



St Catherine's School

# the blue ribbon

WEEKLY NEWSLETTER

CONNECTING PARENTS, STUDENTS, STAFF AND THE WIDER ST CATHERINE'S COMMUNITY

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## FROM THE PRINCIPAL



### Michelle Carroll

The development of the STEM in the Morning program in Barbreck exposes students to STEM-related concepts and, through this exploration, develop within the girls a passion and confidence for STEM and an interest in pursuing a job in this field...[more](#)

## UPCOMING SCHOOL DATES



### Diary Dates

Important upcoming School dates...[more](#)

## EARLY LEARNING CENTRE



### Campbell House News

Learning through current events is a wonderful way to engage young learners. In celebration of the Rio Olympics children have researched the flags of the world and carried out their very own Mini Olympics...[more](#)

## SCHOOL NEWS



### From the Director of Curriculum Innovation and Development

As an educator I am intrigued by the phrase 'practice makes perfect' and how it applies to learning and student success...[more](#)

## JUNIOR SCHOOL



### Barbreck News

Students across the Junior School have celebrated the Rio Olympics and learnt a lot about history, geography customs and citizenship along the way. Our Year 6 students also provide reflections on their time in Canberra...[more](#)

## COMMUNITY NEWS



### 120 Anniversary GALA and Art Exhibition

Tickets are now available for St Catherine's 120 Anniversary GALA at the Melbourne Recital Centre on Tuesday 13 September. Details are also provided on our ELC to Year 12 student Art Exhibition...[more](#)



### PFA Father's Day Breakfast and Barbreck Stall

The PFA invites fathers, grandfathers, special male relatives and daughters to the Father's Day Breakfast Friday 2 September 7.00am...[more](#)



### Heyington Club AGM

All members of the School community are invited to attend the annual general meeting of the Heyington Club on Monday 12 September...[more](#)

## SENIOR SCHOOL



### Parent Teacher Interviews and Uniform Centre

Bookings are now open for Parent Teacher Interviews. An update from our Uniform Centre on stock and preparation for summer uniform is also included...[more](#)



### Global Young Leaders Conference

Year 11 student Mackenzie Leyden discusses her time in the USA as part of the Global Young Leaders Conference in Washington D.C...[more](#)



### National Science Week

Last week St Catherine's celebrated all things Science with National Science Week activities including a flaming experiment from Professor Bunsen for our Years 7 and 8 students and a Science Week Assembly address from Dr Elaine Saunders...[more](#)



## FROM THE PRINCIPAL MICHELLE CARROLL



### Barbreck STEM

With the commencement of the Barbreck STEM (Science, Technology, Engineering and Mathematics) program this year, the Junior School is a hive of activity every morning before School. This Monday, I curiously ventured through the police tape of a Barbreck crime scene to be met by a group of budding Years 5 and 6 crime scene detectives set with the task of solving the mystery of a missing puppy. At the conclusion of their Forensic Investigations Unit, students were able to solve the mystery by using a logical process of deductive reasoning and applying previously learned scientific techniques to collect evidence used to comprehend information about the crime. This certainly provided an exciting step into School for the week ahead.

During the morning STEM session, the girls collected and examined soil samples, analysed handwriting and fingerprints collected from over 20 staff members (the 'alleged' suspects) and measured tread types in footprint casts, to narrow the range of possible suspects. The girls' enthusiasm was spirited by the task – I observed their brilliant team work and collective problem solving strategies as they examined the range of evidence with the mindset of a forensic scientist. At the conclusion of the activity, the girls were also required to differentiate between fact and opinion to then provide a persuasive argument articulating the clues and evidence gleaned from their examination of the crime scene.

STEM pervades every part of our lives. The development of the STEM in the Morning program in Barbreck this year intends to expose students to STEM-related concepts and, through this exploration, develop within the girls a passion and confidence for STEM and an interest in pursuing a job in this field. A curriculum that is STEM-based explores authentic experiences to enable learning. The activities provide 'hands-on and minds-on' lessons for the students. The 'hands-on, minds-on' philosophy was abundantly clear on Monday morning, as well as making Mathematics and Science fun and interesting for our students.

### STEM – T is for Technology

At our recent Staff Professional Learning Day, Dr Jenine Beekhuyzen from Griffith University provided an interesting keynote address to staff about the Tech Girls Movement emerging across Australia. The Movement is a non-profit organisation promoting positive female information technology role models to encourage and raise awareness of technology career options for girls. "It is no secret that the Information Technology (IT) industry lacks women. Most agree the industry lacks diversity and the unique female perspective that can bring new creative ideas to technology development teams. Thus as an industry, we need to get creative in finding innovative ways to attract females to technology careers," explained Dr Beekhuyzen.

