth occupy their own unique ecological address and students will learn about the complex relationships found in a variety of ecosystems. Some ecosystems are under threat and students will suggest ways we can protect them.</td>
</tr>
<tr>
<td>Term and Assessment</td>
<td>TOPIC</td>
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<tr>
<td>TERM 1 Assessment</td>
<td>Cracking the Code</td>
</tr>
<tr>
<td>Practical and data processing skills test</td>
<td>Biotechnology mini-lesson</td>
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<td></td>
<td>From the work of Darwin and Mendel students will see how genetics provided the answer to explaining how organisms differ from each other. They will study how life on earth has changed over time and explain the mechanisms of evolution. They will appreciate that it was genetics which provided the final clues in linking ancestors in the evolutionary tree. Students will study pedigrees and make predictions about phenotype and genotype; they will determine patterns of inheritance. Students will use their knowledge of genetics to assess the human genome project and biotechnology applications.</td>
</tr>
<tr>
<td>TERM 2 Assessment</td>
<td>The future of the Blue planet</td>
</tr>
<tr>
<td>Problem solving skills via ICAS</td>
<td>Practical report on Electromagnetic spectrum (experiment done in class)</td>
</tr>
<tr>
<td>Science</td>
<td>What is beyond the solar system? How are stars born? How do they die?</td>
</tr>
<tr>
<td>Analytical skills via RACI Chemistry Quiz</td>
<td>Students will study galaxies and realise our planet is such a small galactic body. From the depths of the universe to our own small planet students will look at how we are impacting on our home and what the future holds if current patterns continue.</td>
</tr>
<tr>
<td>TERM 3 Assessment</td>
<td>The power of the atom</td>
</tr>
<tr>
<td>Assessment</td>
<td>Uses of radioisotopes: research and test done in class-stimulus material provided.</td>
</tr>
<tr>
<td></td>
<td>In previous years students have learnt about atomic structure and particles. In this topic they learn more about chemical reactions. They learn to predict the products formed and write formulae and balance equations. Not all atoms are stable and students will investigate how this happens and what the products are when an atom undergoes decay. Students will research the good and the bad of radioactivity and describe some uses of radioactive isotopes.</td>
</tr>
<tr>
<td>TERM 4 Assessment</td>
<td>All do: Road Safety</td>
</tr>
<tr>
<td>Assessment</td>
<td>As you are just starting to think about independent driving we will study the physics of movement. Students will learn key concepts about speed, acceleration and Newtons laws of Motion. In the lab they will use equipment to collect data and analyse it prove these laws. You will then apply these to the concepts of stopping distance and road safety. A case study will be made of design features that engineers incorporate to make vehicles safer. Students will investigate an airline/public transport incident of their choice and use Newtons laws to explain what went wrong.</td>
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**Grand Finals Week for Summer Sport:** Well done to all of the summer sports teams. This season was the first season with some rather different transport arrangements. Thank you to Mr Edwards and Ms Johnson for all their efforts to make travelling to sport as safe as we can.

As per normal the games were played with Normo zeal and a passion to excel. This season the following teams made the Grand final:

- Cricket 2nd Vs Randwick at Normanhurst Park
- Cricket 14B Vs Epping at Sommerville Oval
- Volleyball 1st Vs Epping at Brick Pit 3
- Volleyball 2nd Vs Homebush at Brick Pit 3
- Volleyball 3rd Vs Epping at Brick Pit
- Tennis 14 Vs Epping at Pennant Hills
- Waterpolo 2nd Vs Epping at Ashfield Pools

The school executive was out in force to support the teams in their pursuit of a win. I managed to spend a little time at the tennis, get to the 14s cricket and see the last 4 RBHS wickets fall and then see the second and winning set at the Volleyball. All of the boys put their best into their games and played in the spirit in which these games are intended to be played. The tennis players put up a strong effort but went down to a very determined opposition. The cricketers ended up with a resounding win with Randwick wickets flying from the ground almost as fast as they could be replaced. The volleyballers broke their tradition of winning the first game and then losing the second, to win in a hard game and end up 2-0 against Epping. They were all more than a little happy to do so.

