A happy, restful holiday to all our parents and students. Thank you for another wonderful year and all the support you give to our school. May we all return safe and happy to be together again in 2016. Wise men found God in a most ordinary place; may we all experience God in our ordinary lives this Christmas.
Dear Parents,

It is all over again for another year. It has been a joyous couple of days as teachers and 2015 HSC students have rejoiced over their results. According to the Sydney Morning Herald calculation, Brigidine is ranked 60th in NSW; 11th in English and 17th in Maths. Most people on staff believe that this is the best we have ever done although at other times we have also been the top performing Catholic systemic school as we are this year. The HSC class of 2015 were always a group of clever girls with character and a good understanding of Brigidine values and we are very proud of them. We are a comprehensive school so every cohort is different; we celebrate personal excellence rather than straying into elitism no matter what the year.

Where’s all my Tupperware?
If you are asking this question, I can tell you that it is in the Brigidine skip. I brought some packaging from home to put in the skip last weekend after the girls had done a clean out of their lockers and was appalled at what I saw in the skip; perfectly good containers of all kinds, text books and notebooks. Lost Property also has assorted uniforms. We encourage the girls to take these things home but alas, the easiest way out tends to be the adolescent way when it comes to cleaning up.

Starting Back Next year
The girls have been told that they are responsible for ensuring that their uniform is worn according to the requirements of the school on the first day. The junior secondary girls who are shooting up so quickly need to ensure that their dresses are the required length. It is the girls’ responsibility to remind parents of this need in a timely fashion.

Ms Kate Edmondson
Principal
FROM THE ASSISTANT PRINCIPAL

Canvas Learning Management System – NEW 2016

In 2016 all girls will have access to the Canvas Learning Management System (LMS). Canvas will provide both staff and students with a way to engage in their teaching and learning so students can learn anytime, anywhere. Canvas is accessible from any computer or mobile device with a standard browser. Each Key Learning Area will upload their class materials on to the LMS so students can access these when they need. All assessment tasks will be uploaded and will sync with the calendar so that students are aware of what is due and when. Students will then have the option to personalise notifications about upcoming tasks with the flexibility to access via email and/or SMS. Canvas will serve as both the student’s diary and learning management tool. They will be able to submit tasks into Canvas and can receive feedback from their teachers online as well.

Canvas LMS is way for the College to bring together all the different learning tools students are currently using into one programme. Students will still be using google docs, only through Canvas now. It is hoped that this will help students to organise their learning more systemically and keep up with the demands of their pattern of study more easily.

Parents will be given, through the year, the ability to co-enrol in Canvas, allowing you to view all the upcoming assignments, due dates and teacher communication for your daughter.

Reports 7 – 10
Reports are now available on the SENTRAL Parent Portal. They have also been mailed to parents.

Dates to Note in 2016:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>28/1/2016</td>
<td>• Year 7 begin &amp; Year 11 Peer Support</td>
</tr>
<tr>
<td>29/1/2016</td>
<td>• All students 7 – 12 Return (8:30 – 1:05pm)</td>
</tr>
<tr>
<td>1/2/2016</td>
<td>• Opening School Mass (9:30am) – OLSH Church</td>
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<tr>
<td>3/2/2016</td>
<td>• School Photo Day</td>
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<tr>
<td>4/2/2016</td>
<td>• Year 7 Technology Parent Information Evening (6pm)</td>
</tr>
<tr>
<td>11/2/2016</td>
<td>• Year 12 Reflection Day</td>
</tr>
<tr>
<td>19/2/2016</td>
<td>• Year 7 Parent Meet &amp; Greet Evening (6-8pm)</td>
</tr>
</tbody>
</table>
2016 Changes to Bus Route Numbers from Term 1
Sydney buses has changed the number of all School Special Buses. Please discuss with your daughter what the new bus route number is that she will need to look out for, as it will begin from Day 1 of the School Term.

