GIFTED MATHEMATICS STUDENTS

Contact List

Principal
David Lloyd

Deputy Principals
Michelle Barrett
Helene Hamilton (Rel)

Head Teacher Admin
Kylie Winslade (students)
Joanne Cormack (Rel)
(staff)

Year 7 Adviser
Alice Bright

Year 8 Adviser
Sophie Healey

Year 9 Adviser
Sarah Townsend

Year 10 Adviser
Taara Wilson and Aaron Routh

Year 11 Adviser
Daniel Wait

Year 12 Adviser
Karen Rogers

Careers Adviser
Mel Hope (Rel)

School Counsellors
Robyn Flood
Erin Pilon

Sports Co-ordinators
Anthony Wharton
Tegan Dray

Achievement in a supportive environment
FACULTY NEWS – MATHEMATICS
Problems… Patterns … Pictures… Puzzles… This is how some of our Gifted and Talented Year 9 students started Term 3 in Mathematics!

For many of us the thought of an intensive day of hands-on mathematical problem solving might make us squirm but for William Boyd, James Cashen, Lucy Cooper, Courtney Crowe, Hugh Duffield, Gabrielle Lloyd, Fergus O’Shea and Ariel Ware, it was an opportunity to show off their enormous mathematical talents. The students attended a workshop run by Inquisitive Minds and the Mathematical Association of New South Wales (MANSW) in Bathurst this Monday. They were immersed in mathematical and logical thinking as they applied and utilised foundational and advanced problem solving strategies.

The students participated in interactive lessons on strategic problem solving as they worked together on a diverse range of original hands-on problems. They were able to meet and share ideas with like-minded students from surrounding high schools and they were exhilarated with the challenge of complex and vigorous mathematical competition. Yes, you guessed it! It’s the stuff that gets Mathematics teachers excited!

The day was an excellent opportunity for our students and as we prepare and make plans for the upcoming year, the Orange High School Mathematics faculty is hoping to invite Inquisitive Minds and MANSW to Orange High to run workshops so that more of our talented and motivated mathematicians can experience problem solving at its best.

A big thank you needs to be extended to the organisers of the event, the students that attended and Mrs Merryn Penny for accompanying the students to Bathurst and overcoming her fear of driving a minibus.

In other faculty news, we are pleased to report that the HSC Mathematics Study Days in Parkes attended by the Year 12 Extension 1 and Mathematics classes at the end of Term 2 were well received. Mr. Morris Needleman is a very intelligent and respected mathematician with a distinguished career as an educator. He has headed some of the most successful Mathematics Departments in the state including Kincoppal Rose Bay and Reddam House. The knowledge and resources that he imparts on
these days is comprehensive and we are very grateful for these opportunities of intensive HSC preparation for our mathematics students. Study skills and how to approach the most difficult questions in any mathematics examination paper is Mr. Needleman’s specialty and to have such a talent share his wisdom is an extremely valuable opportunity for our cohort.

As this newsletter is being composed, the OHS Mathematics faculty is preparing for Mr Needleman to visit our school in early September for some further HSC preparation. We will be inviting our surrounding schools to share in this experience and we hope to make this an annual event. More on this in an upcoming newsletter!

Finally, a timely reminder that Investigative Assignments have been handed out to all students in Years 7 to 10. These assignments are designed to give students an opportunity to excel in Mathematics in a non-testing environment. The students will need to use problem solving and investigative skills. Their use of technology has also been encouraged and we hope that it will be a fun and engaging experience. The students, however, will need to adhere to the due dates so that they can maximise their potential marks.

Thank you! Enjoy your mathematics and the term!

Mrs. Jo Beeby – Relieving Mathematics Head Teacher

PRINCIPAL’S REPORT
Over the last week many of our academically talented students have been inspired through three separate endeavours designed to challenge and further stimulate their understanding of high level concepts. Talented senior mathematicians were extended through an Advanced Mathematics workshop led by Morris Needleman in Bathurst, middle years Advanced Mathematicians competed in an ‘Inquisitive Minds’ problem solving exercise pictured on the front cover of this newsletter and students with a possible future interest in an Engineering career participated in a workshop hosted by Wollongong University at Orange High School yesterday. Based on feedback from all three events students enjoyed the academic challenge and were inspired to apply their knowledge and skills learnt in class to concepts beyond the classroom.