Win, lose or draw it was great to see the enthusiasm of the boys and staff and the obvious passion there was for the competition. Well done all.
Guided Tours over until Open Day: Each year we are inundated with requests for “school tours” by potential parents. While some selective schools greet this request with a rather resounding “no tours are conducted”, we do try to provide access for prospective parents. Each year we hold two Open Days: one at the end of term 3 and one at the beginning of term 4. In addition to this we hold two days of “small group tours”. We understand that parents want to “get a feel” for a school before making a decision. These tours can be a distraction for our staff and students so we attempt to balance these conflicting needs by limiting outside access to four occasions. Today we conducted the last of the “small group tours” for the year. If you are aware of any prospective parents please let them know that the next opportunity to tour the school will occur during late term 3. It is difficult to communicate information like this as a result of our geographically distributed community. Thanks for your assistance with this. Thank you to Ms Raj and the boys who guided the groups and answered all manner of curly question. There are some very keen parents out there who will move Heaven and Earth to get their boys to Normo- and who could blame them?

► “GRIP” LEADERSHIP CONFERENCE 2016

Jack Naylor, Prefect

On Thursday 18 February, The Prefects, House Captains, Vice Captains, the Social Justice Committee and the senior members of the SRC attended the GRIP Leadership conference held at Sydney Olympic Park. The conference provided all members of the student leadership team at NBHS with an excellent opportunity to improve leadership skills and evaluate and create new strategies for events and initiatives. We attended the conference along with around 20 other schools from Parramatta, Newcastle, the Inner-west and Western Sydney, also providing a valuable opportunity for all groups to discuss, learn and build relationships with a variety of Government and Independent schools from NSW, by comparing our initiatives and successes in order to gain a new perspective on how our leadership body could go about future ideas.

Sessions encompassed a diverse range of topics from public speaking, team building, holding effective meetings and motivation, all proving invaluable to the improvement of our leadership teams and kick-starting the second half of our tenure in an educational way. The Prefects, House Captains, Vice Captains, SRC and Social Justice Committee would like to thank Mrs Raj and Mrs James for organising the event and accompanying us to the Conference and giving us the privilege of such a great experience. We would also like to thank the Grip Leadership Team in partnership with the University of Western Sydney for creating such a beneficial and inspiring event.

► SRC YEAR 7 WELCOME BBQ

Daniel Pivetta, Year 7, SRC Publicity Officer

On Tuesday 23 February the SRC held a barbeque to welcome the new Year 7 students this year. The event aimed to introduce the SRC and the prefects to the new students so that they can also have their opinions heard.

It was a great turnout with the line stretching all the way past the tables. The day was enjoyed by all those involved. Thanks to the prefects and Mrs Raj for helping us set up and cook the sausages and thanks to Mrs Gibson-Garside for buying all the food and drinks.

► CAREERS NEWS

Ms Kay Woodhams, Careers Adviser

**Important Information – Calendar of Events**

Check this calendar for upcoming University Open Days, Parent/Student university nights plus more

*Go to*: [http://www.nbhs Careers.com](http://www.nbhs Careers.com)

We also have additional information including a comprehensive calendar on the MhsCareers website [www.mhsCareers.net](http://www.mhsCareers.net)

User name: nbhs - Password: careers

**SCHOOL CAREERS INFORMATION**

Year 12

Year 12 Information Evening for Students & Parents

Tuesday 1 March 6.15 pm in the hall

This is a very important evening as we are now approaching the business end of the HSC.

The evening will include information on assessment & HSC marks and procedures, time management, coping, the Year 12 careers program plus three successful students from Year 12 (2015) will each share what they did last year to positively impact on their HSC/ATAR and their 2016 outcome. A parent will also be speaking from a parent’s perspective.
Year 12 Community Service Program 2016
This year we have forty boys involved with the Community Service Program at Bowden Brae Aged Care facility. The boys give one hour a week for first semester to assist staff with the residents.
Year 12 is to be congratulated as over sixty boys submitted an ‘expression of interest’. The nursing home only has certain times available during the day. Students were selected on their application, number of study periods, available times and possible tertiary studies. We had a meeting yesterday where the boys received their roster and were given additional information outlining the program. They have also had the roster emailed to them. The Student Placement Record, Bowden Brae information page and permission note are to be returned to school by Tuesday 8 March.

Work, Health & Safety & Orientation
Lunchtime Sessions
Thursday 3 March & Monday 7 March 2016
Bowden Brae has been very accommodating and has accepted an additional fifteen boys this year and we are very appreciative. Thank you to Pranav Jayaraman our 2016 ‘Year 12 Community Service Coordinator’ for his assistance.