[Continued...](#)

## SCHOOL DATES

### Friday 26 August

Victorian Interschools Snowsports

### Saturday 27 August

Victorian Interschools Snowsports

### Sunday 28 August

Victorian Interschools Snowsports

Boarders' Program 2.00pm

### Monday 29 August

Senior School Athletics Training  
(Before School)

Years 11 & 12 GSV Training  
(Before School)

Years 9 & 10 Soccer Training  
(Before School)

Years 11 & 12 GSV Round 4  
(After School)

Girls Talk II Seminar 7.00pm

### Tuesday 30 August

GSV Years 7 & 8 Training  
(Before School)

Senior School Sports Captains'  
Breakfast 7.30am

Senior School Interschools Gymnastics

### Barbreck Choral Assembly

Senior School Athletics Training  
(After School)

### Wednesday 31 August

Years 9 & 10 GSV Training  
(Before School)

Senior School Interschools Gymnastics

Years 10 to 12 Parent  
Teacher Interviews

Years 9 & 10 GSV (After School)

### Thursday 1 September

Senior School GSV Athletics Training  
(Before School)

Senior School Interschools Gymnastics

Years 7 & 8 GSV (After School)



# FROM THE PRINCIPAL

MICHELLE CARROLL

Beekhuyzen highlighted the fact that Australia's digital economy is now considered to be worth \$79 billion and predicted to grow to \$139 billion by 2020 (Deloitte Access Economics). To power this growth and ensure Australia does not miss out on these opportunities, a workforce of young people with skills in computational thinking and Computer Science is required. This means boosting participation and engagement with students today, so they can have the jobs of tomorrow.

Australia will need an extra 100,000 people skilled in ICT by 2020 if it is to keep pace with rising demand. However, in the last decade, despite a 31 per cent growth in industry employment, the number of young people commencing IT courses at university has fallen by over 50 per cent.

The growth of Australia's tech industry is constrained by the fact that we are not producing enough software engineers. A big part of this is because we are not encouraging young people, particularly young women, to study Computer Science and IT. Australia has a chronic shortage of women graduating with Computer Science or coding skills. Since 2001, the rate of women enrolling in an IT degree has actually fallen from approximately one in four to just one in 10 (*Australian Financial Review*, 2/2/2014).

Beekhuyzen also highlighted that women could be left out economically, "shut out from influential positions in industry and government due to lack of relevant skills and experience," and subsequently perpetuate the gender gap in Australian IT in which currently:

- Only 28 per cent of workers in the ICT are women
- Only one in five tech entrepreneurs are women

Beekhuyzen concluded how crucial it is that young women learn to code and consider careers in ICT, as early as possible, to have a stake in shaping the world of the future. To improve rates of participation by women in technology jobs, we need to capture girls' interest early, providing opportunities for them to experience the creative side of ICT and highlighting role models and diverse career paths while moving away from stereotypes.

In addition to the Morning STEM program in Barbreck, our Year 3 students also enjoy lessons by Senior School Science teacher, Ms Megan Vu, to engage and inspire students with a range of STEM related learning experiences. This has included learning coding techniques using programs such as Scratch and Tynker and exploring electrical circuits using the 'littleBits electronics' kits.

In Year 5 students enjoy a weekly Genius Hour that engages, empowers and motivates them to follow their passions in the classroom. Inspired by search-engine giant, Google, Genius Hour allows our students to be creative with their education and develops their 21st Century thinking skills, including collaboration, communication, creativity and critical thinking, all essential for the careers of the future.

Genius Hour along with our STEM programs provide students with a platform to be creative, inventive and imaginative. Students enjoy learning fundamental computer coding and concepts, developing electronic circuitry skills, hands on 3D design and construction, designing and implementing their own scientific investigations through alliances with the Australian Academy of Science and the CSIRO.

All of these activities encourage our students to be active participants in their learning and develop their problem solving and STEM skills, providing them with the best tool box for their futures.

## Junior Overall Winners – Victorian Interschools Snowsports Championships

Congratulations to the St Catherine's Junior Snowsports Teams who are now the Champion Junior Girls School following their outstanding performances at the Victorian Interschools Snowsports Championships at Mt Buller this week, with the win being a collective achievement attributed to the whole team.

Congratulations to Snowsports Captains Catherine Chen and Maddie Hooker and, in particular, to Catherine Chen who placed first in the Division 4 Moguls. We wish all our Senior School participants well as they continue their events across the weekend.

Mrs Michelle Carroll  
**Principal**



# EARLY LEARNING CENTRE CAMPBELL HOUSE NEWS



## Flags of the World

Over the past couple of weeks, the Banksia Room children have shown a keen interest in the Olympics, which was prompted by the display outside the Junior School Library.

Group discussions have led to comments about the Opening Ceremony and different sports they had seen in the media.

Using this interest to heighten cultural awareness, we provided an opportunity for each child to research a chosen flag of the world using a reference book. The flags were carefully drawn and painted on to fabric.

Last Friday, we organised our very own Banksia Mini Olympics and carried our flags to represent an array of countries.

Ms Lyn Pewtress

**Banksia Room Teacher**

## The Power of Influence

Children watch, listen and question with enthusiasm and certainly absorb the environment around them very rapidly. It is well known that young children form attitudes and approaches, as well as ways in which to interact or respond to each other, from a very early age.

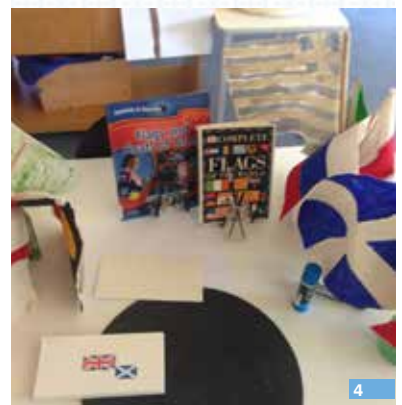
At times, we can be astonished at the ways in which children respond, both positively and perhaps not so politely. Sometimes the use of phrases or vocabulary can leave an adult pondering the question "How does that child know that or know those words?"

Children parrot much of what they hear, often with only a limited understanding. Context, timing and an awareness of the bigger picture for instance are developed with maturity. When repeating actions or information generated by observing others, children may have little understanding, but when copied with emphasis, can have surprising impact. As adults, we must all be keenly aware that children must be surrounded by positive and appropriate role models.