Talking of talented students, congratulations to Alice Kjoller and Jodie Clothier for their achievement of 20/20 for a recent Year 11 Advanced English Essay Assessment Task. The strong foundation they and many others studying high level subjects are building is exciting to see and likely to lead to very high achievement throughout the rest of their studies.

Congratulations also to Londiwe Moyo who was this week awarded a certificate from the University of Western Sydney and the Neuroscience Society of Australia for her contributions to the 2014 ‘Brain Bee’ activity. Londiwe reported that she enjoyed the experience and was inspired to pursue a future career in neuroscience. We look forward to supporting her endeavours as she seeks to turn her dreams into reality.

Following the theme of turning dreams into reality, many thanks to the parents and students who braved the cold evening to attend the Year 10 into 11 evening last Monday. The event started at 6pm and there were still conversations occurring between parents, students and teachers more than 2 hours later. There are many supports for senior making their first round of elective choices for Year 11 in 2015 not the least of which are teachers, Year Advisers, Head Teachers and any member of the Leadership team here at OHS. We look forward to working you and your child over the coming months as we plan a smooth transition into the final senior years of schooling.

David Lloyd, Principal

ASSESSMENTS DUE – WEEK 3

| Year 7 | Visual Arts (in class worksheets - Pop Art and Lowbrow) |
| Year 8 | Science (first hand investigation), Vis Arts (in class worksheets) |
| Year 9 | Jewellery (research) |
| Year 10 | Engineering Tech (Research alternative energy), Agriculture (practical skills), Textiles tech (prac and design folio) |
| Year 11 | Maths & Maths Gen (in class test) Metal & Eng (work placement), Music 1 (musicology), PDHPE (planning task), |
| Year 12 | Food Technology (Nutrition – research), Legal St (research in class test), PDHPE (research task) |
Welcome back to Term 3! The end of last term was a busy one. Thank you to our Year Advisers who co-ordinated the end of semester report ceremonies for Year 7, 8, 9 and 10. You will notice that there was an additional page in the report: a Year Overview so far, from the Year Adviser. I hope you enjoyed reading what all the year level has been focusing on, working towards or had the opportunity to participate in. This will be integrated into the actual report for the end of the year. Years 7, 10 and 12 will receive individual comments from the Year Adviser in the end of year report.

PBL Ticket Draw
We have had our first PBL Ticket Draw this term. Winners of the draw received a $10 canteen voucher.

Congratulations to the following students: Eli Todman (12), Erin Cooper (11), James Ariata (8) and Nobu Moyo (8).

Don’t forget to remind your students to place their PBL Tickets (yellow in colour) in the orange box outside the SSTARTS Office. You’ve got to be in it to win it!!

DENTAL CLINIC
Thank you to those parents who have taken the opportunity to access the Mobile Dental Clinic. The Clinic has been at the school for over a week now and will see 450 students while it is here. Students have worked co-operatively to access appointments without wasting learning time. Thank you to the office ladies, in particular Gail Thorley and Jo Cross for their big effort in scheduling appointments for students. We have also had a team of Year 7 students support the program. These students have been collecting clients from all over the school, and they have worked hard to keep the clinic running smoothly. Thank you to all students who have volunteered their time to help.

VACCINATIONS
Thursday is vaccination day for Year 7. They are receiving their chicken pox vaccine. We will also catch up any Year 9 boys who missed the last vaccination. That’s all from me this week. Stay warm.

Kerrie Chopping, Head Teacher Welfare

Orange High School is looking forward to participating in this year’s National Literacy and Numeracy Week activities which will be held from 25th to 31st August.

National Literacy and Numeracy Week is a celebration of literacy and numeracy – core skills that help students succeed at school and later in life. We will be participating in the Read for Australia initiative. Year 7 and 8 classes will explore the story, Sunday Chutney by Aaron Blabey. The book explores many themes such as friendship, self-reliance and the importance of family.

