

NARRABUNDAH COLLEGE

NEWS



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No.1 Feb 2017



ACT
Government
Education

PRINCIPAL'S NOTE

WELCOME TO 2017

Welcome to those students new to Narrabundah College and to the returning Year 12 students: I hope you have a most successful year.

The teachers' year began with professional learning at the All Colleges' Conference *Innovations in Teaching* held at the UC Campus.

The day commenced with a Panel comprising of: Mark Huxley (Director Information and Knowledge Services Education Directorate), Professor Robert Fitzgerald (UC) and Prof Marnie Hughes-Warrington (ANU) who focused on current approaches to student learning.

- Marnie Hughes-Warrington spoke of **disaggregation** driving big changes in education: students mix and match different styles of learning and what that looks like- online learning e.g. MOOCS, classrooms.
- Mark Huxley spoke of knowledge skills and character as being the strong predictors of student success e.g. resilience and critical thinking.
- Robert Fitzgerald spoke of active NOT passive learning approaches to increase student performance in STEM learning.

At Narrabundah College, we do send out a very clear message that students will not be job seekers but rather will be job creators.

To facilitate this we create and promote an environment where students are challenged in diverse learning environments to achieve their very best while maintaining a balance in their lives.

My advice to our students is: **Invest in yourself, invest in your own skills and you will have the highest return** (Chris Richardson Deloitte Access Economics).

The new year has indeed begun well with the Year 11 students settling into the college routine very quickly and successfully. The year 12s are clearly focused on building on their efforts from last year ensuring they will

attain the best results possible to take them onto their post college pathways.

Students need to make the most of opportunities on offer to achieve the very best outcomes they can at this college. These include:

- English and Maths tutorials during school time
- Study Hub on Mondays and Wednesdays from 4-5.30 where students have the opportunity to complete homework under the supervision of teachers from all subject areas and with student mentors (both current and past students). Also the Study Hub runs targeted programs throughout the year including: study skills, time management, essay writing support, how to reference written work, how to develop a creative response with rationale, lab reports, maths assignments, Psychology reports etc.
- Preparing for and spending plenty of time on assessment tasks
- Seeking advice on courses, packages and careers from their class teachers and Student advisers
- Embracing our Curriculum of Giving and getting involved in a wide range of activities within the college and further afield including; Student Governance Group, Peer Ed, Debating volunteering, sport, outdoor ed etc.

CAREERS OPTIONS

In speaking to students since the beginning of this year many clearly do know what career they want to pursue and are focused on achieving the results to get there; however others are not at all sure what they want to do post college. My advice to all students is to make the most of all opportunities concerning careers while at college and do at least one work experience placement as well as connect with the Student Services' Advisers regularly. Please access our Facebook page on the college Website for more information on Careers.

FACEBOOK

Don't forget that we do have a Facebook page for our community to access. Please go onto the website and click onto the icon to access this page. You will find up-to-date information on events and successes at the college. We look forward to your feedback.

INFORMATION EVENING FOR YEAR 11 STUDENTS

A large number of parents and students attended last Tuesday night's Information Evening for Year 11 students. During the course of the evening we ran small groups where information was presented regarding college terms and expectations, and lots of questions were asked. Please continue to access such events including the next information event, "What do Scores and Grades mean?" on April 26 followed by Parent Teacher Afternoon on April 27 where you will have the opportunity to meet all your son/daughter's teachers.

STUDENT SUPPORT FUNDS

The ACT Government has provided the college with some funds to assist those students and families in financial need to provide for some of their education costs. If a student wishes to access the Student Support Fund please come and see me. It is important that every student feels he/she is able to benefit from the range of curricula and extra-curricular activities by the college.

