

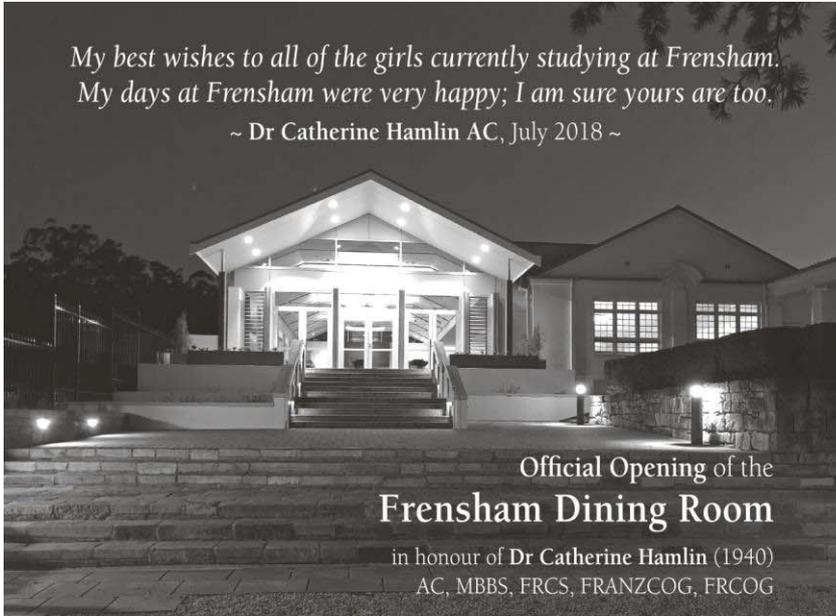
# Newsletter

TERM 3 No 2

Friday 10 August 2018

*My best wishes to all of the girls currently studying at Frensham.  
My days at Frensham were very happy; I am sure yours are too.*

~ Dr Catherine Hamlin AC, July 2018 ~



## Official Opening of the Frensham Dining Room

in honour of Dr Catherine Hamlin (1940)  
AC, MBBS, FRCS, FRANZCOG, FRCOG



By Elizabeth Stuart  
Chair of Governors, Frensham Schools

& Acknowledgement of  
completion of  
the Kennedy House Project

Sunday 12 August 2018

### Dr Catherine Hamlin (Nicholson, 1940) AC MBBS, FRCS, FRANZCOG, FRCOG

- 2018 NSW Senior Australian of the Year 2018
  - 2017 Sydney Ferry named *Catherine Hamlin* in her honour
  - 2017 United Nations Association of Australia Lifework Award 2017
  - 2017 Ethiopian 'Good Person of the Year Award'
  - 2014 Nominee, Nobel Peace Prize
  - 2014 Distinguished Surgeon of the Year, Society of Gynecologic Surgeons, USA
  - 2013 100 Women of Influence (Global Category)
  - 2012 Honorary Ethiopian Citizenship
  - 2011 Farquharson Award, Royal College of Surgeons of Edinburgh
  - 2010 Honorary Doctorate in Medical Sciences, University of Addis Ababa
  - 2009 Right Livelihood Award, 'The Alternative Nobel'
  - 2007 The Ethiopian Nations and Nationalities Award
  - 2006 Doctorate of Law (honoris causa) Dundee University
  - 2005 Honorary Fellow, Royal College of Surgeons of Edinburgh
  - 2005 Doctor of Medicine (honoris causa) University of Sydney
  - 2004 National Living Treasure of Australia, The National Trust of Australia
  - 2003 Honorary Fellow, American College of Surgeons
  - 2000 Centenary Medal, The Order of Australia Association
  - 1999 Nominee, Nobel Peace Prize
  - 1998 Rotary Award for World Understanding and Peace, Rotary International
  - 1995 Companion of the Order of Australia
  - 1989 Honorary Gold Medal, Royal College of Surgeons
  - 1987 Gold Medal of Merit, Order of St Gregory the Great
  - 1984 ANZAC Peace Prize
  - 1971 Haile Selassie Humanitarian Prize
- Addis Ababa Fistula Hospital**
- 2004 United Nations Population Award
  - 2004 Dr Nathan Davis Award for Outstanding Global Health Initiative, American Medical Association
  - 2004 Best Practices in Global Health, Global Health Council