The National Literacy and Numeracy Website has lots of information and ideas so please go and have a look, http://www.literacyandnumeracy.gov.au/ Another fantastic site to visit for parents and families is, http://trevorcairney.blogspot.com.au/search/label/reading

RAS FOUNDATION SCHOLARSHIPS FOR 2015 ACADEMIC YEAR NOW OPEN CALLING FOR APPLICANTS
Since 2011, the RAS Foundation has provided over 180 students with $921,500 worth of financial support to fulfill their educational goals. The helping hand given to these students assists them to achieve their potential, and provide regional and rural NSW with a more vibrant and sustainable future. Rural Scholarships are now open for 2015 – we ask that you please pass on this information to suitable students in your networks who require financial support, love to give back to their community and want to make rural and regional NSW more resilient and dynamic!

CITY OF ORANGE JUNIOR TOUCH FOOTBALL COMPETITION
Sign on Day to be held at Waratahs Sports Club Grounds (North Orange). Wednesday 6th August 4pm - 6pm, $45 per player.

All registrations will be taken via an online registration system. All info and links for this process will be on our website and facebook page from Wednesday 23rd July 2014. Please look at these pages for all information. Payment will still be collected at our sign on day or before you play your first game. For further information call 0403 641 059 or email orangejuniortouch@yahoo.com.au.

Website: http://www.foxsportspulse.com/assoc_page

Tracee Honeyman, Administrators

CAREERCONNECT
Bathurst CareerConnect 2014 - Chartered Accountants Australia and New Zealand extends an invitation to students and parents to attend our annual CareerConnect event on Monday 28 July 2014 at Charles Sturt University, Bathurst.

Why attend is this event? CareerConnect 2014 will give students and parents the opportunity to meet local professional services and accounting firms to discuss a potential career in business. Students can also:

- Network with university students currently studying business;
- Meet local firms offering cadetships and discover the steps to becoming a cadet;
- Hear real life experiences from young professionals; and
- Go in the draw to WIN an iPad mini!

Food and soft drinks provided.

Who is this event for? Targeted at year 11 and year 12 students with an interest in the world of business but also open to keen students from other years.

For more information and to register, go to charteredaccountants.com.au/bathurstconnect

Hi everyone. Welcome back to Term 3.

There is a PRISM Meeting planned for next Wednesday, 30th July, 2014. It will be held at 5.30pm in the OHS Music Centre. Hope to see you there.

If you can’t make the meeting and have any ideas, suggestions, etc, please contact us at ohsprism@gmail.com prior to the meeting.

Regards, Bronwyn Fox
HSC SUBJECT KLA / FACULTIES

CAPA
Dance, Drama, Music, Visual Arts

Early Audition - Audition for Cert IV or Diploma of Dance (Elite Performance)
Thursday 31 July 6pm
At The Space Dance and Arts Centre in Melbourne.
Rachael Vautier, Enrolments Co-ordinator, 03 9529 3949, info@thespace.com.au

Diploma of Dance (Elite Performance) Open Day Audition
Sunday 7 September: Open Day 10am - 3pm. Audition 3pm. Open Day and Audition for Cert IV or Diploma of Dance. Rachael Vautier, Enrolments Co-ordinator, 03 9529 3949, info@thespace.com.au

Academy of Music and Performing Arts Open Day
9 August, 10.30am – 2.00pm, 114 Victoria Road, Rozelle Sydney
http://ampa.edu.au/

Actors College of Theatre and Television Auditions
Advanced Diploma of Acting for Stage and Screen Auditions:
15 August, 12 September, 10 October, 14 November, 12 December
Advanced Diploma of Music Theatre Auditions:
13 August, 10 September, 8 October, 12 November, 10 December
http://www.actt.edu.au/admissions/auditions/

Coco Republic Design School Information Evening - Interior design and styling
12 August, 6.00pm – 7.30pm
24 O'Riordan Street, Alexandria
Contact: designschool@cocorepublic.com.au

CATC Design School Career Discovery Workshop
16 August, 11.00am – 2.00pm
1-5 Hickson Road, The Rocks
Graphic Design, Interior Design and Photography hands-on career workshops.

