FOCUS ON Science

Year 7’s Science Excursion to the Bathurst Waste Water Treatment Plant

7SY and 7SM both travelled by bus to the Bathurst Waste Water Treatment Plant on 20th March. This excursion gave students the opportunity to see how separating techniques are used to clean Bathurst’s wastes allowing clean water to enter the Macquarie River. Students had already learned about these techniques in Science when completing the topic “Mixtures and Separations”. All students really enjoyed the excursion and the opportunity to see exactly how water is cleaned, even though the smell was not very pleasant.

iExplore

Year 6 students from Bathurst Public, Bathurst West, Eglinton Public and other surrounding Primary Schools participated in iexplore to engage in fun science experiments and activities during Term 1. Students were involved in learning about laboratory safety and how to use scientific equipment. Some of the activities included constructing density columns, crushing cans using air pressure, chromatography and making tea-bag rockets.

Many of the students made use of the opportunity to use their mobile phones to take a picture of their results so that they could share what they had done with their family and friends. All were enthusiastic and enjoyed discussing the scientific principles involved in each experiment. The feedback from students was really positive with many of them looking forward to attending Bathurst High Campus next year.
On the 6th of May, Year 9 Science students travelled to Lucas Heights to visit the only nuclear reactor in Australia at ANSTO. After an early start and a long bus ride we arrived at ANSTO going straight into the learning centre and started our day. We learnt all about nuclear power and what it is used for, especially focusing on the use of it in medicine today.

After completing the learning tasks our teachers, Mr Hogan and Ms Cebokli, chose three students to participate in science experiments. Two students performed the elephant's toothpaste experiment while the third did the Coke and Mentos experiment. Our group loved these experiments and found them very interesting to watch.

Next, our guides took us on a tour of all around ANSTO. Our bus went through security and even though it was not scary it was certainly eye opening into how serious this place was. Our guides showed us new facilities being built to enable ANSTO to produce more radioactive isotopes in order to meet the demanding supply of nuclear medicine, in hospitals across Australia and across the world. A camera gave our group a look into the actual nuclear reactor because we were not allowed inside. We saw particle accelerators and played with hands on stuff about electricity.

After lunch we headed back off on the long bus ride home. Overall, the day at ANSTO was full of fun and very interesting and showed us all the possibilities and career paths in science for the future in nuclear medicine.

-Niamh McAdam and Sienna Cosgrove
**Science Continued……..**

**Natural Disasters**
As part of studying Natural Disasters, Year 9 students constructed volcanoes that were designed to erupt in a number of different ways. The students demonstrated creativity and planning in their designs including some impressive exhibitions of smoke, sparks and flames.
Staff Changes

It is with sadness that we say goodbye to Mr Ferguson at the end of the term. He has been given a great opportunity at Eden Marine Technology High School and will be starting there on the first day of Term 3. Mr Ferguson has been an outstanding Visual Arts teacher at Bathurst High and the Year 7 Advisor for 2015. I wish him all the best and thank him for his service to Bathurst High. Mrs Scott has announced how we will fill the gap in her section of the newsletter.

Representing the School

I have had numerous emails from different parts of the Bathurst and wider community about the outstanding way that our students represent the school. Whether it be students who are involved in excursions, representative and school sporting teams, music, our school leaders, public speakers and a myriad of other events, I am often sent emails and letters from members of the public congratulating the school on our students’ behaviour and level of skill in their chosen activity.

A constant message that we all must give to the students is about the impact they can have, as an individual on community perceptions and the way that perception can translate into opportunities for students while they are at school and when they are moving to life after school. It is very pleasing that on nearly all occasions, our students are positive representatives of the school.

Bring Your Own Device Update

The use of the Google environment is spreading to many classrooms. More and more teachers are making use of the online environment for learning. I am now confident to say to parents that students who bring a device will be using it extensively in class for learning. I remind everyone that the specifications for devices that are suitable at Bathurst High are on our website. Many students already have devices. In order to make up ground for those who can’t bring their own device, Bathurst High continues to invest in technology. We are placing pods of laptops around the school but we cannot supply anything like the numbers needed for every student to get a one to one laptop. The Bring Your Own Device solution is the only way that a student can be guaranteed access to a device every time they need it. Our cheapest solutions to the Bring Your Own Device are now down to $250 in the shops in Bathurst.