2016 RESULTS:

I wish to celebrate the outstanding success of our 2016 Cohort:

- our 3 duxes attained 99.9
- 30 students attained an ATAR over 99
- 101 students attained an ATAR over 95
- 166 students attained an ATAR over 90
- 277 students attained an ATAR over 80
- 363 students attained an ATAR over 65
- The top IB score of 40 was equal to an ATAR of 98.3
- The average IB score of 32 was equal to an ATAR of 89.30 (the IB World Median is 29).
- 86.2% of our students attained an ATAR over 65
- 421 of our students attained an ATAR
- Our median ATAR of students who completed the ACT system was:86.5
- 51 students graduated from the ANU Extension Program
- All data above includes French Baccalaureat results

STUDENT SUCCESSES

I would like to take this opportunity to congratulate several of our students for recent achievements:

- Claire Y has been selected as a member of the Australian Physics Team for the Asian Olympiad to be held in Yakutsk, Siberia for the first 3 weeks in term 2.
- Ryu C and Ranit B in year 11 have been selected to take part in the National Maths Olympiad
- Zac N and Sam P have been invited to take part in the Australian Invitational Informatics Olympiad and the French Australian Regional Informatics Olympiad.
- James G was invited to take part in the ANU Summer Logic School mostly attended by university students.

- Deepan K and James G were invited to take part in the National Maths Summer School.
- Claire Y for Physics and Aileen W for Chemistry took part in the ANU Science Summer School.
- Karlee-Louise C-S and Mary T have won CWA scholarships.
- The following students have won Capital Chemist Scholarships for 2017: Claire Y, Esther S and Karlee-Louise C- S.
- Sharon D undertook a very successful WEX placement at Taiyuan Yu Ying high School in Shanxi Province China in December 2016.
- Dongkyun S has been awarded the Choon Pa Korean Language Award
- Eleanor F (representing the ACT) will take part in the 22nd National Schools Constitutional Convention in March.
- **ALUMNI**
Apoorv S graduated in 2013 and took up his prestigious UBs Academy Scholarship to study at UNSW. Last week he returned to give a presentation to students in the Business classes. He will graduate at the end of this year.

NEW STAFF

Finally I would like to welcome the following new staff to the college: Rima Kemp to Languages, Chloe Diggins to English and Politics, Megan Cartwright who has returned to teach English and Drama, Neil Gabbitas and Rokshana Alam to Maths, Kylie Hughes and Stefan Radajewski to Science, Kirsty Hilson and Anda Weir to Humanities and Arts.

We farewell Amelia Ghirardello who has taken up a teaching position in Melbourne.

I look forward to working with you over the course of this year.

Kerrie Grundy
Principal

P&C NEWS

Dear Parents and Carers

Welcome to a new year, a new P&C committee and a new canteen manager! Following our AGM on 14 February, Isabelle Vallin-Thorpe is now our P&C President. I wish Isabelle and all the new committee members all the very best and pay tribute to the hard work and enthusiasm of last year's members.

Nicole Rebut joins us as our new canteen manager. Nicole brings a wealth of cooking, catering and management experience to Narrabundah from her work both in Australia and France. I wish Nicole and our dedicated canteen team, Pauline and Kathy, all the best for the coming year. My thanks to you all for your support of the P&C.

Regards
Susan Rogers, President: P&C (retiring)

INTERNATIONAL BACCALAUREATE NEWS

International Baccalaureate results 2016

Students, parents and teachers attended the IB graduation night on February 8th. Our DUX for 2016 is Jane M. who received an ATAR equivalent of 98.3 and she will be studying Veterinary Science at the University of Sydney. Our students have received early offers to ANU and University of Sydney in line with the early offer International Baccalaureate program and have also been accepted into University of Melbourne and Monash. They will complete a variety of degrees including double degrees of Law/Philosophy, Politics and Economics; Medical Sciences and International Relations. Our students have produced great results and achieved a median of 32 (89.3) in comparison to the world median of 29 (82.3).

YEAR 12 IB

Our Year 12 IB students are working hard on their internal assessment and Extended essays. A study hub afternoon was arranged on Wednesday 15th February for the students with Lynda Chubb volunteering her time with Trevor Rainworth to help the students with their Maths exploration studies. March 7th Moderation day has also been organised for the students to come to school for ongoing help with this assessment.

YEAR 11 IB

A large cohort of Year 11 IB students had an enthusiastic start to the year. All year 11 students attended an IB induction day on 16th February where they were able to meet the rest of their cohort and were introduced to the requirements of the core (TOK and CAS), Group 4 and each IB subject. It is important that all students have attained permission from parents to access Google apps (as all IB information is contained on the IB google classroom website) and Turnitin.

