From the Principal

The weekend conference of the Brighton Secondary Governing Council on 30th May was a success for those parents and students to hear about the teachers’ work in Flipping the Classroom; the Think Bright Program; the diversity of study through Vocational Education opportunities (VET) and planning for a stunning light show on the outside of the 1952 Spence building to celebrate the Year of Light.

The Digital Learning Leader, Jeremy LeCornu presented a compelling story about teachers at Brighton learning to ‘Flip the Classroom’. Jeremy has appeared in the latest edition of the prestigious magazine, ‘Education Matters’ and presented at the national Edutech conference in Brisbane. Essentially, ‘Flipping the Classroom’ means that students do the remembering and understanding at home using interactive films made by the teachers, in order to use the face-to-face time in class more productively to work on the application, analysis and evaluation tasks. Flipping the classroom is a major priority for 2015. Teachers are using the Film Studio created for this purpose in the Library as well as many other tools to provide learning artefacts that students can do at home, but with the teacher’s voice or picture available to make it personalised.

From the Conference, the Governing Council has recommended that we communicate more about VET opportunities to students from Year 9 on rather than wait for Years 10/11.

With regard to the Special Interest programs at Brighton, the applications for the 2016 Think Bright Program are being processed at present. The Music and Volleyball students have been selected from the auditions and the trials. Many families at this time of the year are disappointed to miss out as they are very keen for their child to enrol at Brighton.

The Professional Learning Day held on 5th June, saw staff immersed in developing up-to-date understanding about assessment. They are working through the Institute of Education Assessors’ training program. Staff have commented how useful the program has been. Staff are also involved in professional conversations with their mentor at this time of the year. This is the Brighton form of performance development. Teachers are using a tool provided by the Department for Education and Child Development (DECD) called the TIEL Compass Tool to seek feedback from students about their learning. The TIEL is the world-acclaimed South Australian document entitled, ‘Teaching for Effective Learning’ or TIEL for short. It joins the long list of acronyms used in our profession.

We continue to be frustrated by the uniform supply issues and again thank you for your patience. I wish to make it clear that girls in Years 8 and 9 should not be wearing navy trousers. The navy trousers are on the way out at the end of this year for Years 10, 11 and 12 girls. All students are required to be in the correct new uniform that was introduced in January 2014 by the beginning of 2016. This was advertised to families at the end of 2013. I know that some parents are upset that their children are being spoken to about uniform, however, I remind the community that Brighton has always tried to maintain a high quality approach to monitoring correct uniform and will continue to do so.

The uniform is cited as one of the reasons parents choose Brighton for their children. This may mean that students are spoken to by a number of staff if in incorrect uniform.

The semester changes on 22nd June 2015, the beginning of week 9. The last two weeks of term are very important as they set up the new work for semester 2. Reports will be issued on the last Thursday of term as is usual practice.

Olivia O’Neill
Principal
Diary

JULY
1  Principal’s tour, 9.00am
1-2  SIV Year 12 Aquatics
3  Last day of term 2, 1.00pm dismissal
20  Student Free Day (Staff Training)
21  First day for students in term 3
27  Finance meeting, 5.45pm
29  Year 11–12 SACE Parent Information Evening, 6pm – 7pm
31  SIV State Schools Cup

AUGUST
1-8  Year 10 Ski Trip
3  Governing Council, 7pm
3-5  Chinese Musicians visiting BSS
5  Principal’s tour, 9.00am
6  SIV Open KO volleyball at Heathfield
7  Poetry workshops
10  Uniform committee, 1.00pm
10-14  SIV Eyre Peninsula tour

SEPTEMBER
1-11  Year 12 Trial exams
2  Principal’s tour, 9.00am
3  Year 10 / 11 Subject Selection 3.30pm – 7.30pm
4  Year 8 / 9 Challenge Day
4  Year 10 / 11 Subject Selection Day
7  School Closure Day
7  Governing Council, 7.00pm
8-18  Festival of Music
9  Percussion Showcase
10  Year 11 Outdoor Education Aquatics
11  Year 9 Focus Day
14-18  Ideas Week
14-18  Festival of Music week
14-18  Outdoor Education camp
15  Moon Lantern Festival
16-18  Year 12 Drama production
19  Japanese trip departs
21  SIV Year 9 Challenge at BSS
23-25  SIV South Coast Tour
25  Last day of term 3, 1.00pm dismissal

Congratulations

Congratulations to Tim Lennon who competed in this year’s SSSSA Cycling tour. Tim finished 2nd in the Under 19 category and was awarded the ‘most aggressive rider’ of the tour.