<table>
<thead>
<tr>
<th>Old Bus Route</th>
<th>Destination</th>
<th>Boarded From</th>
<th>New Bus Route</th>
</tr>
</thead>
<tbody>
<tr>
<td>693</td>
<td><strong>Malabar</strong></td>
<td>Perouse Rd. East (Students Assemble in Canteen Quad)</td>
<td>659</td>
</tr>
<tr>
<td></td>
<td>Via Perouse, Barker, Avoca, Anzac</td>
<td></td>
<td></td>
</tr>
<tr>
<td>692</td>
<td><strong>La Perouse</strong></td>
<td>Perouse Rd. East (Students Assemble in Canteen Quad)</td>
<td>658</td>
</tr>
<tr>
<td></td>
<td>Via Anzac parade (1st stop Malabar Shops)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>604</td>
<td><strong>Mascot</strong></td>
<td>Perouse Rd. East (Students Assemble in Canteen Quad)</td>
<td>651</td>
</tr>
<tr>
<td></td>
<td>Via Perouse, Soudan, Avoca, Alison, Doncaster,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Abbotford, Anzac, Day, Eastern, Gardners,</td>
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<td></td>
<td>Racecourse, Evans, Maloney, George, St Helena,</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Lismore, Florence, King to Botany Rd</td>
<td></td>
<td></td>
</tr>
<tr>
<td>637</td>
<td><strong>Matraville</strong></td>
<td>Perouse Rd. East (Students Assemble in Canteen Quad)</td>
<td>653</td>
</tr>
<tr>
<td></td>
<td>Via Perouse, Barker, Avoca, Anzac, Maroubra,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bunnerong</td>
<td></td>
<td></td>
</tr>
<tr>
<td>698</td>
<td><strong>Matraville</strong></td>
<td>Perouse Rd. East (Students Assemble in Canteen Quad)</td>
<td>617</td>
</tr>
<tr>
<td></td>
<td>Via Perouse, Canberra, Oberon, Arden, Malabar,</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Maroubra, Bunnerong</td>
<td></td>
<td></td>
</tr>
<tr>
<td>699</td>
<td><strong>Maroubra Junction</strong></td>
<td>Perouse Rd. East (Students Assemble in Canteen Quad)</td>
<td>619</td>
</tr>
<tr>
<td></td>
<td>Via Perouse, Canberra, Oberon, Arden, Malabar,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Torrington, Marine Parade, Maroubra Beach</td>
<td></td>
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<tr>
<td>400</td>
<td><strong>Burwood</strong></td>
<td>Belmore Rd (Students MUST NOT board the bus at the POW Hospital)</td>
<td>400</td>
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<tr>
<td></td>
<td>Via Belmore Rd, High, Anzac, Maroubra,</td>
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<tr>
<td></td>
<td>Eastgardens, Wentworth, Botany, Coward, onto</td>
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<td></td>
<td>Rockdale, Bexley</td>
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<tr>
<td>639</td>
<td><strong>Clovelly</strong></td>
<td>Perouse Rd West</td>
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<tr>
<td></td>
<td>Via Fern, Clovelly to Clovelly Beach</td>
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<tr>
<td></td>
<td><strong>Mascot</strong></td>
<td>Perouse Rd West</td>
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</tr>
<tr>
<td>667</td>
<td>Via Marcellin, High, Eastern, Gardners, Botany</td>
<td>655</td>
<td></td>
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<tr>
<td></td>
<td><strong>Bondi Junction</strong></td>
<td>Perouse Rd West</td>
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</tr>
<tr>
<td>614</td>
<td>Via Waverley College to Bondi Jctn Interchange</td>
<td></td>
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<tr>
<td></td>
<td><strong>Bondi</strong></td>
<td>Perouse Rd West</td>
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</tr>
<tr>
<td>680</td>
<td>Via Albion, McPherson, Waverley College, Bondi Rd, Denham, Bondi Beach, Brighton Boulevard to Nth Bondi</td>
<td>647</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Mascot</strong></td>
<td>BCR</td>
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<tr>
<td>604</td>
<td></td>
<td>650</td>
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<tr>
<td></td>
<td><strong>BCR</strong></td>
<td>Little Bay</td>
<td></td>
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<tr>
<td>657</td>
<td></td>
<td>654</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sydney Park</strong></td>
<td>BCR</td>
<td></td>
</tr>
<tr>
<td>670</td>
<td></td>
<td>656</td>
<td></td>
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<tr>
<td></td>
<td><strong>Botany</strong></td>
<td>Botany</td>
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<tr>
<td>685</td>
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<tr>
<td></td>
<td><strong>Maroubra Junction</strong></td>
<td>BCR</td>
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<td>699</td>
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<td>619</td>
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</tr>
</tbody>
</table>
FROM THE ENGLISH DEPARTMENT