*Chris Ward,
International Baccalaureate & CAS Coordinator*

FRENCH BACCALAURÉAT NEWS

Year 11 – Welcome to our new students of Première

During our first meeting with parents and students, the Proviseur Mr Texier and the Principal Kerrie Grundy welcomed this new cohort in Narrabundah College. They are **27 motivated students**: 24 are taking the scientific stream of the Baccalauréat, while 3 students are taking the literary stream. It is already the second half of the year and they will have to sit for various exams of the Bac. We wish them the best and lots of successes for those different exams.

Information Evenings

Information Evenings have been held for Year 11 and 12. The sessions provided opportunities to meet the teachers and go over the expectations for the year ahead.

There will be specific evenings about career and further education where parents and students will learn more about French universities. Our first guest is Professor Thierry Coulhon, President of Paris Sciences et Lettres University (PSL), on 2nd March at 4:45pm in Telopea Park School library. We look forward to seeing you.

AEFE Special Visitor



Narrabundah College was very fortunate to host a visit by M. Christophe Bouchard, Director of the Agency for French Education Abroad (AEFE), Bruno Valéry, Delegate Director for AEFE Asia Pacific region, Bertrand Pous, Cultural Counselor and Louise Roudil, Education Attachée, Embassy of France. Mr Bouchard visited our school and talked with Year 11 students about their experiences in the French Australian Binational programme.

During this visit, Narrabundah College Principal Kerrie Grundy, Telopea Park School Principal Kerrie Blain and Mr Texier, Proviseur of the Lycée franco-australien de Canberra, signed a partnership that can only but strengthen the already excellent relationship between Telopea Park School and Narrabundah College.



In the calendar

Upcoming exams- Year 11

TPE oral exams will be the 20th March

Upcoming exams- Year 12

English Oral comprehension: 10th March

Field trip- Year 11

The “sortie géologie” will be from Wednesday 29th March to Friday 31st March. Students should receive all the documentation in the next few days.

Noumea trip: all students interested in going to New Caledonia (Noumea) have to pay the first part of the trip at the Front Office and return all the paperwork signed, by the 4th March.

Field trip- Year 12

Sydney trip will be the 30th and 31st of March. Paperwork should be signed and return as soon as possible.

Reminder: *Swimming PE classes for Year 12 have to be paid at the Front Office as soon as possible.*

Jillian Erin-Agot
French Baccalauréat Coordinator

HUMANITIES NEWS

All students have settled well into their classes, are learning new concepts and are getting ready for their first assessments.

Staffing

2017 brings 1 new teacher and one returning teacher to our Humanities staffroom:
Kirsty Hilson is teaching Media and Dance.
Anda Weir is teaching Psychology.

Business, Accounting and Economics

Ex Narrabundah student Apoorv Sehgal came in as a guest speaker to give a talk on his pathway after leaving Narrabundah College. He is currently studying Bachelor of Commerce at UNSW and working as a UBS cadet.

Media

Behavioural Sciences

Behavioural Science students are settling in well to our first session of 2017. We have hit the ground running and first assessment tasks are already out, due back in week 5. This year sees the introduction of a new course for both Psychology and Sociology and exciting opportunities for new units and excursions later in the year.

Legal Studies

Year 11 students are being introduced to the legal system that operates within the Federal and State judicatures. Invited guests (lawyers) and an excursion to the ACT Magistrates and Supreme courts are planned. Defining the law, the principles of jurisdiction, access to justice and the classification of laws are just some of the concepts investigated through a series of planned presentations, interactive team work with two written assessments for grading.

Geography

This session we are studying Land Cover Transformations, with particular emphasis on Anthropogenic Biomes, or Anthromes. Humankind is no longer merely an occupant of the terrestrial biosphere, but a system in itself, interacting with the other terrestrial systems. This is new science and a fascinating topic!

Archana Aggarwal

CONNOR N. – DOWNHILL SKATEBOARDING WORLD CUP RACE

Newton’s Nation was the first of a series of downhill skateboarding world cup races for the International Downhill Federation (IDF). After battling the Esses on Mt Panorama, Bathurst Connor N. took home second

place which ranked him as current second in the world. He has plans to travel to the Philippines to race in the second leg of the world cup events for the IDF.

CONGRATULATIONS CONNOR!!