Year 12 Toolbox
These sessions will be held on Wednesday after period 3 in in the library. I will be joining Ms Harman and Mrs Cousins with the coordination of this new initiative. Toolbox will commence after period 3 next Wednesday 2 March in the library.
We are hoping to give the boys a variety of tools to assist them this year and to help with their transition from school. There will be information from BOSTES, guest speakers, careers, health & wellness and more. I am hoping to explain a lot of the Careers information in more detail at these sessions and have the opportunity to answer many of the boy’s questions.

Lunchtime Seminars
I will be working on this in coming weeks. The program should be fully running from term 2.

Upcoming Lunchtime Presentation
Years 11 & 12
*James Cook University – Queensland (particularly Medicine, Dentistry & Vet Science)*
Tuesday 8 March in the library
Special Guest Presenter
Karan Singh (NBHS Year 12 2010)

UNIVERSITIES

UNSW: Year 12 Medicine Information Evening
The Information evening provides a general overview of the UNSW Medicine degree as well as details on their application and admission process from current staff & students.
The Faculty will also provide ACER’s tips & tricks on how to prepare for the UMAT exam. You will also have the opportunity to ask questions. BOOKS OUT FAST!
Free parking from 5.30pm in the Gate 11 Botany Street parking station only.
When: Thursday 23 March 2016 6pm – 8pm
Where: Sir John Clancy Auditorium – High Street
Kensington 2052
FOR YEAR 12 ONLY
Email sent with early registration link.

UNSW: Built Environment Parent and Student Information Session – Years 11 & 12
16 March 2016, 6pm to 8:30pm, UNSW Built Environment Ground Floor Gallery
The information evening is aimed at high school students and their families and those who have already completed the HSC, are studying at TAFE, in a gap year, bridging course or already commenced work. Information will be provided on admission options, career pathways and an opportunity to speak to current students.
http://www.be.unsw.edu.au/events/information-night-prospective-students-and-their-families

UNSW: Engineering and Science Parent and Student Information Evening - Years 11 & 12
The evening begins with presentations from the Faculties’ Deans and current students. There will also be a Q & A and one on one time with the academic staff.
When: Wednesday 23 March 2016
Location: UNSW Kensington Campus. John Niland Scientia Building
Parking: gate 14, Barker St, Kensington or gate 11 Botany Street Randwick.

UNSW Galleries
Cnr Oxford St and Greens Road, Paddington, NSW 2021
Located on the UNSW Paddington campus, the recently established UNSW Galleries present an ambitious program of changing exhibitions and projects exploring recent ideas and research in art and design, creativity and culture, science and technology.
https://www.artdesign.unsw.edu.au/unsw-galleries/

University of Melbourne: Interstate Info Day
Mon 11 April, 9am – 4:30pm
This information day is for interstate students and their families who are considering studying at the University of Melbourne.
Contact: Lois Carlton – lcarlton@unimelb.edu.au or 03 8344 8809
http://futurestudents.unimelb.edu.au/explore/events/victoria_and_interstate/victoria/interstate_student_and_family_informat ion_day_2016

Macquarie University – Events Calendar 2016
A more comprehensive email has been sent to the boys. Also, more information can be accessed from the university website or email ask@mq.edu.au

Macquarie in a Day – Years 11 & 12
Thursday 21 April

Global Leadership Entry Program – Year 12
Applications open 9 May – closes 29 August 2016
Information Evening for Students & Parents Wednesday 18 May 2016 – Years 11 & 12
HSC in the Holidays - July & September holidays open to Year 12 students
Open Day – Saturday 20 August
Get more from your ATAR Information Evening Friday 16 December 2016

Macquarie University: Light Years Ahead Exhibition
7 March to 23 May 2016, 10am to 5pm, Macquarie University Art Gallery
The exhibition showcases the different ways artists have used light. Australian artists Ian Milliss, Paula Dawson and Vernon Treweeke are featured as their works experiment with light.

University of Sydney: Dr Karl's Short Back and Science
6 April 2016, 5:45pm to 7pm, York Lecture Theatre, Seymour Centre
Dr Karl Kruszelnicki will explore various science questions throughout the lecture. Some of these include looking at the Galapagos Islands and how radioactive you are.