## ANNUAL FOUNDATION DINNER

~ We look forward to seeing you on Saturday 11 August in the Frensham Dining Room ~



## Father ~ Daughter BALL

SATURDAY 1 SEPTEMBER 2018

The events of this weekend provide an important opportunity at Frensham to acknowledge formally and celebrate the completion of the upgrade and extension of both Kennedy House and the 'new' Dining Room. Both facilities are world class in design and amenity and for that we salute our architects TKD – Tanner, Kibble, Denton, whose ability to preserve our heritage buildings, seamlessly blended with contemporary style, is notable. The Foundation Annual Dinner on Saturday night – our largest ever, with more than 260 guest attending – will be an opportunity to offer thanks to key people who have contributed to Foundation's fundraising efforts. We are also delighted that Dr Catherine Hamlin (Nicholson, 1940) has agreed to our opening of the Dining Room in her honour.

### Benchmarking against national and global standards

Very high energy and purpose have been evident in Week 2 and Week 3 of the term – across the Schools. At Frensham, focus has been on **Year 12 HSC Trial Examinations**, the **Year 11 Parent Weekend**, the **Year 10 Senior Studies Programme** and the **Year 9 Global Forum**, and **Years 7 and 8** starting their 'examination term'. At Gib Gate, **Book Week** preparation involves the entire School, and at **Sturt**, the Sunday Opening of **Avi Amesbury's** ceramics exhibition, linked to weekend workshops saw hundreds on campus at Sturt over the past two weeks.

Last Friday, **Frensham Schools' Executive worked with the Board of Governors** on the annual setting of priorities for 2019 in our strategic theme areas: (i) Teaching and Learning (ii) People (iii) Culture (iv) Operations and Governance. Papers were presented by the Executive for discussion in areas including: Academic Excellence, Personalised/Flexible Learning, Curriculum Innovation, Character Education, Diversity (report on AISNSW Principals' Dialogue Tour) and Staff Professional Learning. In addition we considered recommendations of the WWS Foundation Review (2017), new approaches in Marketing and key elements of the operations of Gib Gate, Frensham and Sturt, including the next projects in our 2035 Facilities Master Plan.

### Teaching and Learning – benchmarking nationally and internationally

Frensham Schools' position re: Excellence in Standards and Growth: **Academically excellent students** embrace the acquisition of knowledge and new experiences in everyday life and apply this philosophy to an area of study; they demonstrate the ability to achieve mastery as learners. **Academically excellent schools** have highly trained and engaged teachers and highly engaged and motivated students. Data to inform academic excellence will include information about **School and student performance in specific areas of study**, measures of **student character** development (Character Education) and **teacher development** (professional learning and measures of **student and teacher engagement**).

Across Gib Gate and Frensham we analyse studies data derived from external testing, including: **NAPLAN** (State/National grades, results vs 'like' schools, student growth and overall School growth); **ICAS [Competitions]** in English, Writing, Mathematics and Science [*trends over time*]; **Higher School Certificate results**: scaled marks per student, per subject and per teacher and average scaled results – measures on which subject and student achievement can legitimately be compared [*trends over time*] - not percentages of Band 6 results – given the number of Band 6 grades awarded per subject is not comparable: in 'harder' subjects a Band 5 result far exceeds scaled Band 6 marks in a 'less difficult' subject; Cambridge International course results for Years 9 and 10; norm-referenced tests (Gib Gate) like **PAT (Progressive Achievement Tests)** to measure student and School progress over time in Reading and Mathematics. We also use studies data generated internally to supplement external assessments. Additionally we measure: (i) the professional quality/accreditation level of teachers linked to professional earning; (ii) Student/Staff Satisfaction (aligned to professional teaching standards for teachers) and, under development, Character Measures (students) – *part of our current CIRCLE Research*.

### Learning Walks – continually evaluating and developing our 'next practice' using a research-based approach

Learning Walks, to provide direct feedback on teaching for learning, are embedded in our approach to growth in quality of professional practice. This week the Studies team observed Year 11 in Music, Economics, Mathematics, Design and Technology, Agriculture and in the Library, observing student-teacher and student-student interaction on varied learning tasks from the collaborative design of the musical item SOS (ABBA), to experimental design on chicken breeds, complex Economics questions and writing tasks in DAT. The collective feedback was that teachers were concerned with 'learning' over 'work', 'understanding' over 'knowledge' and 'depth' over 'surface' understanding – criteria essential to our designation as a 'thinking' school.