Stephen Matley
Business and Economics

STUDENT SERVICES NEWS

The new school year has started and students seem to be settling in very well. Each student has an identified adviser, depending on their surname, who will be an essential contact over the two years for checking progress, explaining packages, monitoring attendance, coordinating leadership and community service opportunities, arranging work experience, helping with career and post Year 12 options or just for advice.

Students and/or their parents are welcome to make an appointment with any of our team. Students can see their adviser by just dropping into the area when they have a free line or by making an appointment by writing their name on the timetables on their adviser’s door. Parents can also telephone the relevant adviser for an appointment. Each adviser would like to meet Year 11 students in their section of the alphabet sometime during this first session – just book in on our doors on a free line.

Students are reminded to keep a close check on **absences**. Parents do not need to email into the college on the day their son or daughter is absent.

The section of the *ibook* (on our website) www.narrabundahc.act.edu.au/students explaining absence procedures as follows:

1 ALL absences from class must be explained within ONE WEEK of your return to College. Students needing to miss classes during the day for appointments must provide documentary evidence. Reasons such as studying for another subject are not acceptable.

2 For absences of half a day to three days a note from parent/guardian or doctor’s certificate is required. For four days or longer periods of absence a doctor’s certificate is necessary. On every document, ensure that your full name, year, ID number and date/week of absence/s are given.

3 If you are absent for any assessment item a medical certificate is required.

4 All absences require legitimate reasons which may or may not be approved. Note that if reasons are not deemed legitimate a student may still not be assessed due to BSSS policy of course requirements not met.

5 Collect an **Absence Note from the advisers’ area, fill in all the details, attach any documentation (ie note signed by parent/guardian or doctor’s certificate) and place the form with attached documentation in the absentee box located outside the Advisers’ area.**

6 Always let your teachers know the reasons for absences. Explaining your absences will be important if you are seeking special consideration for assessment.

7 Find out from your teacher what work you may have missed - it is your responsibility to catch up.

8 Students attending excursions should let their teachers know in advance.

NOTE: Absences are checked on a weekly basis. Your parent/guardian will be contacted regarding repeated unexplained absences, or if your attendance falls below 90%, that is more than 3 unexplained absences in Session 1 and 3 and more than 6 unexplained absences in Session 2.

The ACT Board of Senior Secondary Studies has a strict attendance policy and too many unexplained absences will result in voiding a subject (V grade). Parents are asked to provide a note explaining the absence that the student brings on the day of their return to college. They fill out the form outside Student Services, attach the note and place the forms in the attendance box. Absences will not be corrected until this happens.

In cases of extended absences or when major assessments are missed, medical certificates must be provided. Students who are planning to be absent from college for an extended period must seek approval for leave well before their planned absence from the Principal or Deputy Principal. Leave forms can be obtained from Jenny Budd (Deputy Principal).

Could we also please ask all parents/guardians and students to ensure you have supplied up-to-date mobile and email contact details to the college. The school often uses a messaging system to inform parents/guardians of absences in a timely manner. Students can miss vital information because contact details have not been supplied. Please email or deliver any change of contact details to the Front Office email: info@narrabundahc.act.edu.au

All Year 12 students are encouraged to see an adviser during this session for a package check. They should now have completed enough units to have at least minors in most courses and would have been given an estimate of their ATAR at the meetings with parents at the end of Year 11. Also for Year 12 students interested in careers in the health sciences (eg medicine, dentistry, physiotherapy, and optometry) will need to sit the Undergraduate Medicine and Health Sciences Admission Test (**UMAT**) on 26th July this year. Any students interested in these pathways please inform an Adviser for more information and also contact either Glenda Nimmo, Julie Bauer or Delisia Wiild for relevant Work Experience placements.

This week Year 12 students will need to indicate their intention of a T (ATAR) or A package. Students intending a T package will be required to sit AST 5th & 6th September. **If any students are undecided – sign yes at this stage and see an adviser soon.** Many

alternative pathways to university are available for students doing an A package.

We would like to say a big thank you to the Peer Education Team for their work with the Year 11 transition.

NARRABUNDAH COLLEGE STUDY SUPPORT 2017

The following learning and study support services are available for all students:

- Study Hub: Mondays and Wednesdays 4.00 – 5.30pm in the library. Assistance from teachers and some peer tutoring available for all subject areas.

- Maths tutorials -Tuesday lunchtimes – S12

Students are also advised to:

- Consult the class teacher if unsure what an assessment task involves.