University of Sydney: The Quantum Future: Powering the Next Technological Revolution
2 March 2016, 5:45pm to 7pm, Messel Lecture Theatre, Sydney Nanoscience Hub


CSU Online: Think Again Competition

Share a moment that inspired you to Think Again about your future or show CSU what your dream career could look like and you could win a $30,000 grant to study with CSU Online. Competition ends 29 February. Find out more and enter at: http://futurestudents.csu.edu.au/think-again/

Scholarship opportunities for future teachers

The NSW Department of Education offers presentations via video conference to groups of students interested in teaching. To register your interest please contact: emma.vandermoezel@det.nsw.edu.au, https://www.teach.nsw.edu.au

University of New England: Open Day

6 May 2016

The open day allows prospective students to see the academic, cultural, sporting and residential aspects of the university. There will be the opportunity to explore degree options, meet lecturers and see entertainment and demonstrations. https://www.une.edu.au/info-for/for-high-schools/open-day-schools

Rural Doctor Shortage

A report from the Productivity Commission highlights that there is still a shortage of doctors in rural areas, while there is an oversupply in major cities. http://news.csu.edu.au/latest-news/charles-sturt-university/rural-doctor-shortage-not-solved-productivity-commission

Country Education Foundation Uni Survival Guide


Quality Indicators for Learning and Teaching (QILT)

This website helps prospective university students make informed choices about their future. QILT provides students with a broad range of information about Australian universities including graduate job prospects and student satisfaction and retention rates. http://myuniversity.gov.au/

OTHER NEWS

TSFX Free HSC Survival Guide

The School for Excellence (TSFX) has put together a 36 page guide to help Year 12 students achieve the best possible marks in end of school exams. The guide has advice about goal setting, managing stress and procrastination, time management skills, effective learning techniques, planning study timetables and more. Download it here: http://www.tsfx.com.au/hsc-survival-guide-edge-teachers

TSFX Half Yearly Exam Revision Lecture Enrolments Open

27 and 28 February 2016
5 and 6 March 2016


TSFX Mastering the Exams

June 2016, University of Sydney

The program is for Year 11 and 12 students with information on skills and strategies that can be used during exam periods. http://www.tsfx.com.au/category/hsc-program/exam-strategy-lectures/

National Institute of Education: Simulated UMAT Day Workshop

19 March 2016, UNSW Kensington Campus
22 May 2016, UNSW Kensington Campus
14 July 2016, UNSW Kensington Campus

The workshops cover every section of the UMAT test and also the styles of questions. Registrations are now open. http://nie.edu.au/simulated-umat-day-workshop

Experts predict jobs of the future


ATO Tax File Number Applications

A tax file number is a unique nine-digit number issued to individuals and organisations to help administer tax and other Australian Government systems. Students need a TFN before they can start any type of paid work or access HECS at university. For information on how to apply visit: https://www.ato.gov.au/Individuals/Tax-file-number/

Free 28 page booklet on Urban and Rural Surveying careers

Receive a free copy of the ‘Urban or Rural Surveying Careers’ guide. These comprehensive booklets are designed to help inspire young people to consider surveying careers and are customised to either urban or rural audiences. For your booklet and other resources, visit http://www.alifewithoutlimits.com.au/free-resources-nsw/

Careers in Maths

Visit the Australian Mathematical Sciences Institute’s website to view a range of career profiles from apprentice chefs to Electricians to Nurses where mathematics is a necessary part of their everyday jobs. http://www.mathscareers.org.au/

All of the information is emailed in good faith and it is the responsibility of the reader to confirm all details with the appropriate institution. Make sure you look at any relevant websites.