### Staff Update

- This week we farewell **Mrs Alex Powell** (House Staff) – leaving to commence a new role in boarding at Bromsgrove International School, Bangkok. We thank Alex for her keen efforts to add to the community of the School throughout her time with us, in both Hartfield and Kennedy.
- From January 2019, we are very pleased to welcome **Mrs Kerry Lennon** MBus Admin (UWA, in progress), Grad DipEd (UWA), BA (USYD), highly experienced educator and professional team leader, as **Director of Languages P-12**. Mrs Lennon will join Frensham Schools in this new senior position, moving from Sydney Grammar School where she is Master of Modern Languages and Teacher of French. Our Year 12 French Extension class has already enjoyed having Mrs Lennon as their teacher this year, as a result of a generous arrangement with the Headmaster of Sydney Grammar.

**Director of Studies, Ms Janene van Gogh presented a powerful message this week about the research-supported need to put down our phones to improve our own sense of belonging and connection, and that of our friends and family.** She also introduced us to words and phrases that describe something that is raising concern around the world, including: 'smombie' (German word for **smartphone zombie** - a pedestrian who walks slowly and without attention to their surroundings, focused on their smartphone); from China - dī tóu zú - 低頭族 (literal meaning – 'bowed head tribe'). From Japan - mǔ zhǐ zú (拇指) or 'thumb tribe' (someone whose two-digit tapping never stops). In Japan, the idea of belonging to oyayubizoku (拇指族) – 'clan of the thumbs' – was first invented to describe teenagers better at text messaging than talking.

Ms van Gogh opened her presentation with the following question:

*'What am I? I threaten four of the main fundamental needs for good mental health: belonging, self-esteem, meaningful existence and feeling in control. My effects are felt equally on the person doing it and for those around me. The result is that those near feel just a little less important and the relationship we share feels less certain.'*

**Answer: 'I am ----'phubbing' — snubbing someone you're talking to, to look at a mobile phone.'**

*[We encourage parents to continue the discussion....]*

#### **Acknowledgement to:**

- Frensham and Gib Gate riders selected to represent NSW at the **2018 Australian Interschool Equestrian Championships** to be held in Victoria in September: Grace Mackenzie, Amy Thompson (Year 9); Sophie Hatch, Emily Baldwin (Year 10); Emily Gubbins, Charlotte Lalak (Year 11); April Stokman, Elysia Horan (Year 12); Alexandra Inglis and Elizabeth Taylor (Year 6), Sophie Baldwin (Year 5);
- Kora Fripp (Year 11) – the first student to present a series of images for the **'new' Dining Room art gallery** – a compilation of photographs submitted by girls from across the School; and to Mr Phil Alldis, Head of Visual Arts/Design/Technology who followed up with a collection of 120 images of student artwork and design pieces from 2015;
- All teachers and presenters involved in this week's **residential three-day Global Forum** for Year 9 – *for a full report in the next Newsletter*;
- Antoinette Inglis - placed 15<sup>th</sup> in the **NSW All Schools Cross Country Championships** and now training as a member of the NSW State team for the National Championships;
- **Mock Trial** (Year 11) team members – now in the final 32 of a 240-school, state-wide competition, with finals (Elimination Rounds) continuing this term.

#### **Upcoming events – including Frensham Parent Information Sessions 2018**

- **Cooma** Wednesday 15 August [6.00pm-8.00pm]
- **Year 9 Parent Weekend** – and HSC Visual Arts and Design and Technology Exhibition [and Years 8-9 Production] – Saturday/Sunday 1-2 September
- **Head's Tour (Frensham)** – Saturday 1 September (1.00pm-3.00pm). Current parents welcome to accompany interested families.
- **Frensham Father ~ Daughter Ball** – Saturday 1 September
- **Singapore** Tuesday 11 September [6.00pm-8.00pm]
- **Scone** Wednesday 12 September [6.00pm-8.00pm]
- **Hay** Wednesday 14 November [6.00pm-8.00pm]

#### **Counselling Services at Frensham – an holistic approach to mental health and wellbeing**

Emotional and physical health and happiness is the first of six statements that form Frensham's Mission and Values: providing a caring and supportive environment in beautiful surroundings close to nature, and encouraging a sense of wellbeing through teamwork, friendship, self-management and tolerant beliefs.