Riley Byrne, Year 9, who has been selected for state representation at the World Sport Rugby Carnival in July.

Casey Muirhead, Year 11, has been selected to play Beach and Indoor Volleyball for Australia in the USA in July.

Katie Gardner, Year 11, has been selected to play Beach and Indoor Volleyball for Australia in the USA in July.

Bohdie Fry, Year 8, who has been selected in the Under 14 State Rugby Union team and the Under 15 School Boys State Rugby League team, travelling to Gold Coast and Sydney respectively.
BSS Students Win
Cooking Competition

On 23rd June Jackson Jones, Daniel Fidler, Soumiah Al Jassar and Krystal Papandreou competed in a cooking competition held at Regency TAFE organised by the Australian Culinary Federation.

The challenge was to use a whole chicken for four people. The boys prepared, “Chicken, ginger and coriander wontons with spiced chicken breast and chicken, mushroom and chilli broth served with crispy chicken skin.” The girls prepared, “Stuffed chicken wrapped in prosciutto served with potato stack, asparagus and white wine sauce.”

It comes with great pleasure announcing that the Brighton Secondary School Boys’ Team is the overall winner. This has qualified Jackson and Dan to compete in a global cooking competition held in Tahiti in October.

Congratulations to Ryan Elliott, their outstanding teacher.

Debating

Congratulations to the Year 8 Debating Team (Jessye Campbell, Uri Hauben, Zach Newman and Callum Cunningham) who won their affirmative debate “That $90m to transform the Festival Centre is a waste of money” against St. John’s Grammar School.

Both the Year 9 Debating teams won the topic “That the Apple Watch is a gimmick”. Jesse Stevens, Ethan Govender, Joshua Holmes and Samuel Warburton argued the affirmative against Cardijn College. Delys Russell, Nicole Kascak, Luke Battjes and Tyo Ahap argued the negative against Seaton High School.

A very exciting night.

Sophie Russell
Debating Coordinator

PARENT / STUDENT / TEACHER CONFERENCES

Parent / Student / Teacher Conferences will occur in Term 3:

The dates are as follows:

Wednesday 19th August 2015: Years 10, 11 and 12 – 3.30pm – 8.30pm

Wednesday 26th August 2015: Years 8 and 9 – 3.30pm – 8.30pm

This year, Conference bookings will be made by parents using the ‘Parent Teacher Online’ website.

Information, including a log-in and ‘how to’ guide will be distributed.

Kane Hillman
Assistant Principal Human Resources & Data
We welcome the release of the 2015 Brighton Secondary School STEM calendar – better late than never!!

The May photo features a STEM activity with engineering as the focus, utilizing pasta as the building material, and marshmallows as the joining system. It is clearly an engaging and fun STEM task.

Copies of the calendar are available from the school for $30.00.

Thanks to the STEM team, (from left Ange MacDonald, David Adams, Steve Read, Dominic Ashfield, Melissa Adams, Jeremy LeCornu and Sam Moyle) at school for their great assistance in putting this together.

The Road to Singapore and the World Finals – STEM - F1 in Schools

The Brighton Secondary National Champion F1IS’s Precision Racing team continues to work hard, including being at school every Sunday from 8:00am until mid afternoon. Visitors are welcome to see applied STEM activities in action, just contact Stephen Read at school.

In keeping with F1IS’s pedagogy, we readily accept and welcome expertise form the wider community, in an effort to value add to student learning and help us get an advantage on the upcoming world stage.