Children can appear to be busily engaged in an activity whilst adults converse and interact. Speaking whilst children are playing or assuming that they are either not listening, or will not understand the content of an adult conversation, can be very far from the actual.

As educators and parents, we must be highly conscious of providing the very best of role models for young children. Children copy and mimic much of what we say and do and very likely, absorb many attitudes, approaches and habits which will be secured for future use.

Continued...



- 1 Banksia Room children displaying their flags
- 2 Carys Dreaver holding her flag
- 3 Daisy Cameron researching her flag
- 4 Display of flags
- 5 Scarlett Bertalli painting her flag

# EARLY LEARNING CENTRE

## CAMPBELL HOUSE NEWS

They copy and mimic the way we drive, treat others, act and say. "The child (up to ages eight or nine) admires, even worships parents for the capability of what they can do and the power of approval that they possess. The child imitates the parents whenever possible. The child wants to be like and to be liked by their parents who are usually positively evaluated. A child identifies with parents because they provide the primary models to follow after and to live up to," *Psychology Today*, October 18, 2010, Carl E Pickhardt PHD.

Campbell House educators emphatically know that children watch them, listen to them and copy them. A position of privilege must never be minimised. Nor should the power of positive role modelling.

Mrs Alana Moor

**Head of ELC and Junior School**



## JUNIOR SCHOOL

# JUNIOR SCHOOL NEWS



### Celebrating Cultural Diversity

We are fortunate to have a number of cultures and countries represented in our School community. On Tuesday 30 August we will have a special assembly to celebrate cultural diversity. At this assembly we look forward to hearing from staff and students about their cultural background and learning more about other cultures. Parents are warmly welcome to attend.

Ms Jo Lynden-Bell

**Barbreck Extension and Learning Support Teacher**

### Performers at Cultural Diversity Assembly

We are delighted that all Prep to Year 4 students will be performing at the Cultural Diversity Assembly and celebrating with songs!

### Celebrating the 2016 Olympics

The Olympics always provides many opportunities for learning. History, Geography, cultural studies, customs, civics and citizenship are just a few of the academic areas which arise from such events.

In addition, the facility to observe the skill, talent and achievements of the participants and hear their stories provides opportunity for discussion and learning. As always Mrs Victoria Baldacchino and Mrs Judy Hoole ensured the library was a place to gather and learn about the Olympics. Displays and resources were all so inviting for curious, eager learners. Mrs Jessica Easton, Miss Kirrilly Wootton and Miss Fiona Wardlaw worked together in a dynamic team, spurring much excitement and provoking curiosity through wonderful Olympic displays and also in carefully crafted Olympic themed lunchtime Pop-up Programs.

Ms Wootton outlines the programs for reader interest:

### Pop Up Program Overview

The Prep students were invited to the first of our Pop-up Programs with a torch making session. The girls followed a series of steps to design and create their own 3D torches. There was a lot of discussion about what should be included on the torch, many thinking the Olympic Rings would be a good addition. Some Year 3 girls also attended to assist the Preps with the cutting out and construction.

The Year 3 students were a part of our second Pop-up Program where Mrs Easton showed the girls how to create the Olympic Rings using origami. The girls listened carefully to the instructions and then commenced the careful folding procedures.

[Continued...](#)



1 Miss Wardlaw with Lexie Hill, Mia Upton, May Aiello and Kaixuan (Isabelle) Cao

2 Rachel Carton holding the Olympic Rings

## JUNIOR SCHOOL

# JUNIOR SCHOOL NEWS

Many of the girls returned to the classroom proudly carrying their rings and commenting on how exciting it was to complete such a challenging task.

The Year 5 students took part in an Olympic Alphabet Scramble. The girls worked with a partner to find a word relating to the Olympics for each of the 26 letters of the alphabet. Some examples were Australia, Basketball and Canoeing. The letter X provided them with a real challenge and was the deciding factor on the winning teams.

Years 2 and 4 worked with Miss Wardlaw to create wreaths similar to the ones presented to medal winners in the Ancient Olympic Games. The girls used pictures and paper to create their own versions of the wreath.

Our final two Pop-ups were with the Years 6 and 1 girls. Year 6 worked with Mrs Easton to redesign the Olympic mascot. The girls discussed the key characteristics of the many mascots over the years and then worked together to create a new mascot. Year 1 worked with Miss Wootton to design an Olympic badge. The girls discussed the many symbols used in this year at the Olympics. They used a variety of materials to create their own badge design and then pressed their badges using the machine.

Miss Kirrilly Wootton

### Year 3 Teacher

#### Canberra Study Tour – Student Reflections

*“While we were at Parliament House, role playing as members of the Opposition and Government, we debated a bill that would give wildlife five percent of farmers’ land. The members of the Government won the debate.”*

Emma Froomes

*“When we were leaving Parliament House, we discovered Mrs Moor sitting in our bus and were able to have lunch with her on top of Mt Ainslie.”*

Ika O’Halloran

*“Looking at artefacts in the War Memorial took me to a time when nothing existed but blood, sweat and tears.”*

Emilia Searby

*“Walking through the hallways of Parliament House was an unforgettable experience.”*

Lara Thorn

*“In room one at Questacon, which was the last room we went to, there was the famous drop slide. We dressed in orange jumpsuits and climbed upstairs to the bar. When it was my turn I sat down and then hung off the bar for what felt like ages. Then I dropped. My stomach lurched and I began to slow as I reached the bend in the track but no matter how many times I did it nothing compares to hanging off the bar and then dropping.”*

Clarence Houle-O’Connor

*“On Friday we went down to K-Space at the National Museum of Australia and we designed robots and controlled them to find Captain Cook’s treasure. We went upstairs to the Circa Theatre to watch a video. It was fun because Circa is a moving theatre that spins around. My cousin, who lives in Canberra was at the Museum when we were there.”*

Olivia Fortey

*“We went to the National Museum of Australia and were able to explore lots of fun things including Circa a revolving theatre, saw Phar lap’s heart and best of all we went to K-space. We got to design a robot and use the robot to see what really happened when Captain Cook discovered Australia.”*

Sarah Marriott

Continued...