The English Department would like to bid a fond farewell to Ms Jeffery and Ms Quirk who have been covering the classes of Ms Bassil and Mrs Wetherell for Term 4. Both teachers have made invaluable contributions to the Department, hosting our Shakespeare competition for Term 4. We wish them all the best for 2016.

Congratulations to our winners of the Shakespeare competition. They will be asked to participate in further activities next year to help them develop their film making skills even further. Thanks to Ms Jeffery for her enthusiasm for this project.

Sophie Browning
Shariah Cummings,
Lillian Dight
Jasmin Helene
Ashley Lam
Amelia Newman
Claudia Mason
Mia Malone
Grace Murray
Rosalie Narder
Gabby Ozeryanskiy
Sophie Ozkan
Jade Perrett
Laura Pitharoulis
Jessica Scandurra
Shriya Shinde
Eloise Smith
Isabella Taviani
Eve Visser
Kyriaki Xenenis
Year 12 English Extension 2 has started in earnest. Students have been meeting before school and in their study periods to refine their Major Works. In Week 9 we journeyed to the State Library to tour the facilities and to be introduced to their vast collection and other research tools. We were able to visit the stacks to see and smell (but not touch) the beautifully bound tomes of yesteryear, old film reels and rows and rows of card catalogues!

Ms Jarman
English Coordinator

CAREERS NEWS

HSC Class of 2015

1. Early Entry University offers:
   Congratulations to those of you who have already received an early offer to university. You should accept the offer and then remove it from your UAC list of course preferences. Removing it allows UAC to then make you another course/university offer in the main round of offers in January. If you are satisfied with the early offer that you have already received, then you need only accept that offer and not do anything else. You can email me if you are not clear about what you need to do.

2. HSC Results
   HSC results will be released by BOSTES this Wednesday 16 December at 6am. You should check students online and ensure that your details are correct so that you will be able to access your account. Here is the link: https://www.hscresults.nsw.edu.au/

3. ATARS
   You will be able to access your ATAR from 9am 17 December on the UAC website. http://www.uac.edu.au/atar/

4. Private Email Address
   If you have not given me your private email address as yet, please fill in the following google form. This will enable me to contact you next year to complete a destination survey. Click here to complete the google form.

Casual Jobs
   Below is a list of popular workplaces for those of you wishing to find casual employment over the Christmas holidays. To apply, generally you will need to upload your resume to the businesses of interest provided below. If you don’t have a resume, check the folders at the top of the Careers Edmodo for a resume template that you can adapt for yourself.
Hoyt's

KFC

Hungry Jack's

McDonald's

Coles

Woolworths and Big W

Target

Myer

David Jones
There has been a paradigm shift within the government and so from 2016 it will again be a great time to study Science. The future looks bright for those who are inquisitive and want to implement change. Hallelujah!

"Making science sexy"
In an attempt to deliver an “ideas boom”, over the next four years, the government will spend $84 million "inspiring" Australians in digital literacy and science, technology, engineering and maths (STEM). This includes new money to upgrade teachers’ digital skills, educational apps and $13 million to boost the participation of girls and women in STEM.” SMH Dec 7th 2015. As you know, we were ahead of this wave!