One example over recent weeks is the lectures/tutorials presented by Mr. Spencer Olds, current 2nd year Adelaide University engineering student, who has helped prepare the team for engineering scrutineering, and for inclusion in the Folio and Testing Booklets. They are relevant for the designing of the gas cushion and for the aerodynamic rationalization for the Race car.

Wonderful, relevant and applied physics!!

Lectures included:
(i) fluid dynamics 1
(ii) fluid dynamics 2
(iii) thermodynamics 101
(iv) thermodynamics 102

The Race Car

Car progress is developing well, but it is a meticulous and exacting process. The system requires close and significant understanding of the Maths, Science and Engineering principles associated with overcoming the identified losses the car will experience in traffic. In addition, the team needs to be ‘all over’ the existing world rules, to ensure no points are lost.

Pictured is a render of a prototype car from the National Final.
Testing and Analysis

We are now using Flow Design, an AutoDesk product, as one of our products, to help us with our CFD predictions. This very interesting graphic shows the laminar/disturbed flow along a car, and importantly, the trailing wake.

Fundraising

Some of the team’s industry partners have also kindly offered significant prizes for use in fundraising activities, notably:

- Singapore Airlines
- Easyfuel
- The Strand Café
- Bay Junction Florist
- Brian’s Gourmet Meats

Tickets are $5.00 with prizes including 2 return airline tickets to South East Asia, flying Singapore Airlines, and $50 fuel vouchers form Easyfuel. Tickets are available from Mr Stephen Read at school, or any of the Precision Team members.

Future Submarine

Our Submarine industry partners, Babcock International and ASC, have kindly offered continued support towards the design and manufacture of the new boat, and they provide some of the more advanced STEM opportunities for our students, especially around calculations for example of flotation and displacement for the boat. The submariner students have been busy developing technologies for their new boat, namely alternate bulk head designs – (please see the image, which features a helix ‘screw thread’ drawn using CATIA and manufactured here at school using our 3D printers), and an alternate flotation system, this one using a plunger to displace/drawn in water to facilitate smooth submerging and surfacing the boat. This will require changes to the trim of the boat as the mass/displacement/Centre of Gravity change. The new class starting next semester will provide opportunities for a new group of students to engage in the broad range of technologies on offer, including ergonomics and anthropometrics inside the boat.

Engineering and STEM in Science

Mrs Adams Year 8 class was recently looking at Energy and Making Things Happen. As part of their investigation tasks they built and tested several things we need in everyday life; bridges, towers, and boats. With each, a limited amount of resources were given for them to meet a standard criteria such as holding weight and supporting itself.

When building the bridges, the students had to create a bridge that spanned a 20cm gap and would support weight. The students watched an engineering video for ideas and applied the principles learned. To test the bridge they added 50g weights until the bridge collapsed. The most weight held by one of the bridges was 1.6kg. Not bad for 20 straws and some sticky tape!

Stephen Read
STEM Coordinator
World League Volleyball

Through the Brighton SIV program, 17 students had the opportunity to become involved in the Men’s Australia v Italy World League match on the 29th of May this year.

The selected group trained to become the on-court volunteers, assisting as; sweepers, ball rollers, retrievers, floor moppers and flag bearers for both men’s teams. Having had the Italian team train in front of the school crowd on Tuesday 25th at the school, we were lucky enough to have had a slight insight as to what excitement lay ahead. The Brighton crew took part in a number of trainings before the big game which involved testing and choosing what role we’d like to play. We then continued to master the correct techniques and routines for Saturday.

As well as holding ‘the best’ courtside seats in the house, the crew were prepared to showcase the Brighton name which is also held by former SIV students, Greg Sukochev and Nathan Roberts, who went on to play for the Australian team. The Brighton crew were privileged to have the chance to get a quick snap with the two of them and officially met them both after the captivating match. Through the exhilaration of the players, and the nerves from being in front of a home crowd, it was a highly enjoyable experience for the Brighton students and one to never forget. All players and officials commented on the ‘slick’ performance in all roles, achieved by the crew, walking away with a job well done.