The short paper that will be emailed to Frensham parents this week, is designed to assist parents, staff and students to understand and support the policies and processes in place at Frensham in 2018 – at a time in history – across the world - when Schools are being called upon to respond to what is being described as a 'crisis in mental 'ill-health' amongst children and young people. Skills such as emotional expression, empathy, resilience, determination, self-esteem and mindfulness, hope and humour, have become a non-negotiable foundation to combat a widening array of deep-seated problems – from teenage pregnancy, obesity and poor parenting to mental ill-health, unemployment and low educational achievement. [Important to note is that research into interventions that work in the School setting is in its infancy i.e. there is little evidence of the positive or negative impact of *programmes* or *systems* aimed at improving children's emotional well-being.]

**Julie A Gillick**  
Head of Frensham  
Head of Frensham Schools

## Parent / Community News

### Frensham Advisory Committee 2018

Mrs Caroline Begg	<a href="mailto:r-cbegg@bigpond.net.au">r-cbegg@bigpond.net.au</a>
Mr David Cullen	<a href="mailto:david@oakstand.com.au">david@oakstand.com.au</a>
Ms Ruby Curtis	<a href="mailto:44ruby@gmail.com">44ruby@gmail.com</a>
Mrs Penny Hanan	<a href="mailto:pennyhanan@mac.com">pennyhanan@mac.com</a>
Mrs Kiki Hill	<a href="mailto:kikihill64@gmail.com">kikihill64@gmail.com</a>
Mrs Erica Holcombe	<a href="mailto:erica@dc-it.com.au">erica@dc-it.com.au</a>
Mr John Hopkins	<a href="mailto:hopkinspastoral@bigpond.com">hopkinspastoral@bigpond.com</a>
Mr Simon Logan	<a href="mailto:simez@bigpond.com">simez@bigpond.com</a>
Mrs Angela Macken (Sec)	<a href="mailto:themackenfamily@gmail.com">themackenfamily@gmail.com</a>
Mrs miChelle McGufficke	<a href="mailto:milliefarming@activ8.net.au">milliefarming@activ8.net.au</a>
Mrs Nicola Robertson	<a href="mailto:nicola@nicolarobertsonots.com.au">nicola@nicolarobertsonots.com.au</a>
Ms Jo Thomson (Chair)	<a href="mailto:j.thomson@tpg.com.au">j.thomson@tpg.com.au</a>

### Gib Gate Advisory Committee 2018

Mrs Sara Moylan (Sec)	<a href="mailto:saralmoylan@gmail.com">saralmoylan@gmail.com</a>
Ms Rowena Bendror (FOGG)	<a href="mailto:sales@littlestepsonline.com.au">sales@littlestepsonline.com.au</a>
Mrs Chelsea Doyle	<a href="mailto:chelseakdoyle@gmail.com">chelseakdoyle@gmail.com</a>
Mr David Griffin (Chair)	<a href="mailto:david.griffin291@gmail.com">david.griffin291@gmail.com</a>
Mrs Kate Iori	<a href="mailto:kateiori@hotmail.com">kateiori@hotmail.com</a>
Mr Trent Johns	<a href="mailto:trent@theimperial.com.au">trent@theimperial.com.au</a>
Mrs Tanya Gregory	<a href="mailto:tanyajgregory@gmail.com">tanyajgregory@gmail.com</a>
Mrs Denise Telford	<a href="mailto:denise.telford@gmail.com">denise.telford@gmail.com</a>
Mrs Lucy Wilson	<a href="mailto:luluwilson@live.com">luluwilson@live.com</a>

### TERM DATES 2018 – Gib Gate and Frensham & PARENT WEEKENDS

#### Term 3

Gib Gate & Frensham

**Term ends Thursday 27 September, 3.00pm**

**Year 12 Dinner – Parents and Girls is that evening**

#### Term 4

Gib Gate: Monday 15 October-Friday 7 December

Frensham: ends Sunday 9 December 12.00pm (after 11.00am Carol Service)