As a consequence of changes to emphases in future employment, the Science staff this year, skilled themselves up in some Coding languages. One language has been introduced to all of year 8 to code Arduino boards – this will be ongoing. From next year all of year 10 will build and program robots. We are not suggesting that the languages we code with here at BCR are the only ones the girls need to know, but rather, they illustrate to the girls the nature and purpose of coding.
Science is about knowledge and its application. Our 7 - 10 programmes allow the girls to build a knowledge base as well as developing core based working scientific skills. With this in mind we have purchased the latest data logging software and hardware so that the girls experience "real world" science practice in the classroom. We have embraced the digital revolution. We are told that there are many STEM jobs out there that cannot be filled!! Brigidine Science staff is committed to preparing the girls with the knowledge and skills they need to be successful participants in the workplace of the 21st Century.

**Stem Holiday Activities**

There are a number of activities that students interested in Science, Technology, Engineering and Mathematics (STEM) can get involved in over the school holidays and beyond.

- The [STEM video games challenge](#) is an annual competition suitable for Year 5 students upwards to develop games. Viewing the [2015 winners](#) may encourage students to work towards the 2016 competition using the [linked resources](#).
- [Science by doing](#) has units of work for children from Year 3 that both entertain and educate students about Science and Engineering.
- Bridge design software, which includes simulated forces and costs, is available free from [Engineering Encounters](#). It is suitable for Year 5 students upwards, who can participate in an international online competition.
- [Engquest](#) is an Australian initiative to interest students from Year 4 to Year 8 in engineering. The site has a number of quizzes and challenges that provide good information and engaging practical activities.
- [Girl Code](#) will run computer programming activities for girls in Years 5 to 8 in early January in Sydney, Western Sydney and Wollongong.
- [Exhibition: Designing Your Future](#) at Sydney Olympic Park, which showcases the work of South Western Sydney Institute’s Lidcombe design students, runs from [Monday 5 December](#) to the end of January and is suitable for all students.
- [The Museum of Applied Arts and Sciences](#) (PowerHouse Museum) has hands on [workshops](#) for children available at different times and for varying age groups.
- The [National Computer Science Summer School](#), is a wonderful opportunity to work with tech savvy students for teachers of all year groups, who are looking for a holiday activity.
Stem Christmas Party

Our last STEM session was held on December 2nd. Year 10 were absent as they were participating in their activities week.

We look forward to seeing you back in 2016 to continue the STEM journey. Stay Safe.

Merry Christmas

from

the
Year 11 Food Technology and Hospitality

A great finish for the Year 11 Hospitality and Food Technology students who had the fantastic opportunity to attend the annual ‘Paddock to Plate’ excursion. The excursion itself has been running for three years, and this popular three day field trip involves experiencing the various systems and processes involved in getting food from our Australian farms to our plates here in Sydney.

The students were exposed to cropping and wheat production, sheep farming, organic farming systems, dryland and irrigated agriculture, olive processing, mass vegetable farming, local food businesses, large scale dairy farming (Brigidine being the only school this year to visit the largest dairy in the Southern hemisphere) and a saleyard where the girls witnessed sheep marketing and an auction. The hospitality students had the opportunity to cook up a storm using local produce for an evening meal. The following night, we enjoyed eating homemade wood fired pizzas under the stars and toasted marshmallows on the fire. To top off the evening, the girls had lots of fun climbing up on hay bales!

The girls were ‘amazed at the amount of effort, time and commitment that goes into producing food’ so that people all over the country and even the world are able to eat. Seeing how milk is produced on a commercial level was interesting, and the girls thoroughly enjoyed visiting the maternity wing of the dairy farm, where they were able to see newborn calves, delivered that morning. Many of our animal lovers were relieved to see how well the cows were treated at the dairy. There was preconception that the cows would be poorly treated, but they were treated really well. It was a learning curve for the girls as the farmers explained about animal welfare and the importance of keeping the animals happy. There were some other lessons learnt along the way including clay being applied to onions to help prevent them from getting sunburnt and that A2 milk is just from a cow with different DNA/genetics to regular cows.

This ‘Paddock to Plate’ excursion would not go ahead without the organisation of Mrs Beverley McCarthy. This excursion provides an authentic learning opportunity for our students in both Hospitality and Food Technology. The girls will have unique case studies to include in their HSC assessments and exams.
Year 8 Technology
While some year 8 students spent Semester 2 preparing, cooking and creating wonderful food, some were designing and producing amazing shorts. The process of making the shorts was documented on a scroll and included aspects of the design journey including idea generation and evaluation.