- Ask questions if there is any difficulty understanding information - others will be grateful!

- Read and refer often to the English Faculty Handbook. This includes guidelines and checklists for crafting and presenting all forms of the required assessment tasks.

- Use the Student iBook as a 'cross-college' assignment resource. This highlights a range of information from library resources and websites to help with study skills, to essay writing tips and information about written assessment requirements from all faculties including general report writing and science practicals.

- Use the 'drafting' process offered by English/History and Humanities to gain valuable feedback on structure and writing skills.

- Inform the counsellor or student adviser about any personal, physical or learning difficulties – additional support may be available.

LIBRARY OPENING HOURS and STUDENT STUDY HUB

Two afternoons a week the library has extended the opening times until 5.30pm. This may help some students who are collected from the college after hours. Each day borrowing and returning will be available from 8.00am – 4.00pm.

The opening times are:

Monday 8.30am – 5.30pm

Tuesday 8.30am – 4.00pm

Wednesday 8.30am – 5.30pm

Thursday 8.30am – 4.00pm

Friday 8.30am – 4.00pm

For the Monday and Wednesday afternoons (4.00pm – 5.30pm):

- Library can be used (computers and seating) as a study space.

- Tutorial assistance will be available in certain areas each week (a maths teacher will always be available).

*Delisia Wiild
Student Services*

IMPORTANT DATES

Year 12 Formal 2017

The Year 12 Formal will be held at the **Australian Institute of Sport, Bruce** (please note change of venue) on **Friday 24th November**. The venue was changed due to the numerous requests from students to allow for 'arrivals'. Bearing that in mind, students may like to start organising their preferred mode of transport. At this stage we are anticipating a 6.00pm-6.30pm arrival time and an 11.30pm departure time. More details about the Formal will be included closer to the date.

Andrea Trappes
Student Adviser

Student Adviser and Student Surname Alphabet:

Julie Bauer Student Surnames starting A-F	614 23219
julie.bauer@ed.act.edu.au	
Andrea Trappes Student Surnames G-L	614 23215
andrea.trappes@ed.act.edu.au	
Birgit Matwijiw Student Surnames M-Sm	614 23216
birgit.matwijiw@ed.act.edu.au	
Delisia Wiild Student Surnames Sn-Z	614 23220
delisia.wiild@ed.act.edu.au	
Lianne Britten – School Psychologist	614 23217
Lianne.britten@ed.act.edu.au	
Glenda Nimmo Careers/Transition/WEX	614 23218
glenda.nimmo@ed.act.edu.au	
Mary Weddell – Learning Support	614 23226
mary.weddell@ed.act.edu.au	
Jenny Budd – Deputy Principal (Students)	614 23207
jenny.budd@ed.act.edu.au	

CAREERS

The Work Experience Program at the college provides an excellent opportunity for students to experience potential career options. Work experience helps students to develop employability skills and points are allocated for each completed placement. Some successful work experience placements have also led to employment at a later date.

Students who participate in our Work Experience Program gain valuable insights into specific career and employment areas and this knowledge can be most valuable to draw upon during interview processes, for example, during the UMAT interview. Applicants for some tertiary institutions may also be given preference where the applicant has participated in relevant work experience.

In session one work experience is open to year 11 and year 12 students and will take place from **3 – 7 April**. Students will not miss classes during this time.

Remember, this is the last time that year 12 students will have the opportunity to participate in the Work Experience Program and some students may need the points to go towards their Senior Secondary Certificate. Places are filling up quickly so don't leave it too long.

Call into see Glenda in Student Services. Applications are due by **Monday 6 March**

Parents and other members of the Narrabundah College Community

If you can help support our WEX Program by hosting a student for Work Experience, I would love to hear from you. Phone Glenda: 61423200

WHITE CARD AND ASBESTOS AWARENESS

Narrabundah College students are invited to participate in training for White Card and for Asbestos Awareness at Canberra College, 2nd and 9th March. The cost is \$80.00 for White Card and \$70.00 for Asbestos Awareness. See Glenda for information and application forms as soon as possible. Numbers are limited.

STUDENT PATHWAY PLANS

Students are asked to create /update their account in preparation for future career discussions and planning. Log on to <http://pathways.act.edu.au> to start or update your account.