## JUNIOR SCHOOL

# JUNIOR SCHOOL NEWS AND SPORT

*"The Portrait Gallery was an excellent opportunity to learn through paintings and investigate ways of drawing with the help of the Guides. I learnt a great deal about the history of the Franklin River all through just one painting."*

Scarlett Davis

*"I liked Cockington Green because of the mini sculptures and displays that were exactly the same as the real life buildings. The intricate detail of the displays was amazing and fascinating. Thinking about how many hours of work goes into each display is astounding."*

Eliza White

Mrs Alana Moor

**Head of ELC and Junior School**



### **Barbreck Sport**

Tuesday 16 August saw the staging of the House Handball competition and it was Holmes Kilbride who were dominant and undefeated.

The competition was spirited with some excellent throwing and catching skills on display.

Final results:

Holmes Kilbride	First
Beaulieu Blair	Equal Second
Langley Templeton	Equal Second
Davis	Third

Mr Tom Crebbin

**Junior School Head of Physical Education**



## FROM THE DIRECTOR OF CURRICULUM INNOVATION AND DEVELOPMENT

### The Power of Practice

For our parent readers, I wonder if your childhood was similar to mine in this one respect – were you subjected to a constant stream of ‘wise old’ sayings or great pearls of vocal wisdom?

They started with life gems such as ‘manners cost nothing’ and ‘good things come to those who wait’, but, as I grew, they progressed into more esoteric dimensions, ‘you can’t see the wood for the trees’, ‘the grass is always greener’, ‘you can’t have your cake and eat it too’ or my two favourites, ‘when life gives you lemons, make lemonade’, this assumes of course that life also provides you with sugar, otherwise you would simply have lemon juice and ‘it takes more muscles to frown than to smile when, in fact, it takes 10 muscles to raise the upper lip and the corners of the mouth, whilst it only takes three muscles to lower the bottom lip and lower the corners of mouth.

*The Daily Mail* recently conducted a survey of their readers, asking those above the age of 40 to share which saying had been most influential on their lives and also, as parents, which sayings have they perhaps recited most to their children. You may think the results would have been the same but, as the saying goes, there is ‘more than one way to skin a cat’. The list below reveals those sayings that were most influential, and the one most recited by parents to their children? Number seven.

1. Practice makes perfect
2. Treat others how you’d like to be treated
3. If at first you don’t succeed try, try and try again
4. Manners cost nothing
5. You can’t judge a book by its cover
6. Good things come to those who wait
7. Two wrongs don’t make a right
8. It’s not the winning, it’s the taking part that counts
9. Never say never
10. There’s no time like the present

As an educator I am intrigued by how influential number one is – practice makes perfect. Erik Erikson was a famous 20th Century psychologist who developed the theory of psychosocial development and the concept of identity crisis. In education he and George Nadel studied students whose scores moved from ‘good to great’. They found these particular students moved from being good to being great because they employed ‘deliberate practice’ and had teachers who ‘intervened’ to improve that practice. One of the things I (and many other teachers) have drilled into students is the need to practice, practice and practice!

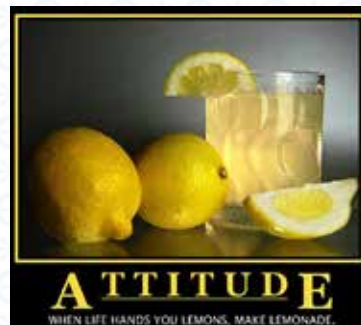
However, does practice always lead to perfection? In my experience the answer is actually no, but, when the practice is recognised by the student as being meaningful, motivating, skilful, challenging and rewarding, then practice does lead to perfection (just look at some of our wonderful musicians, rowers or debaters).

Our task, as educators and as parents, is to ensure when asking students (or daughters) to practice, it is sufficiently meaningful, has sufficient motivation, requires sufficient skills and is sufficiently challenging to be rewarding for them. If these characteristics are in place, then practice does lead to perfection. Pushing students to take subjects or courses that have little meaning to them, or that present little challenge to them means that no amount of practice will lead to perfection. Yet when all are in place, perfection appears.

Education, or life for that matter, is never just about practice. NASA famously quotes the saying, ‘attitude is altitude’; the right attitude will take you to the heavens! With that in mind, and if you have one minute, I think we can all learn a lot from this little girl – [watch her pep talk here](#).

Mr Adrian Puckering

**Director of Curriculum Innovation and Development**



If you have two minutes watch this revealing David Beckham clip that shows his greatness was partly down to sheer practice. [Watch the video here](#).



## PARENT TEACHER INTERVIEWS AND UNIFORM CENTRE NEWS



### Semester 2 Parent Teacher Interviews

All parents in the Senior School have received an email with information pertaining to the upcoming Parent Teacher Interviews scheduled to take place during the last two weeks of Term 3.