Year 9 Food Technology
Throughout Semester 2, the food technology students spent time preparing for the TAS market day where they needed to sell innovative cupcakes. This group work project encompassed many aspects of food production including creating and developing ideas. A sensory analysis of existing products gave an insight into what customers are attracted to in terms of appearance, taste, smell and texture. Falling within the unit ‘Edible Enterprise’ (food service and catering), this practical and theory task allowed the students to achieve many outcomes including demonstrating hygienic handling of food to ensure a safe and appealing product, communicating ideas and information using a range of media and appropriate terminology and planning, preparing, presenting and evaluating food solutions for specific purposes.
We at T’s Textbooks have been selling second-hand and new textbooks for over 25 years; we do all the guesswork and legwork in obtaining and supplying the correct textbooks for each student.

Ordering
- Online - The booklist will be available on our website www.tstextbooks.com.au please select Brigidine College and the year from the drop down menu and follow the prompts to complete your online order.
- In person – All buying and selling of textbooks is only done at warehouse/shop 13/77-79 Bourke Road Alexandria NSW 2015 (near Bunnings, closest crossroad Gardeners Road).

Textbook Orders
With regards to second-hand textbook orders we operate on a “first come, first served” basis. So the earlier the student places their order, the more likely they are to receive second-hand textbooks. Where a second-hand textbook is unavailable we can supply new at the RRP. We highly recommend you place your order prior to the 15th December 2015.

Payments
- Credit Card (Mastercard/Visa/Eftpos) For any second-hand items we will take payment once the order is complete, picked up or dispatched. For any new items, we will take prepayment at the time your order is processed in-house. Please note this may result in several transactions on your credit card, totaling your order.
- Cash – payment to be made in person.

Collection
- The student is welcome to pick up their books from our warehouse/shop, or
- We can organise an Australia Post Express eParcel Courier (a $12.00 shipping surcharge is applicable to each delivery) to deliver the books directly to the student’s address in Metropolitan Sydney.

Buying textbooks – The “buy-back system”
We only buy current edition good condition textbooks. The student is welcome to bring their books to our warehouse/shop for inspection or they can email us a list of books for sale and we will let them know which ones are of interest.
- Cash - The student may choose to receive a cash payment; or
- Credit – The student may choose to receive credit towards their textbook order which is calculated at a higher rate than a cash payment
UNIFORM NEED ALTERING?
Too long, too tight, elastic not right? I have over 50 years experience in sewing and doing alterations and now I do them for my Grandson’s uniforms! If you need prompt, affordable help with making those uniforms fit just right, please call me. I can also come to the uniform shop if you need help with fitting.  Tina 9399 8009 or 0410 540 084

St Therese Parish Mascot
Under the Pastoral Care of the Scalabrinian Fathers
Corner Sutherland and Coward Streets
Telephone: 9667 3040

Mercy Night – Friday 18 December at 6pm
Reconciliation (Confessions) for Christmas. Feel God’s love and forgiveness.

Dawn Masses - Commencing Wednesday 16 December at 5am
Experience the unique preparation for the coming of Jesus through the Novena to the Blessed Virgin Mary at the Dawn Masses.
A Dawn Mass (Misal de Gallo) will be celebrated in our Parish every day at 5.00am up to and including Thursday 24 December.

Spanish Christmas Mass - Saturday 19 December at 6.30pm
6.30pm  Mass followed by Christmas Gathering in the Pastoral Centre

Filipino Christmas Mass - Sunday 20 December at 12 noon
12noon  Mass followed by Christmas Gathering in the Hall

Christmas Eve – Thursday 24 December
5.00pm  Christmas Vigil - Tableau and Family Mass
9.00pm  Christmas Vigil Mass
12.00am  Solemn High Mass

Christmas Day - Friday 25 December
8.00am  Mass (Italian)
10.00am  Solemn High Mass