Don’t hesitate to contact me if you have any questions.
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<th>Wk</th>
<th>Monday</th>
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<tbody>
<tr>
<td>6</td>
<td>29 Feb Week A Year 11 Preliminary Biology Field Study Year 7 Science Assessment</td>
<td>1 Mar Week A Years 7, 9 &amp; 11 Study Skills Year 9 Science Assessment Year 9 English Assessment</td>
<td>2 Week A Year 11 SDD Excursion UTS – Big Day In TBC</td>
<td>3 Week A Zone Swimming Carnival Year 11 HSC Society and Culture Buddhism Excursion Year 10 Preliminary Geography Fieldwork Year 10 Visual Design Assessment Year 9 Science Assessment Year 9 Geography Assessment Year 7 History Assessment Year 7 English Assessment School Assembly</td>
<td>4 Week A Year 11 HSC Society and Culture Buddhism Excursion Clean Up Australia Day World's Greatest Headshave Year 10 GATe Assessment Year 10 Commerce Assessment Task Year 9 Science Assessment Year 8 Science Assessment Year 7 English Assessment Prefects Mission Australia Winter Sleepout Fri 6pm- Sat 11am</td>
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<td>7</td>
<td>7 Mar Week B Year 9 Northern Explorer Excursion Year 7 Visual Arts Assessment Year 8 Visual Arts Assessment Year 8 English Assessment</td>
<td>8 Week B Year 9 Northern Explorer Excursion Year 12 Music Assessment Year 11 Maths &amp; Maths Ext1 Assessment Year 10 Visual Arts Assessment Year 10 Geography Elective Assessment Year 8 Visual Arts Assessment Year 7 Visual Arts Assessment P&amp;C Meeting, 7.30 p.m.</td>
<td>9 Week B Year 9 Northern Explorer Excursion Year 8 English Assessment</td>
<td>10 Week B Year 9 Northern Explorer Excursion Year 12 Non-Assessment/Excursion Period Selective High Schools Placement Test Years 7 and 8 Immunisation Year 11 Japanese Assessment Year 10 Maths Assessment Year 10 Visual Design Assessment Year 7 Maths Assessment Year Meetings</td>
<td>11 Week B Year 9 Northern Explorer Excursion Year 12 Non-Assessment/Excursion Period Year 7 Peer Support Year 10 Visual Design Assessment</td>
</tr>
<tr>
<td>8</td>
<td>14 Mar Week A Year 12 Non-Assessment/Excursion Period Year 8 History Assessment Year 8 Japanese Assessment</td>
<td>15 Week A Year 12 Non-Assessment/Excursion Period Year 11 Drama Assessment Year 11 Biology Assessment Task Year 10 Music Assessment Year 10 Science Assessment Year 9 Science Assessment Year 8 Geography Assessment Year 8 Japanese Assessment Year 8 French Assessment Year 7 French Assessment</td>
<td>16 Week A Year 12 Non-Assessment/Excursion Period Year 10 PDM Assessment Year 8 French Assessment Year 7 French Assessment</td>
<td>17 Week A Year 12 Half Yearly Assessment Block Regional FIRST Robotics Competition Sydney North Swimming Carnival Year 11 English Ext1 Assessment Year 10 Science Assessment Year 9 Maths Assessment Year 9 Commerce Assessment 7BUK and 7WAR Geography Assessment Task School Assembly SRC Meeting</td>
<td>18 Week A Year 12 Half Yearly Assessment Block Regional FIRST Robotics Competition Earth Day Year 11 English Advanced Assessment Year 11 Modern &amp; Ancient History Assessment Year 10 Science Assessment Year 10 Preliminary Geography Assessment Year 10 History Assessment Year 8 Maths Assessment Year 7 French Assessment Regional FIRST Robotics Competition Sat 18 Mar</td>
</tr>
</tbody>
</table>
**SUMMER SPORTS RESULTS, GRAND FINALS**