Tara Maland
Year 10

Sport and Recreation VET

Brighton Primary School Sports Clinics

On Thursday mornings our Sport and Recreation VET (Vocational Education Training) class has been culminating their experience and learning by leading Year 5 Brighton Primary School students on 28/5, 4/6 and 11/6 at the primary school.

The sports clinics included soccer and Australian Rules football. Our students have been planning, practising and evaluating their skills sessions. The primary school students have been excited and very engaged in the practical sessions. Their skills and teamwork have developed well. Thankyou to Katie Dixon and Hayley Corston from Brighton Primary School for organising their classes and helping to foster a very successful partnership. Brighton Secondary students and Brighton Primary School students both learnt a lot from this authentic learning experience.

Peter Vowles
Healthy Lifestyle Coordinator
Outdoor Education

Mountain Biking Camp

On Wednesday 20th May our Outdoor Education class set off on our Mountain Biking adventure. We met our instructors at Craigburn Farm and practiced mountain biking techniques, before we went on the trails.

During the day we completed the down-hill trails Sidewinder, Cow Bones and Surf and Turf. These were all single trails and lots of fun. The climb back up required fitness and we were glad we had been practicing in the Spin Room during the weeks leading up to the camp. That evening we set up camp in Kuitpo Forest at Rocky Creek. We cooked and sat around the fire, talking and playing some games.

On Thursday, we explored the down-hill mountain bike trails within the pine forest at Kuitpo and learnt to go over obstacles and negotiate burns. We had heaps of fun, despite some intermittent showers. It was hard to get a campfire going with the wet wood, but it was worth persisting because that night the stars came out. The next morning we packed up camp and travelled to Fox Creek. This is home to many of the downhill mountain biking competitions in South Australia. We cycled some great single tracks and found a 360 degree view from the top of a hill where we could see the pine forest, vineyards, Australian bush and the ocean. We then travelled home, very muddy and physically exhausted, but exhilarated and with a sense of achievement with the skills we had learnt and used and how we had performed as a group.

Outdoor Education Class
Art and Design students in Year 9 have recently concluded some creative and unique works that reflect the ‘Elements of Art’ and ‘Recycling’. Year 9 students produced a fascinating collection of wearable artworks and the materials were developed from found objects that included discarded materials from everyday life. The jewellery will be displayed in the Bright Centre and includes neckpieces, wristbands, necklaces, rings and bracelets.

The Year 9 Art ‘Build’ paintings in the Art Foyer corridor are showing the individual interpretations of students who combined their own ideas with a ‘mentor’ artist. This work focussed on students working through a folio and culminating their ideas into a final work. Artist statements displayed with the works provide an insight to the developments and ideas behind the works.

**Reconciliation Week and the Tjanpi Desert Weavers**

As part of Reconciliation Week, visiting pre-service teacher Ms Nicole Agardi worked with Year 8 Art classes teaching them the ideas and skills of Aboriginal weaving. The Tjanpi weavers are aboriginal women who keep their traditions and stories alive with their lively woven artefacts. Sometimes the works have ‘found objects’ embedded in the weaving to acknowledge the changing times we live in. Students enjoyed working with these ideas and materials to celebrate Reconciliation Week and the work was displayed in the Art Foyer.

**Yasmin Paterson**
Coordinator The Arts

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**South Australian Living Artists (SALA) News**

**Light and Bright – Illuminate the Learning**

Next term Brighton Secondary School will host the 2nd SALA exhibition in the Brighton Concert Hall for students from Years 8-12 and the local Kindergartens and Primary schools in our Partnership region.

The work to be displayed will celebrate a range of artworks that may even be the result of creative learning outside of art and design. We are hoping many students will participate and be a part of ‘Light and Bright – Illuminate the Learning’, 2015.

Students wishing to place a work in the exhibition can see their teachers for a nomination form. Works will be collected next term and reminders will be in the bulletins.