AUSTRALIAN DEFENCE FORCE CAREERS

The ADF Recruiting team regularly host information nights in Canberra See B Block noticeboard for dates and times.

The ADF are also hosting an **International Women's Day Breakfast Forum, Do What You Love**.

Girls in year 11 and 12 are invited to register their interest in this event with Glenda in Careers.

Glenda Nimmo
Transition and Careers

NEWS FROM LANGUAGES

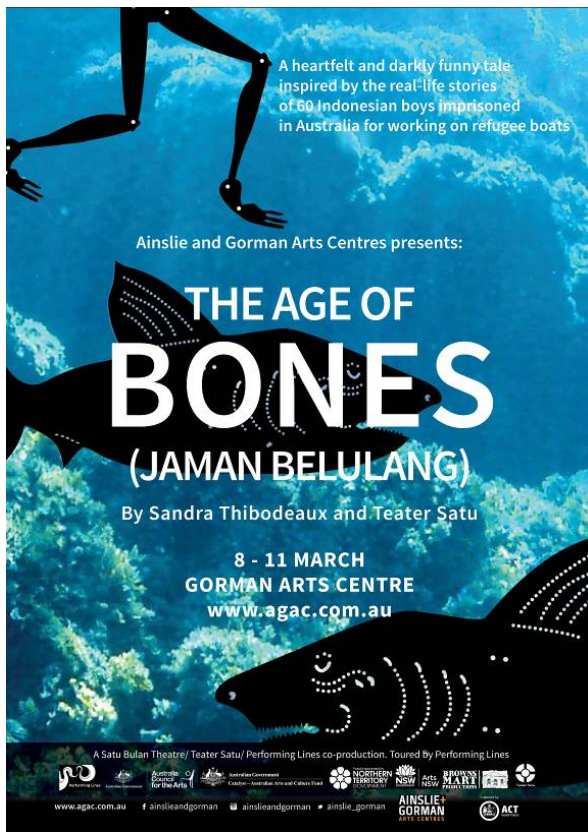
Get your thinking cap on and get involved in OzCLO 2017!

The great **linguistic competition** is back. It is held at ANU on Wednesday **8th March** at 3.30 pm. **Students do not need to speak another language**. It's really about decoding problems using language patterns. It's a lot of fun and it is a team effort (4 students Years 11 and 12 mixed by team).

If you are interested, please go to the following link <http://ozclo.org.au/training-materials/> where you can find the questions and answers from past competitions. So come and see me in the language staffroom where I will enrol you.

Don't hesitate to direct them to me for any further information.

Natalie O'Toole
French/TIS teacher



SPANISH NEWS

As part of the unit Family and fiestas, on Monday 13th February, the Beginning Spanish class had some hands on experience preparing some typical dishes from Uruguay and Spain, including choripan, churros and non-alcoholic sangria. It was an opportunity to taste some typical dishes, and being involved in their preparation. It resulted in a lot of great team work and plenty of fun.

"We cooked various Hispanic dishes and shared them for lunch. Working through the recipe in Spanish and seeing and tasting the food was a great way to engage with our study of food." - Nathan G



Celia Bazalar
Spanish and Business Administration Teacher

KOREAN NEWS

Congratulations to the Dongkyun S. year 12, who has been awarded the CHOON PA KOREAN LANGUAGE AWARD

Korea Trip 2017

Plans are underway with regards to a trip for students to South Korea during September/October school holidays this year. Aims of this excursion are to practise students' Korean Language skills and their cross-cultural understanding of Korean society and develop personal understanding of Korean youth through sister school visiting and homestay with Korean family. Students will visit cities such as Pusan, Kyeongju, Andong and Seoul. Korean students, who visited our school last year, are planning to host our students. For detailed excursion information about the Korea Trip, please contact Hee-Kyoung Lee, Languages Centre.

Hee-Kyoung Lee
Korean teacher

MATHEMATICS NEWS

Welcome back to our year 12 students and welcome to the year 11 students. Over your time at the college, you will meet some challenging ideas and be exposed to new ways of thinking and communicating. We hope that this is the beginning of an exciting journey for you!

I am pleased to introduce a new member of staff, Neil Gabbitas, who joins our faculty after teaching for many years at Dickson College. And we welcome back Terry Gibson and Rokshana Alam who have re-joined the Maths faculty this session.