*Mr Peter Edwards, Sports Coordinator*

<table>
<thead>
<tr>
<th>Sport</th>
<th>Higher Place</th>
<th>Lower Place</th>
<th>Winner</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cricket – Week 1 (Grand Finals)</strong></td>
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<tr>
<td>1st</td>
<td>Epping</td>
<td>3-Asquith</td>
<td>Epping</td>
<td>201-82</td>
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<tr>
<td>2nd</td>
<td>Normanhurst</td>
<td>2-Randwick</td>
<td>Normanhurst</td>
<td>112-32</td>
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<tr>
<td>15A</td>
<td>Epping</td>
<td>2-Asquith</td>
<td>Epping</td>
<td>142-113</td>
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<tr>
<td>14A</td>
<td>Epping</td>
<td>3-Asquith</td>
<td>Epping</td>
<td>1/78-74</td>
</tr>
<tr>
<td>14B</td>
<td>Epping</td>
<td>2-Normanhurst</td>
<td>Epping</td>
<td>198-21</td>
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<tr>
<td><strong>Basketball</strong></td>
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<tr>
<td>1st</td>
<td>Epping</td>
<td>2-North Sydney</td>
<td>Epping</td>
<td>52-43</td>
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<tr>
<td>2nd</td>
<td>North Sydney</td>
<td>2-Epping</td>
<td>North Sydney</td>
<td>40-20</td>
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<tr>
<td>15</td>
<td>Homebush</td>
<td>4-Asfield</td>
<td>Ashfield</td>
<td>42-36</td>
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<td>14</td>
<td>North Sydney</td>
<td>2-Epping</td>
<td>North Sydney</td>
<td>31-29</td>
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<td><strong>Volleyball</strong></td>
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<td>Epping</td>
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<tr>
<td><strong>Tennis</strong></td>
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<td>North Sydney</td>
<td>4-4 (26-24)</td>
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<td>North Sydney</td>
<td>2-Epping</td>
<td>North Sydney</td>
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<td>14</td>
<td>Epping</td>
<td>2-Normanhurst</td>
<td>Epping</td>
<td>5-1</td>
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<tr>
<td><strong>Baseball</strong></td>
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<tr>
<td>Senior</td>
<td>Epping</td>
<td>2-Homebush</td>
<td>Epping</td>
<td>11-5</td>
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<tr>
<td>Junior</td>
<td>Epping</td>
<td>2-North Sydney</td>
<td>Epping</td>
<td>10-2</td>
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<tr>
<td><strong>Oz Tag</strong></td>
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<td>Joint Premiers</td>
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<td>2-Asquith</td>
<td>Joint Premiers</td>
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<td>Ashfield</td>
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<td>Randwick</td>
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<td>15B</td>
<td>Ashfield</td>
<td>2-Homebush</td>
<td>Ashfield</td>
<td>8-2</td>
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<tr>
<td><strong>Futsal (Indoor Soccer)</strong></td>
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<td>SenA</td>
<td>Epping</td>
<td>4-Asfield</td>
<td>Epping</td>
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<tr>
<td>SenB</td>
<td>Epping</td>
<td>2-Asquith</td>
<td>Asquith</td>
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<td>JunA</td>
<td>Epping</td>
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<td>Joint Premiers</td>
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<td>JunB</td>
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<td><strong>Waterpolo</strong></td>
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<td>Joint Premiers</td>
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<td>Homebush</td>
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<td>Epping</td>
<td>6-5</td>
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</tbody>
</table>
Thank you to all the parents who are giving up their time to help run the Normo canteen for your boys.

Roster for the upcoming week
Monday      29 February:  Danni Lamb, Firoze Shawkat Ali
Tuesday     1  March:    Jessica Liao, Vera Zhao, Martin Tong
Wednesday  2  March:    Kim Yao, Yang Liu, Preety Duggal
Thursday    3  March:    Lan Zhao, Lorettau au, Jenny Ye
Friday      4  March:    Subathini Sriganesvaran, runu Pillai, Inkyyomg Shim

Please Note If you are rostered on and cannot commit, please arrange for someone to cover your day. Please try and let the Managers know to help organise the weekly roster. If you are still having difficulties, please phone the Canteen Managers, Jessey or Keralie on 9489 4122. Thanks.

GARAGE Sale
19/20 March
Beecroft Scout Hall,
The Crescent, Beecroft

A group of friends have been running an annual garage sale for 11 years, last year we raised $9,000 which supported a teacher’s salary in East Timor, built a well at a school in PNG and also supported Room to Read.

Please help by donating good things. We are looking for books, DVDs, CDs, kitchen objects, toys, vases, unused presents, bric-a-brac. (We don’t take clothes or furniture).

Please call
Bindi on 0417 663 547 for pick up/drop off details
Friday 4 - Saturday 5 March
Start time 6:00 pm

Raising awareness for Youth Homelessness

Dinner | Movies | Discussion Games | Breakfast

Permission notes in student emails

Teaching someone to drive can be a happy experience.

You can learn all the simple steps on how to teach a learner driver at a FREE two hour workshop.

The next workshop in your area will be held:

**TIME & DATE:**
6.30pm - 8.00pm
Tuesday 15 March 2016

**VENUE:**
Eucalyptus Room,
Level 1A, 1 Pope Street,
Top Ryde City shopping centre
(above Ryde Library)

**BOOK NOW ON:**
Call Customer Service on 9952 8222

SLEEPOUT
A NBHS Prefect Initiative

Helping learner drivers become safe drivers