**(Boarders always return evening before classes start)**

#### Term 3:

Year 11 \*Saturday 11 August - \*\*Sunday 12 August

[Year 10 Saturday 11 August – Year 10 planning for Senior Studies (with parents on Saturday)]

Year 9 ^ Saturday 1 September-Sunday 2 September

[Date aligned to HSC Visual Arts/Design Tech Exhibition and Father-Daughter Ball]

**Above for attendance of all students Years 7-12**

### SPECIAL EVENTS – Term 3

**\*Saturday 11 August - Annual Dinner – WWS Foundation**

**\*\*Sunday 12 August - Official Opening of the Frensham Dining Room**

**^Saturday 1 September - Father~Daughter Ball**

**^Saturday 1 September - Head's Tour of Frensham**

### Ranier Uniform Shop ~ 2018

**All fittings for uniforms are by appointment, during shop hours: Mondays and Thursdays 12.00pm-5.00pm**

Shop Manager: Mrs Michelle Wynn. To order items, please call the Shop: (02) 4860 2136 [BH], email: [frensham@ranier.com.au](mailto:frensham@ranier.com.au)

### TERM DATES 2019 - Gib Gate and Frensham

#### Term 1

Gib Gate & Frensham

**Thursday 31 January-Thursday 11 April, 3.00pm**

**(Boarders always return evening before classes start)**

#### Term 2

Gib Gate & Frensham

**Monday 29 April -Thursday 27 June, 3.00pm**

(Year 10 Work Experience ends Friday 28 June)

**(Boarders always return evening before classes start)**

**\*Queen's Birthday Long Weekend\***

**Frensham Travel Day added from 2019** (to align with our current scheduling at the ends of Terms 1, 2 and 3 (and at Easter when it falls in term time – to assist with travel home)

**Departure: Thursday 6 June, 3.00pm – all students**

**Gib Gate** (no change to current schedule)

Long Weekend Departure: **Friday 7 June, 3.00pm**

#### Term 3

Gib Gate & Frensham

**Tuesday 23 July-Thursday 26 September, 3.00pm**

**(Boarders always return evening before classes start)**

#### Term 4

Gib Gate: Monday 14 October-Friday 6 December, 3.00pm

Frensham: Monday 14 October-Sunday 8 December 12.00pm (after 11.00am Carol Service)

**(Boarders always return evening before classes start)**

## 2019 PARENT WEEKENDS – Confirmed dates for attendance of all students Years 7-12

### Term 1:

Year 7 Saturday 2 March-Sunday 3 March  
Frensham Open Day – Saturday 2 March

Year 10 Saturday 16 March-Sunday 17 March

### Term 2:

Year 8 Saturday 18 May-Sunday 19 May

Year 12 Saturday 1 June-Sunday 2 June  
WWS Birthday – Friday 31 May  
Frensham's 106<sup>th</sup> Birthday – Sunday 2 June

### Term 3:

Year 11 Saturday 10 August-Sunday 11 August  
 [Year 10 Saturday 10 August – Year 10  
 planning for Senior Studies (with parents on  
 Saturday)]

Year 9 Saturday 31 August-Sunday 1 September

### AND – special Term 1 event:

**Back-to-Frensham Weekend  
 Fellowship Centenary  
 Saturday 6-Sunday 7 April**

**Reminder – all of Years 7-12  
 attend Open Day  
and attend all Parent Weekend Services**



<h1>FRENSHAM</h1>	<h2>2018 PARENT INFORMATION EVENINGS</h2>
<p><b>HEAD'S TOUR</b>  <b>Saturday 1 September</b>, 1.00pm-3.00pm                  Information session and led tours                  Please register online @  <a href="http://frensham.nsw.edu.au/admissions/sample-frensham/heads-tour">frensham.nsw.edu.au/admissions/sample-frensham/heads-tour</a></p>	<ul style="list-style-type: none"> <li>» <b>Cooma</b>      <b>Wednesday 15 August</b></li> <li>» <b>Singapore</b>      <b>Tuesday 11 September</b></li> <li>» <b>Scone</b>      <b>Wednesday 12 September</b></li> <li>» <b>Hay</b>      <b>Wednesday 14 November</b></li> </ul> <p>Please register online @  <a href="http://frensham.nsw.edu.au/admissions/sample-frensham/parent-info">frensham.nsw.edu.au/admissions/sample-frensham/parent-info</a></p>
See details: <a href="http://frensham.nsw.edu.au/admissions/sample-frensham">frensham.nsw.edu.au/admissions/sample-frensham</a> or email <a href="mailto:cmccormick@frensham.nsw.edu.au">cmccormick@frensham.nsw.edu.au</a>	