The email confirms not only the date, time and location of the interviews, but also provides parents with instructions on how to log on to the PTO website via [mystcatherines](http://mystcatherines) and make their appointment times electronically.

Please note the schedule is as follows:

Years 10 to 12	Wednesday 31 August 4.00pm to 8.00pm (Senior School Hall)*
Years 7 to 9	Tuesday 6 September 4.00pm to 8.00pm (Senior School Hall)*
Boarders only	Friday 16 September 1.30pm to 3.00pm (Sherren House Ballroom)

\*Some staff may be available from 2.30pm

Each appointment is of six minutes duration. Bookings must be finalised by 3.00pm the day prior to the interviews.

PTO has proved to be accessible and easily navigable in the past, however should you encounter any difficulties in using the system, please contact Mrs Jane Cox on 9828 3088 in the Senior School for assistance.

Mr Adrian Puckering

**Director of Curriculum Innovation and Development**

### Uniform Centre

We are currently overstocked with second-hand bathers and polar fleece vests, so now is a good time to buy these garments. There is also a limited amount of Snowsports uniforms available. Deck coats (suitable for the snow, athletics meets and after swimming) are currently available in medium, with a second drop of the smaller size yet to be delivered. These smaller garments, which sold out very quickly, may be ordered and cost \$186. A new item in stock is a navy crested blanket which sells for \$48.

Now is a good time to check that summer dresses still fit. Please bring in outgrown uniforms in good condition for second-hand sale (either as a donation or on a commission basis). The Exchange Program wardrobe is rather bare and donations to outfit our visiting international students (roughly Year 9 sizing) would be most appreciated.

Mrs Vikki O'Neill

**Uniform Centre Manager**



## SENIOR SCHOOL GLOBAL YOUNG LEADERS



### Global Young Leaders Conference

The Global Young Leaders Conference, hosted in Washington D.C. and New York City, was not only a wonderful escape from Melbourne's ghastly winter weather but, more importantly, enabled seven budding St Catherine's diplomats to debate and negotiate pressing global issues, connect with influential speakers and figures and meet other students from all around the world. Upon our arrival to Washington D.C., we were allocated a country group, with which we would spend the next 10 days debating issues and creating strong friendships with people from all around the world.

Throughout the trip, I represented China as we discussed issues that confront our contemporary world, such as free trade, GMOs, territorial integrity, climate change and technology. At the conclusion of the program, I was fortunate enough to stay in New York for an extra four days as part of the Cultural Extension, during which we were given the freedom to explore different areas of New York such as SoHo, Fifth Avenue, college campuses such as NYU and Columbia University and Times Square. Some personal highlights from the trip include visiting the United Nations Headquarters, the U.S. Department of State, the United States Holocaust Memorial Museum, watching *Matilda* on Broadway, going to the top of the Empire State Building at sunset, spending an afternoon in Central Park and eating more American fast food than we should have.

However, for me, the most valuable aspect of the trip was the exposure to a plethora of cultures, views, lifestyles and experiences. We experienced the benefits of cross-cultural communication through the sharing of cultures, stories, language and food and created memories that will last a lifetime with the most diverse and interesting group of people. While travelling without our parents was undeniably daunting, due to nearly missing a connecting flight and running from terminal to terminal at LAX, the trip helped me gain independence and responsibility than can only come from travelling.

Furthermore, despite the initial nerves surrounding rooming and spending two weeks with people who were initially strangers, the Conference encouraged me to maintain an open mind and to learn from how others live and interact. As a result, the trip provided me with a greater insight into our global society, as well as our role as young people in shaping the future of our world.

Mackenzie Leyden

**Year 11**



## SENIOR SCHOOL OPEN STUDIO AND MUSIC NOTES



### Open Studio

Open Studio on Thursday 18 August was a wonderful opportunity for the Senior Visual Arts students to work on completing artworks for the up and coming 120 Art Exhibition. Parents and friends visited the studios to see the girls working on their artworks in a very diverse range of art forms. This highlighted the skill and expertise the students have developed over this year and from their many years learning Art at St Catherine's.

For some parents it was their first visit to Wiltondale Visual Art Centre and they enjoyed exploring the different studios to see the girls working in Visual Communication Design, painting, ceramics, digital photography, drawing and printmaking. It was best described by one of our visitors as "a pleasure to see them enjoying the art making experience, their commitment to spending many additional hours in the studios and the skilful resolution in the works completed to date."

We now look forward to the ELC to Year 12 Art exhibition, opening on Friday 9 September in the Dorothy Pizzey Centre at 6.00pm, where we will showcase the artistic work of every art student in the School, as a celebration of our 120th birthday. More details regarding the Exhibition are available on the Community News section of this week's *Blue Ribbon*.

Mrs Brigid Weeraratne

**Head of Arts**

### Victorian Schools' Music Festival

On Tuesday 16 August our Senior Concert Band played in their section of the Victorian Schools' Music Festival. They performed and received a Silver Shield. This group clearly benefitted from their rehearsals during Music Camp and did themselves and Mr Collins proud. Thank you also to the parents who came to watch. They were understandably proud of their daughter's achievements.

Please do not hesitate to ask for assistance on any matter concerning the Performing Arts. Our Administrator Mrs Robyn Miller is more than happy to take your call on 9828 3014.