Creative and Performing Arts Showcase 16th June

I am really looking forward to this event, which will be our first time using the new Performing Arts Theatre (PAT). It is a showcase of classwork that students have been doing in Creative Arts classes over the first half of the year. Next semester, the Creative Arts faculty are looking forward to a night of highlighting the work of our bands, ensembles and specialist groups. I hope that parents of students who are involved will pencil the 16th June at 6:15 pm into their calendar. We are asking for a gold coin donation as entry. Any funds raised help Creative Arts to maintain and enhance the facility.

School Strategic Plan 2015—2017

Just to reminder to parents that the plan is on the school website and any questions or comments can be directed through to me.
A Message from the Deputy Principal Senior School

Bathurst High has been lucky to be given the opportunity to be chosen as part of the Future Moves yourtutor pilot program.

Yourtutor is a national online tutoring service that gives students access to qualified tutors for individual help with homework, assignments, exam preparations and study questions. This service is available at no cost thanks to a partnership between Future Moves (Charles Sturt University) and Tutoring Australia.

Future Moves will be trialing the yourtutor service throughout 2015 with 9 Future Moves partner schools. This trial will be evaluated throughout, with the aim to expand the program to other partnered schools in the future.

Students can receive help on all core subjects from Years 3 to Year 12, the most popular subjects include:
- Mathematics of all levels including extension
- English including Creative Writing, Grammar, Essay Writing and more
- Science including General Science, Earth Sciences, Biology, Chemistry and Physics

Assignment help and study skills

Tutors are available from 3pm to 10pm each day of the week except Saturday. A little help for your child is only a click away. The online tutors are all teachers or university experts, thoroughly screened and trained.

The students are not given the answers but are taught to think for themselves.

All students will be given the opportunity to login and gain access to this free support. Students will all login initially at school and can then access the yourtutor at home. Students can share their login with other family members so if students have younger siblings they too can use the support. Parents can access information about the program by going to www.csu.edu.au/futuremoves/yourtutor

Congratulations go to many of our students who are representing at Regional Level. Cindy McGrath, Year 12 is representing the Region in Lawn Bowls and representing at the State Championships. McCoy White is representing in Rugby League and Jaidyn Hunt, Justin Mellor, Isaac Darlington and Kyle Reardon in Hockey.

Felix Quinn has been selected in the NSW CHS under 16 Rugby Union team. I am certain I have missed other students who are achieving at this level. I will mention all those who come and tell me their great news.

Emily Smith, a Year 12 student studies Electrotechnology at TAFE and combines work with school. She works 2 ½ days a fortnight while still completing Year 12 at school. Her school based traineeship counts for 2 units towards her Higher School Certificate. At the end of Year 12 Emily will have almost completed her first year apprenticeship. She should be congratulated for being able to succeed in both aspects of her studies.

I will be on leave for the remainder of the term. Alexa Barr will be relieving in my position. She will continue to relieve until the 1st September as I relieve as Principal.

Good luck to all in our Astley Cup adventure!!

Jenny Stirling
Deputy Principal
Senior School

Denison College of Secondary Education—Bathurst High Campus—www.bathurst-h.schools.nsw.edu.au
Important Dates for Year 12

Important dates for students applying through UAC appear below.

Universities Admission Centre (UAC)
Applications open Early August
Applications close 30th September (on-time)

Bathurst High
Trial HSC dates: Monday 10th – Friday 21st August 2015

Student and Parent Information Evenings:

Tuesday 25th August 2015 – Period 4 (Students)
Early Entry writing seminar
Bathurst High Performing Arts Theatre

Tuesday 25th August 2015 @6pm
Bathurst High Performing Arts Theatre (Old Hall)
Topics include: Overview of UAC and the process of applying for university, Educational Access Schemes (EAS), Equity Scholarships and a presentation by Charles Sturt University.

Tuesday 8th September 2015 @6pm
Bathurst High Performing Arts Theatre (Old Hall)
Topics include: Demonstration on how to apply to UAC and the School Recommendation Scheme (Early Entry).