### **Myee Clohessy (1986)**

Born in Sydney, Myee began the violin aged 10 with Ernest Llewlyn. She attended Frensham from 1980 to 1986 and was awarded an Iris for Music in 1986.

Myee went on to study with Alice Waten at the Hong Kong Academy for Performing Arts and David Takeno at the Guildhall School of Music in London. Whilst based in Europe, Myee was Concertmaster of the Jeunesses Musicales World Orchestra for two years, won 1st Prize at the Royal Overseas League Competition in London and held Principal positions with the Trondheim Symphony Orchestra, Norwegian Radio Orchestra and Arctimus Piano Quintet.

Since returning to Australia in 2002, Myee has toured with the Australian Chamber Orchestra and Australian Brandenburg Orchestra, recorded regularly for ABC Classics, toured extensively with Acacia Quartet and since 2015 has been the Artistic Director of the Bowral Autumn Music Festival.

An outstanding teacher also, Myee is a member of Frensham's Music Tuition staff, with a Studio in Glenn Music Centre.



Myee, pictured third from left with the Acacia Quartet and Lyle Chan (composer) at Bowral Autumn Music Festival

For a full list of events and Reunions, please visit: [www.frensham.nsw.edu.au/community/fellowship](http://www.frensham.nsw.edu.au/community/fellowship)

# ANNUAL FOUNDATION DINNER 2018



The **Silent Auction** is online and available for bidding: [www.wwsfoundationauction.com](http://www.wwsfoundationauction.com). Have a browse at what is on offer. Whether you are coming to the dinner or not you can still bid online. Some of the items include .....

Halvorsen Initial Design Consultation + bathroom or kitchen design. Value: \$2800  
Donated by Halvorsen Interiors



Cuttaway Creek hamper of yummy goods. Value: \$200  
Donated by Cuttaway Creek Raspberry Farm

Collette Dinnigan Pink & White Mystical Vine, silk & linen. Value: \$400 (right)

Collette Dinnigan Embroidered Maxi Dress (in white), linen. Value: \$600 (far right)  
Donated by Collette Dinnigan



2 nights in beautiful Bunya House, Bowral, sleeps six people. Value: \$1200  
Donated by Camilla Creswick



Apple iPad WiFi + Cellular 32 Gold (6<sup>th</sup> Gen) 9.7" Retina Display. Value: \$699  
Donated by Nick Holcombe & Dorchester Computing Pty



Helicopter joy ride and lunch at Bendooley Estate for four people. Value: \$1000  
Donated by Kenny Arnott & Paul Berkelouw of Bendooley Estate

FOGG (Families of Gib Gate) and Class Representatives (Chair, Mrs Rowena Bendror) and the Gib Gate Advisory Committee (Chair, Mr David Griffin) provide invaluable support to staff in the running of events and by contributing important feedback with regard to School policies and procedures.

At the Term 3 FOGG meeting, Class Representatives and parents were thanked for their support of the Gib Gate Canteen at the recent Athletics Carnival and throughout the Winter Soccer season. Next week, we are looking forward to the Term 3 Advisory Committee meeting where future ICT and Curriculum innovations will be discussed. I have outlined below, for all parents, recent updates regarding the implementation of Computational Thinking at Gib Gate.

From Kindergarten to Year 6, all Gib Gate students participate in weekly coding lessons where students engage in computational thinking, design and reasoning to create their own games and problem-solving challenges.