Mrs Jenny Mathers

**Head of Music**



### Term 3 Music Dates

**Tuesday 30 August**  
Barbreck Choral Assembly

**31 August – 1 September**  
Barbreck Recitals, 3.45pm

**Sunday 11 September**  
Gala Rehearsal Day, Music Ensembles

**12–16 September**  
School Arts Festival

**Tuesday 13 September**  
Gala Concert 120th Celebration Concert,  
7.00pm, Melbourne Recital Centre



## SENIOR SCHOOL

# NATIONAL SCIENCE WEEK



### 2016 National Science Week at St Catherine's

The 2016 National Science Week theme Drones, Droids and Robots reflects upon the impact of Science upon real-world applications of autonomous technologies including agriculture, mining, manufacturing, medicine, space and deep ocean exploration. This technology has transformed our day-to-day lives – from robot vacuum cleaners and lawn mowers to automated pool cleaners.

St Catherine's opened Science Week with our annual Science Week Assembly. The School community warmly welcome Dr Elaine Saunders who received the 2016 Australian Academy of Technology and Engineering Clunies Ross Award for Entrepreneur of the Year by building on Australia's bionic ear technologies. Dr Elaine Saunders has changed the lives of tens of thousands of Australians.

Dr Saunders and her team have built on Australia's bionic ear technologies to create a system where you can test your hearing online, buy your hearing aid online and can adjust the hearing aid with your smartphone. The result of this innovation has empowered people to manage their own hearing. Not only did Dr Saunders share her experiences with us but Science Week Assembly was also a great opportunity to highlight the achievements of the future scientists at St Catherine's.

Katherine Yuan and Brooke Maat shared their National Youth Science Forum experiences and Ruyan (Lily) Li outlined her experience at the Science Summer Program at the University of Chicago. Students presented the Epworth Surgery Workshop, the Science and Engineering Challenge, the Science Experience, and Jessica Walsh shared her amazing Sci.Co Road Trip at the University of Tasmania.

During Science Week, Year 11 students, Sophie Seng Hpa, Fuming (Maggie) Yang and Lily Li launched the St Catherine's School Club, The Science Extravaganza. Years 7 and 8 students enjoyed a presentation from Professor Bunsen whilst Years 9 and 10 students were challenged with the Bad Science Show. Form groups and staff also participated in the 'Drones, Droids and Robots' quizzes. Students viewed short films from the SCINEMA International Film Festival 2016 Community Screening Program.

The week was a wonderful celebration of Science.

Ms Vanessa Jackson-McRae

**Head of Science**



- 1 Professor Bunsen providing an entertaining Science lesson for Years 7 and 8 students
- 2 Dr Elaine Saunders a pioneer in bionic ear technologies opened Science Week at St Catherine's during Assembly

## St Catherine's Aquatic Swimmer Profile: State Team Series 3

**Name:** Lucy Wentworth

**Age:** 13

**Squad:** National Development

What is your favourite race? *100m Breaststroke.*

What is your favourite training set? *10x25m underwater kick.*

What is your main goal currently? *To swim faster than 1:25.00 for my 100m Breaststroke.*

Why do you swim? *For fun, to stay fit and I love competing.*

### A little bit about Lucy

Lucy has had an unfortunate run of injury and setbacks this season. Most athletes cave in the face of adversity, but not Lucy. Growing in character, Lucy has developed in many ways this season, including areas out of the pool. A regular squad swimmer last year, Lucy was one of the first wave of St Catherine's Aquatic members, and will be part of the team for the Victorian State Age Short Course Championships in just over two weeks.

Having to adjust her training approach following injury, Lucy has found ways to get the most out of her sessions, even when there have been limitations. There would not be one session where Lucy does not offer a positive contribution to her Team mates and everyone around her. The coaching team enjoy Lucy's uplifting spirit and can see the enjoyment Lucy has through her time in the water.

With an up and down season, Lucy hopes to bring some stability into her last few weeks of preparation for the 2016 Victorian State Age Short Course Championships (25m pool). Lucy races the 100m Individual Medley on the first night, with the opportunity to learn from her experience. This exposure at state level will fuel Lucy's long course season development.

Drawing from recent experiences, Lucy looks to develop strong mental skills through the remainder of 2016, with an eye on building a regular and consistent 'pre-habilitation' routine to safe-guard against further injury. Maintaining a healthy balance in life is important, but not always as straightforward as we would like. Creating a lifestyle with the routine we want is the best way to ensure long-term results, in whatever area we are involved. Balancing mind and body with her sport, studies and social time, Lucy can seek to succeed to any level she desires.

While Lucy's growth this season may not be easily measured through performances in the pool, her performance out of the pool has been outstanding. A Team member on STCA's first trip to Wangaratta, a helper/supporter/Team Captain at Club night, and forever smiling day in, day out, Lucy is an important part of the St Catherine's Aquatic Team.

We are all looking forward to watching Lucy continue to enjoy Swimming and grow in the pool over this long course season.

Mr Mark Cooper

**St Catherine's Aquatic Head Coach**





## 120 ANNIVERSARY GALA CONCERT



### EPIC 120th Anniversary Gala Concert

St Catherine's School returns to the Melbourne Recital Centre to celebrate our 120th Anniversary through music. We extend a warm invitation to our wider School community to attend this special event and share in a variety of EPIC performances that link the School values of Empathy, Perseverance, Integrity and Curiosity.

The concert will showcase a diverse repertoire from students in Years 5 to 12, including *Wild Swans Suite* by Elena Kats-Chernin, Handel's *Hallelujah Chorus*, John Williams' *Star Wars Theme* and a selection of EPIC choruses from musicals. Join us to celebrate our passionate and dedicated musicians and their EPIC performances.