Good News:

- Zackery N and Sam P recently sat the Australian Invitational Informatics Olympiad paper and Ranit B and Ryu C sat the Australian Maths Olympiad paper. Both of these competitions are highly selective with very few students across Australia chosen to take part, so congratulations to all four year 11 students for being invited to participate in these competitions.
- Year 12 students Deepan K and James G were selected to attend the National Mathematics Summer School which was held in January. Claire Y was also selected but had Olympiad commitments. Only three students from the ACT are invited to attend this school each year so it is a great honour that three Narrabundah students were chosen. Below are James' and Deepan's reflections on the experience:

James: The National Mathematics Summer School is an annual camp held for two weeks in January at ANU. The central focus of the school is have students doing challenging, thought-provoking maths (involving Number Theory, Projective Geometry, and Language Automata). During my time there, I found the system of short lectures and long tutorials initially confronting to my usual study of maths. The practice of the tutors was

hard-line, giving minimal help or guidance even when students wanted closure on knowing whether they had actually solved the problem! But the almost 50 year long history of the school gives testament to the practice, the unguided approach after I got used to the frustration gave me a healthy feeling of being both lost but also enabled me to explore and tinker with whatever came to mind. The strong social program running alongside gave me, and everyone else, the much needed space to chat, share ideas, and relax. I found NMSS to be a tremendously enjoyable and personally challenging mathematical experience, but what really made the program (and makes me recommend the experience) were the people: the diverse and always intriguing lecturers, tutors, staff, and fellow peers, now friends, with whom I could, as the school's motto goes, "think deeply about simple [and at times, not so simple] things".

Deepan: Over a 2 week period during the holidays, James and I attended the NMSS, a residential maths program at the ANU. Each day followed a fairly similar pattern: lectures in the morning, in which we would learn new content, followed by tutorials, where we would utilise this knowledge to solve a variety of interesting and challenging problems. The afternoons and evenings each day were filled with free time, where we socialised with the other students, often playing card games or table tennis, given the blistering weather outside. Meeting the other students, who soon turned into friends, was probably the best part of the 2 weeks. For a few of the days, organised trips were also planned which were an enjoyable break from the maths. On the final night there was a formal dinner and concert, which was very entertaining and a fantastic way to end the camp. Overall, NMSS was a really fun and fascinating experience which I won't forget. It has certainly made me more passionate about maths and I would definitely recommend this program to any other students with any sort of interest in the subject.

- James G also attended the Logic Summer School in December:

James: The Logic Summer School (LSS) is also an annual camp held for two weeks at ANU, in December. The school is aimed generally at research level tertiary level students with mathematical, philosophical, or computer science backgrounds although it is attended also by IT industry professionals, teachers, and the occasional ambitious college student! In sharp contrast to the style of NMSS the school is a series of concurrent lecture courses with no tutorials and no homework; huzzah! The difficulty, especially for me as someone with great passion but little experience, was in the content. The promise as advertised: "[LSS] welcomes anyone who finds the idea of two weeks of wall-to-wall logic enticing", was fulfilled. Needless to say, it was a fantastically wild ride with a small group of intrepid explorer-logicians. Aside from the logic, LSS taught me the fun that can be had in tackling a complex, new, and, in all reason, too advanced a topic along with good company. The school fittingly ended with Godel's Second Incompleteness Theorem, a major complication

(some say death knell) for the traditional quest to ground all of maths in logic, but even that failed to lower spirits.

General Information:

- All students in Maths classes should have received their unit outlines by now. Students should see their teacher if they have not got a copy.
- All classes are well underway in their work with several units already having completed assignment tasks. If year 11 students in particular are unsure of the standard required for assignments, then they should approach their teacher for advice and assistance.
- There is an expectation that students complete homework exercises and general study in order to consolidate their learning. Students should be spending a minimum of 30 minutes on homework for every 1 hour lesson, which equates to 2 hours of homework per week (or 4 hours if they are studying Specialist Options and Core).