Shillington College Information Session - Graphic Design Courses
8 August, 6.00pm
Level 3, 50 Margaret Street, Sydney

Sunshine Short Film Festival 2014
Closes 31 September
Enter a short 5 minute film on Sunshine and Halloween.

Raffles Photography Competition
Closes 16 September.
Enteries - one photo per person per term on any theme.

16 JULY JOBJUMP CAREERS NEWS KLA BULLETIN

Contact: photocomp@raffles.edu.au
http://www.raffles.edu.au/photography-home/competition

Tractor Open Day - Graphic Design
23 August, 10.00am – 2.00pm
http://www.tractor.edu.au

Sydney Design School Information Sessions
17 July, 1.00pm
Level 2, 40 Oxley Street, St Leonards

Academy of Interactive Entertainment Open Day
17 August, 10.00am – 3.00pm
Sydney and Canberra campuses
Course info on game development, 3D animation and visual effects. http://www.aie.edu.au/announcements/open-day-sunday-17th-august-2014

Qantm Open Days
Sydney: 23 August, 11.00am – 3.00pm 1-17 York Street, Sydney
Byron Bay: 23 August, 11.00am – 3.00pm, 373-391 Ewingsdale Road, Byron Bay

Raffles College of Design and Commerce Open Day
6 September 12.00 noon
99 Mount Street, North Sydney
http://www.raffles.edu.au/openday

PDHPE
Community and Family Studies, P.D.H.P.E.

PGA IGI Diploma of Golf Management: The PGA International Golf Institute (PGA IGI)’s Diploma of Golf Management is now offered at the PGA IGI Sydney campus at ICMS, the only PGA IGI campus in New South Wales. One year diploma. Graduates may gain up to 8 subject exemptions towards an ICMS Bachelor of Business Management degree. The next intake is September 2014. For more information, visit http://www.icms.edu.au/golf/ or email golf@icms.edu.au

SCIENCE
Senior Science, Biology, Chemistry, Earth and Environmental Science, Physics

Bond University Medicine Information Evening
22 September,
Swissotel Sydney, 68 Market Street
Application procedure for May 2015 medicine intake.

Information Technology and Engineering Information Session
30 July, 4.00pm – 5.30pm
Building: 25, Room: INSPIRE Centre
UC’s IT and Engineering programs.
http://www.canberra.edu.au/events/view/5843

Ultimo Science Festival High School Program.
Register by 1 August
This year for the Ultimo Science Festival, UTS Faculties of Science, Engineering and IT, and Health invite your school to
come on campus and take part in a wide range of workshops and a careers. Runs 9 and 12 September
Cost: Free RSVP: Registrations are essential.

The Great Australian Science Byte Competition
18 August to 21 September
Year 10 students as individuals or class groups, explore and investigate real scientific data.
Contact: +61 02 9351 5064 or science.byte@sydney.edu.au
http://science-byte.org/

Australian Engineering Week 2014
4 – 10 August
A range of events, tours, activities, workshops showcasing the engineering industry.

UNSW Women in Engineering Camp
Opens on 5 August
The camp will run 12-16 January 2015. For girls in year 11 or 12 in 2015 and who excel in science and maths. School visits, talks, materials and activities relating to women in engineering can be provided.
http://www.engineering.unsw.edu.au/wiec/ or contact Alex Bannigan on (02) 9385 7458 or mailto:a.bannigan@unsw.edu.au/

HSIE
Aboriginal Studies, Ancient History, Business Studies, Economics, Geography, Legal Studies, Modern History, Society and Culture, Studies of Religion

APM College of Business and Communication Open Day and Day in the Life Workshop
Open Day
16 August, 10.00am – 2.00pm
Speak to staff and get information about the courses available.
A Day in the Life Workshop
25 September, 10.00am – 4.00pm
Real-life case studies with Public Relations and Marketing.
Northpoint, Level 9, 171 Pacific Highway, North Sydney
Contact: enquiries@apm.edu.au or 1300 851 237
http://www.apm.edu.au/about-apm/upcoming-events

Conservation Volunteers
Involve yourself in environment volunteering projects.