Upcoming CSU MyDay Events

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For further information on any of these events, please don’t hesitate to contact
Des Crawford on 6331 3755 or email at desmond.t.crawford@det.nsw.edu.au
NAPLAN
Well done to all Year 7 and Year 9 students who sat for the Naplan tests a few weeks ago. They are to be congratulated for their cooperation and behaviour throughout the three days of testing. While results won’t be available until September – students clearly demonstrated an excellent attitude and work ethic throughout the tests.

jk
Future Moves yourtutor Pilot Program
This is a national online tutoring service that gives student access to qualified tutors. There is more detailed information about this exciting program in the message from the Senior School. This free support is available to all students in their core subjects. Students will be given a login at school and shown how to access the program. They can then access it between 3 pm and 10 pm each day of the week except Saturday. For more information about the program go to www.csu.edu.au/futuremoves/yourtutor.

Debating and Public Speaking
On Friday 22nd May, Emily Soames, Jade Soames, Elouise Clarke and Jacob Molkentin competed in the first two rounds of the Premier's Debating Challenge against Kelso High.
The topics for debate were 'That schools should have equal numbers of male and female teachers' and 'Smart phones should be banned for people under the age of 18'.
Whilst Kelso was successful in winning both debates, our debaters took on all feedback provided by the adjudicator and demonstrated an immense improvement between the two debates.

The Festival of Speech also took place at Lithgow High on Friday 29th May. All our junior and senior debaters, as well as junior and senior public speakers, represented the school extremely well as they competed against schools from all over the Western Region as well as a variety of Sydney schools. A big thank you to Ms Strickland and Ms Simeonidis who coached the teams and organised the excursion.

Congratulations to Callum Goldfinch and Jacob Bicanic in Year 8 who represented the school at the CWA Public Speaking Competition in Orange. Both boys spoke extremely well and Callum was successful in gaining a Highly Commended. Thank you to Ms Judith Murphy for coaching the boys and organising the excursion.

Year 7 Student Advisor
It is with sadness that we farewell Mr James Ferguson at the end of this term. James has been successful in gaining a permanent Visual Arts teaching position at Eden Marine High School.
James has given invaluable support to Year 7 students as they have transitioned into High School and we wish him all the best.
Ms Eleanor Cloherty will continue as Year 7 Advisor and she will be joined by Mr Chris Bell. Chris is an English teacher who has a particular interest and experience with student welfare.

Stephanie Scott
Relieving Deputy Principal
Middle School
The Bathurst High Athletics carnival was held on Friday the 24th of April. The weather was not looking good leading up to the event. Fortunately the weather gods were kind to us and provided us with a fantastic day for athletics. The participation rate of students was the largest seen in an athletics carnival held by Bathurst High for some years, despite the outlook of the weather. Students travelled around in age groups, spectating and supporting each other. I would like to thank all the teachers for their assistance on the day, Rocky and the chefs on the always excellent BBQ and Bathurst Bus Lines for transporting the school to the venue.

**Athletics Carnival 2015 Age Champions**

**Girls**
- U/12 Tiarni Field
- U/13 Rachael Forrest-Scales
- U/14 Felicity Cornish
- U/15 Emma Brodie
- U/16 Simone Roberts
- U/17 Cindy McGrath
- U/18 Clair Woolmington

**Boys**
- U/12 Benten Salazar
- U/13 Scott Brown
- U/14 Luke Howard
- U/15 Damian Mays
- U/16 Aidan Kilburn
- U/17 Dylan White
- U/18 Joshua Cambey

**English Competition**

Bathurst High is once again offering students the opportunity to take part in the English Competition. A team of subject experts at ICAS (International Competitions and Assessments) design new papers each year. They assess students’ skills and are relevant to what they are learning at school. Each student receives a certificate and information on what they can/cannot do. The examination consists of multiple choice questions and answers and takes up to one hour to complete. The cost of $9 needs to be paid to the front office this term so that an order can be placed. Students sit for the English Examination on Tuesday 28th July. Participation is optional but money must be received this term.