The opening of the exhibition is **Tuesday 18th August at 5pm**.

**Yasmin Paterson**
Coordinator The Arts
Japanese News

This year has been an exciting year for languages so far! We have several students in Year 8 doing Year 9 Japanese and French as a part of our new Accelerated Language Program.

We also made Sushi and snow cones in Year 8 Japanese class at the end of last term and had sushi platters in the Year 9 Japanese class.

This term the Year 10 Japanese students went to a Japanese movie making day at St Johns Grammar School and got to make TV commercials in Japanese with students from St Johns and Investigator College.

The Year 8 Japanese students will also be visiting a Japanese restaurant at the end of this term and the Year 9 Japanese students will be visiting a Japanese restaurant at the end of next term.

Finally the 20 students who are going on the first Brighton Secondary School Japan Trip are starting to get really excited preparing for our trip at the end of next term.

We will be travelling to Japan for 3 weeks and will be visiting Hakuo Middle School and our sister school Toyodai Himeji. We will also be visiting many famous tourist spots including, Tokyo Sky Tree, Tokyo Disneyland, Studio Gibili Museum, the Golden temple and Water temple in Kyoto, Hiroshima Peace Park and museum, Himeji Castle and Universal Studios in Japan.

There will be more photos and news about the Japan trip for next year after we return from this year’s trip. Watch this space.

Amie Flink
Japanese Teacher

Open Boys Knockout Tennis

Congratulations to our boys on reaching the State Trials for tennis. The opposition was very tough and Brighton finished a credible 3rd, behind 2 schools with Special Tennis Programmes.

Team members were: Nick De Vries, Seb Luetolf, Dylan Cerone and Pascal Luetolf.
You may have seen this analogy floating around on the internet: a story – about a glass of water – which speaks to the notion of the stress and burdens we carry.

“A psychologist walked around a room while teaching stress management to an audience. As she raised a glass of water, everyone expected they’d be asked the “half empty or half full” question.

Instead, with a smile on her face, she enquired: “How heavy is this glass of water?”

Answers called out ranged from 8 oz. to 20 oz.

She replied, “The absolute weight doesn’t matter. It depends on how long I hold it. If I hold it for a minute, it’s not a problem. If I hold it for an hour, I’ll have an ache in my arm. If I hold it for a day, my arm will feel numb and paralyzed.

In each case, the weight of the glass doesn’t change, but the longer I hold it, the heavier it becomes.”

She continued, “The stresses and worries in life are like that glass of water. Think about them for a while and nothing happens. Think about them a bit longer and they begin to hurt. And if you think about them all day long, you will feel paralyzed – incapable of doing anything.”

Remember to put the glass down.”

I tried this. It’s true! If I were to take a drink from this glass of water, I hardly even notice the weight. But if I were to hold the glass longer, I start to notice and feel the weight of the glass.

I wonder what our “glasses of water” are? What are the worries that, when carried for days and weeks on end rather than a short amount of time, cripple us and seem unbearable? Can you think of any in your life? I can.

Let’s try to put these ‘glasses of water’ down.

A Pastoral Care Worker is a person in a school community who exists to support the students, staff and families of the school. I work Tuesdays, and Thursday and Friday mornings. If there is a way I can assist you and your family, please get in contact with me on 8375 8278 or by using the school email.

Chelsea Russack
Pastoral Care Worker

The SAASPC (South Australian Association of School Parents Clubs Inc. is holding a conference on Monday 17th August (evening) and Tuesday 18th August.

The theme is sessions with Andrew Fuller. Andrew is a clinical psychologist and works in many schools and communities in Australia and internationally, specialising in the wellbeing of young people and their families. He is also the author of the books “Tricky Kids, Help your Child Succeed at School”.

The conference is open to all parents /caregivers. It will be held at the AEU building 163a Greenhill Road, Parkside. Please do not hesitate to call for more information on 1800 724 640 or office number 8272 4640 to register your interest.

Winter Fitness Special 6 weeks full club membership for just $10.

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