Raffles College of Design and Commerce Open Day
6 September 12.00 noon
99 Mount Street, North Sydney
http://www.raffles.edu.au/openday

TAS

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Online provider TAFE
For gifted and talented school students who want to take their computer skills a step further, ready for university. Certificate III in Information, Digital Media and Technology and establish your specialty stream in either networking, ICT support, applications, multimedia or web design and development. Also Certificate IV in Information Technology.
Full details at http://www.tafenow.com.au/it-courses/ or phone 1300 8233 669

William Blue Open Day - Hospitality Management
16 August, 10.00am – 2.00pm
Level 9 171 Pacific Highway, North Sydney
Contact: 1300 851 237 or enquiries@williamblue.edu.au
http://www.williamblue.edu.au/about-william-blue/upcoming-events/william-blue-open-day

RuralBiz Online Learning
Courses in agriculture and agribusiness, online. Work while studying.

Conservation Volunteers
Involve yourself in environment volunteering projects.

Raffles College of Design and Commerce Open Day
6 September 12.00 noon
99 Mount Street, North Sydney
http://www.raffles.edu.au/openday

VET COURSES
Apprenticeship and Traineeship Expo Hornsby
13 August, 4.00pm – 7.00pm
Hornsby War Memorial, 2 High Street, Hornsby
Meet training organisations and employers, job applications, interview tips.
Contact: Rachelle Elphick on 0439 041 020

School Based Apprenticeship and Traineeship Information Night Lake Macquarie
29 July
Club Macquarie - 458 Lake Road, Argenton
Session 1: 6.00pm – 7.30pm
Session 2: 7.00pm – 8.30pm
Do part-time apprenticeship work while completing HSC.
The Aboriginal Employment Strategy (AES) is 100% Indigenous managed, national, not-for-profit Recruitment Company. It allows Indigenous high school students opportunities to complete a traineeship/apprenticeship whilst attaining their HSC. Now recruiting. Visit http://www.aes.org.au/

Ryde Apprenticeship and Traineeship Expo 2014
29 July, 3.30pm – 7.30pm
Ryde Civic Hall, 1 Devlin Street, Ryde

VET Automotive
Mentor Automotive Adviser Apprenticeship Program
Website
Various auto pathways for apprenticeships and vacancies available.

VET Entertainment Industry
Sunshine Short Film Festival 2014
Closes 31 September

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VET Financial Services
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VET Hospitality
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http://www.williamblue.edu.au/about-william-blue/upcoming-events/william-blue-open-day

VET Information and Digital Technology
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VET Metals and Engineering
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VET Primary Industries
RuralBiz Online Learning
Courses in agriculture and agribusiness, online. Work while studying.

Conservation Volunteers
Involve yourself in environment volunteering projects.

VET Retail Services
Real Estate Institute of New South Wales (REINSW)
Complete the Certificate of Registration Course – Getting Started Essentials. Gain knowledge and skills to list, sell, rent, manage property.

OTHER FIELDS
MiningCareers.com
The many jobs in the industry, education pathways, potential salaries and jobs in demand.
http://www.miningcareers.com/

ADFA Education Award
Current year 11 students. Award presented to year 12 students displaying leadership potential, and academic and sporting achievements during year 11.

Camp Counsellors USA 2015: Application Launch and Information Sessions
Sydney: 4 August, 6.30pm – 7.30pm, 99 York Street, Sydney
Canberra: 12 August, 6.30pm – 7.30pm, Eastlake Football Club, MacDonald Room, 3 Oxley Str, Griffith
Any questions call 1300 859 040 or email Australia@ccusa.com.au
https://www.facebook.com/ccusa.australia/events

Cultural Care Au Pair Information Meetings
Newcastle: 19 July
10.00am, Laman Street
Travel to America. Live and work with host family looking after the children.

Ella Baché College of Skin and Beauty Therapy Open Days
26 July and 30 August, 10.30am – 1.00pm
Level 2/77 Berry Street, North Sydney
http://www.ellabachecollege.edu.au/study-on-campus/attend-a-college-open-day/