All students in Years 5 to 12 have allocated seating provided. Years 7 to 12 are required to be at the Melbourne Recital Centre by 5.30pm and Years 5 and 6 by 5.55pm.

Tuesday 13 September

Doors open at 6.30pm for a 7.00pm start

Duration: 2 hours 30 minutes (including interval)

Standard \$24.90 / Student \$15.90

Tickets can be purchased [here](#).

### 120 Art Exhibition

St Catherine's School invites all members of our School community to the 120 Art Exhibition showcasing artworks by our ELC to Year 12 Students. The Exhibition Opening Night is Friday 9 September 6.00pm.

The opening night is a highlight of the Exhibition as The Dorothy Pizzey Centre transforms into a creative hub showcasing the works of our students. The Exhibition will be official opened by Ms Marina Carroll ('03), Associate Architect, Architectus and St Catherine's 2013 School Captain, Marina brings a dynamic energy and focus to her work and has a particular interest in learning environments.

#### Exhibition Dates

Saturday 10 September 2.00pm – 4.00pm

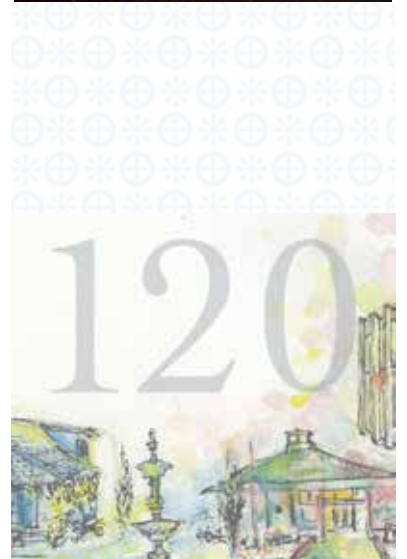
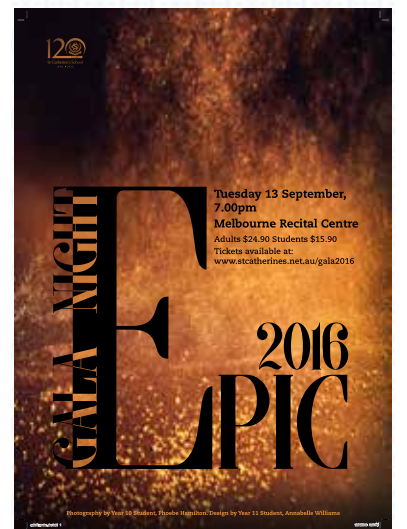
Sunday 11 September 2.00pm – 4.00pm

Monday 12 – Wednesday 14 8.30am – 4.00pm

Thursday 15 September 8.30am – 2.00pm

We look forward to seeing you there.

### St Catherine's School Visual Arts



## PFA FATHER'S DAY BREAKFAST AND BARBRECK STALL



### Father's Day Breakfast

The Parents' and Friends' Association (PFA) warmly invites fathers, grandfathers, special male relatives and daughters to the Father's Day Breakfast.

Friday 2 September 2016

7.00am – 8.00am

The Mary Davis Centre

Serving homemade savoury tarts, croissants, Bircher muesli, fruit salad pots, yoghurt pots, coffee, tea and juice.

Adults \$15

Students \$10

Please [click here](#) to book tickets.

### PFA Father's Day Stall

This year's PFA Father's Day Stall will be held on Friday 2 September in the Junior School. Girls will have the opportunity to buy lovely gifts for their dads/special friends/grandfathers, with prices ranging from \$2 to \$20.

The Stall will be open to all girls from Prep to Year 6 (there will be no Senior School Stall this year). Please send your daughter(s) to School with some money and a shopping bag on this day.

Parents and Friends Association

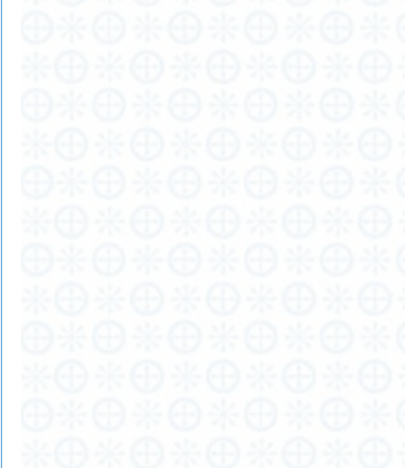
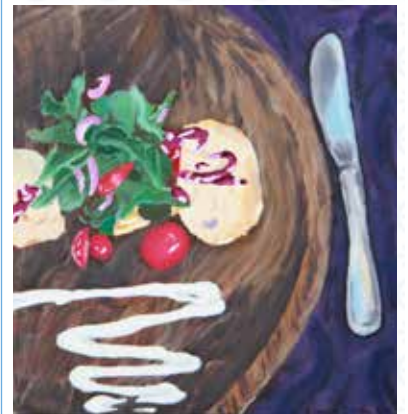
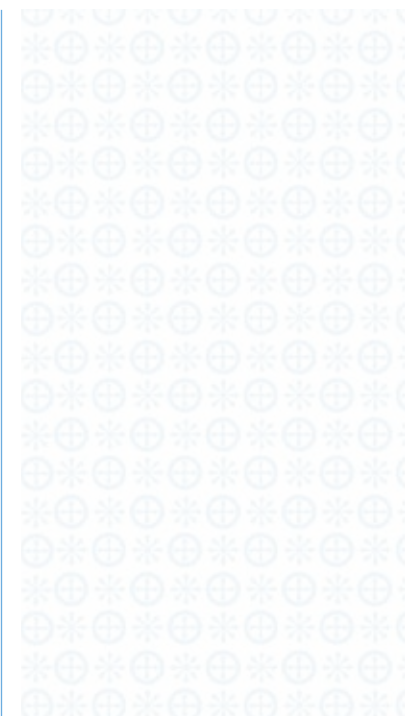
### Confirmation Service St John's Anglican Church

A Service of Confirmation with Bishop Genieve Blackwell will be held on Sunday 4 September at the 10.00am Eucharist service.