Diagnostic Tests and Student Support:

- At the beginning of this session we conducted diagnostic tests for year 11s in Specialist Core 1 and Maths Methods 1. The purpose of these tests is to indicate to students the expected level of knowledge for the course they have chosen to study and to identify any weaknesses in their understanding. All students in Core and Methods have received feedback and have been encouraged to discuss their results with their parent(s) or carer(s).
- Students in Maths Applications 1 and Contemporary Maths have not been given a diagnostic test. Instead students are doing regular revision throughout the session to help them identify their own strengths and weaknesses and to consolidate important maths skills.
- If students in any course are having difficulties in their studies I encourage them to start by approaching their teacher for assistance. Additionally, Maths Help is run Tuesday and Wednesday lunchtimes in S12. Students can attend regularly or just drop in occasionally to get one-on-one assistance. There is also help available on Monday and Wednesday afternoons at Study Hub in the library.

Calculators:

All students studying Specialist Maths and Maths Methods are required to have a non-CAS graphics calculator. These calculators are used extensively in all Specialist Maths and Maths Methods units and students without them will be at a disadvantage in both their skill development and assessment tasks. The calculators can be bought from any supplier, but one recommended model, the TI-nSpire is available for purchase from the front office.

Competitions:

- The Computational and Algorithmic Thinking (CAT) Competition will be held on Tuesday 21 March. This is a competition that is ideal for those mathematics students who enjoy solving puzzles. Students who are interested in entering should see Ellie Filler in the Maths staffroom.
- The AMT Australian Maths Competition will be held on the 27 July. More details will be given closer to the date.

Nicole Burg

GENERAL NOTICE FOR PARENTS/CARERS

Parents are welcome to visit the Narrabundah College front office or call on 61423200 to make enquiries regarding their sons & daughters. Please do not walk around the college looking to make contact with staff.

FIRST AID NOTICE

If your child is unwell please ensure that they bring their own analgesics and Hayfever medication, as the college does not supply them.

NARRABUNDAH COLLEGE:

Reception: 614 23200

Cash Register Opening Times 8.30am – 2pm

2017 Student/Parent Calendar & iBook

can be found on our website,
www.narrabundahc.act.edu.au/our_students

INTERNET BANKING – DIRECT PAYMENT

There is a 'Payment' option on the school website (www.narrabundahc.act.edu.au) – Westpac Quickweb. Go to: **contact us, Payment.** Please identify your payment by including the student's name.



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Email: canberrajac@hotmail.com.au

Important Dates

3 March	Last day withdrawal from units
7 March	Moderation Day (student free)
6 March	Work Experience & Vocational Placement applications close
8 March	Session 2 grid available to students Test timetable published 4.30pm Board Meeting 6.30pm P&C Meeting
13 March	Canberra Day – Public Holiday
14 - 21 March	Music Performance Assessment Week
15 March	Session 2 student unit choices due Autumn Concert
22 March	7.00pm IB information night for 2018 prospective students and parents (Please note re-scheduled time)
23 – 29 March	Test Week – Excursion Free
28 March	March Newsletter posted with PTO info Parent Teacher Online bookings open
30 March – 5 April	Assessment Week – Excursion & Student Free
3 – 7 April	Vocational Placement & Work Experience Week
6 April	Unit scores displayed
10-25 April	School Holidays (includes Easter)



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Contact Kathleen Watson
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or kathleen.watson@thesmithfamily.com.au

Saver Plus is an initiative of Brotherhood of St Laurence and ANZ, delivered in partnership with The Smith Family, Berry Street and The Benevolent Society and other local community agencies. The program is funded by ANZ and the Australian Government Department of Social Services. Go to www.dss.gov.au for more information.

2017 Parent Information Evenings, Parent Teacher afternoons & other evenings

15 March	7.00pm Autumn Concert
22 March	7.00pm IB Information night for 2018 prospective students and parents (Please note re-scheduled time)
28 March	Parent Teacher online bookings open
26 April	6.00pm Information Evening for Parents "What to your scores & grades mean?" (Hawk Theatre)
27 April	4.30 – 7.30pm Parent Teacher Afternoon
11 May	9.00 – 11.30am Open Day for 2018 Prospective students 6.00 – 8.00pm Open Night for 2018 Prospective students and Parents
20 June	6.00pm Information evening for parents "What's the ATAR?" (Music Auditorium E Block)
25 July	4.30 – 7.30pm Parent Teacher Afternoon

Newsletter of Narrabundah College

If undelivered return to



Narrabundah College
KINGSTON ACT 2604

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