If you or someone you know is interested in being confirmed, please contact one of the clergy at St John's Anglican Church. Confirmation classes will commence in August. An application form for Confirmation is available [here](#).

For further information please contact St John's Anglican Church on (03)9826 1765 or email [enquiries@saintjohnstoorak.org](mailto:enquiries@saintjohnstoorak.org)

St John's Anglican Church, Toorak





# COMMUNITY NEWS

## HEYINGTON CLUB AGM

### Heyington Club AGM

The Annual General Meeting for the Heyington Club will be held at 6.30pm on Monday 12 September in the Sherren House Dining Room, St Catherine's School.

All members of the School community are welcome to attend, especially those who wish to support our Rowing Program by joining the Heyington Club Committee. To print a Nomination form please [click here](#).

The Heyington Club is a hard-working committee dedicated to supporting and providing a social base for the Rowing program and raising funds to support our state-of-the-art Rowing fleet.

Please call Heyington Club President Louise Lampard on 0400 559 779 if you have any questions. We thank you for your support.

The Heyington Club



### In the Media

St Catherine's students have been showcased across the media in recent weeks including coverage of our Cross Country success at Interschools and our Year 12 fundraising initiative, Cancer Cut. Our teachers have also been promoted for excellence in their fields including Junior School teachers Mrs Jenny De Nardis and Mrs Loretta Iacuone. To read the full articles visit our [website](#).

SNOWSPORTS

## Two titles for St Catherine's

St Catherine's School gained valuable points towards claiming the overall Interschools championship by winning the senior and junior cross country events at the Victorian Interschool Cross Country Championships at Mt Harker last weekend.

Ivanhoe Girls has dominated the senior division for the past six years but this year the trophy is in the hands of St Catherine's. The Division 1 girls set the standard from the very start with a podium placing in the first event of the day. Ella Swann, Mia Lattard, Coco Burrell and Serena Clark all skied their final cross country races for the school.

In the remaining divisions



Skiers Emily McAllister, Chloe Joubert and Amelia Jones.

### Students make cut for cancer cure

MEMBERS of St Catherine's School in Toroni had a date with the choppy scissors, being sent back to raise money for cancer research.

After recently being the most to cancer, Year 12 member Mia Lattard teamed up with her friends Ella Swann and Serena Clark to organise a fundraiser which raised more than \$2000 that will go towards helping find a cure.

The both sides of the coin



St Catherine's School students show off their cut hair.

**SCHOOL'S OUT**  
WED 16 FEB 2017

**IT'S SO EXCITING TO INTRODUCING NEW TECHNOLOGIES... SEE HOW QUICKLY THEY DISAPPEAR!**

By Mrs Loretta Iacuone  
Year 2 - St Catherine's School

## HOW YOU CAN HELP YOUR CHILD'S EDUCATION

When I was nine years of age, my parents decided to take a six month, family holiday to Europe. The whole intention was to introduce my brothers and I to our extended family and immerse us in our heritage and Italian culture.

Of most concern was our education as my parents did not want us to be faced with the repercussions of missing out on half a year of school. We were travelling by ship, so we took all of our school books with us. I could not remember to do our work but the adventure of travelling was far more exciting.

While the adventure of travel was exciting, I did learn at a very early age that there is no power greater than the power parents have over their children's education.

My father in particular knew that the experience empowered our education. He was always willing to nurture our quest for knowledge. In white hot scenarios can afford an expensive overseas holiday, there are many ways parents can help their children's education.

**Play:**  
They help children learn and develop socially. The American Toy Association says that children will access to a wide range of toys are more likely to be challenged and stimulated in turn assisting them to develop thinking power and promote personal and emotional well-being. However, parents need to spend a fortune on expensive toys. Play can come from an empty cardboard box.

**Socialising:**  
When accompanying your child to a social function such as a family party, allow your child to work out for themselves with minimal supervision. This helps to build invaluable problem solving skills. Children need to be allowed to make mistakes and take risks because this leads through experience. Life is all about trying new things, occasionally making mistakes, learning from them and not repeating them.

**Shopping:**  
This is an invaluable skill. Children can help parents shopping lists, work out the quantities of ingredients needed, weigh the ingredients and check out the trolley time. Take your children shopping to buy the ingredients. Read how much each item costs, compare the cost of all the items, let them pay at the checkout, working out the change. They should receive links of the packaging noting the different forms of measurement for weight, liquids and length.

**Travelling:**  
When travelling provide children with a small dictionary of new and foreign words. Print out a map, travel, distance to towns, populations of towns and other landmarks. When you are driving along in the car, ask children to guess how far it is to the next town, how long it will take to reach the next town, calculate the distance travelled in the distance yet to travel. Listen to the radio while driving.

While academic success is important, there are many other skills that can contribute to success in life. Help your children achieve their best results. It isn't just about academic achievement. These success is determined by a combination of academic, physical, emotional and social skills.

By Mrs Loretta Iacuone  
Year 2 - St Catherine's School