- Students in Years 4 and 5 participate in an intensive, week-long coding experience, immersing themselves in the challenging process of creating their own App for a mobile device.
- Stage 1 students are also expert programmers, using coding to plan paths for 'Beebot' robots, designing maps on ipads, creating an App and programming a virtual Beebot to follow designated routes.
- Year 2 Robotics students are currently preparing for participation in the annual First Lego League Junior competition - the 2018 Mission Moon Challenge - where they are engaged in developing solutions to real-world issues. Past challenges in this competition included topics such as nanotechnology, climate, and transportation. Engaging in the design process, the students are challenged to create a poster and working model to communicate their thinking, learning engineering and programming skills along the way.
- The Senior RoboCup Team is currently preparing for three days of intense competition in Canberra, where they will pit their robots and programming skills against other students, supported by Australian National University Robotics student mentors, before progressing to the National RoboCup competition in Melbourne.

### **Ms Sally Robson, Head of Gib Gate**

#### **Curriculum Highlights 2018**

##### University of Wollongong 'Little' and 'Early' Learning Labs Vacation Programme

During the July vacation, a number of Gib Gate students were selected to attend a variety of two-day workshops run by University lecturers on a range of topics. Mathilda Muir and James Macpherson (Year 1) immersed themselves in historical inquiry through 'Exploring Ancient Egypt'; Oliver Linde (Year 5) developed his knowledge and understanding of Physics in 'May the force be with you' while Sophie Goodisson (Year 5) spent the two days surrounded by those who love to put pen to paper in her chosen 'Inspired Creative Writing' programme. Students regularly take the opportunity to apply for these workshops which are offered during school vacations at the Wollongong University campus, and always return remarking 'it was the best fun!' Information about the upcoming January 2019 programme will be sent to parents shortly.

##### Teaching Kids to Code - ScopeIT Education Programme

Students from Kindergarten to Year 6 have enjoyed their first two Wednesdays of learning in our ScopeIT programme. 'Teaching Kids to Code' is about providing a fundamental set of skills and developing logical thought process techniques. At Gib Gate we have chosen this course not solely for the pursuit of 'tech' knowledge, but as a complementary set of skills to develop students' thinking across all curriculum areas. Teaching students to code encourages them to acquire a structured methodology of learning, logical thought process, problem solving and collaborative teamwork, to name but a few skills. This collection of elements is often generalised as 'algorithmic thinking'. We like to term it 'Teaching Kids to THINK ... by Teaching Kids to Code'. Parents are invited to learn more about our learning providers at: [www.scopelTeducation.com.au](http://www.scopelTeducation.com.au)

### **Ms Kate Chauncy, Director of Teaching and Learning, P-12 and Coordinator of Gifted and Talented Programmes**

#### **Enrichment/Activities**

##### **Performance Opportunities**

Gib Gate provides many performance opportunities for students during the year. The Friday Performance Assemblies provide a supportive opportunity for musicians to perform for the whole school. There are two Soirée evenings in which individual students from Years 5 and 6 are invited to perform. This week's Term 3 Soirée was a great success with over 25 student performances on piano, violin, viola, saxophone, clarinet, drums, voice and cello. Students enjoy the opportunity to perform in the evening in this formal recital context. The high standard of performances, the result of increased emphasis on practice in homework goals, has been noted by parents and Tutors this year. There will be another Soirée in Term 4.

### Book Week celebrations

On Monday 13 August, Preschool to Year 6 students have an author/illustrator visit by Juliette MacIver and Sarah Davis who publish popular picture books including *That's NOT a Hippopotamus*.

The students are excited about the Dress-Up Day on Wednesday 15 August. There is a character Dress Up Parade for all students in Preschool to Year 6. The Parade starts at approximately 9.00am in the School Hall. Students are to come to School dressed as a character from one of their favourite books. Following the Parade, there will be a morning tea for the whole school served in the courtyard and parents are welcome to join us for the parade, morning tea and the book fair. On Wednesday 16 August, the annual Gib Gate Book fair will be held in the Library from 8.00am-4.00pm. Books may be purchased for home and/or donated to the School Library.

### Gib Gate Senior Musical

The annual Senior Musical Production was announced last week. Years 3 to 6 students will be performing *Madagascar Jnr* this year. Students are excited to be presenting a musical that is based on such a well-loved movie and look forward to learning the script, songs and dances. Performances are early in Term 4.

### **Mrs Anne Graham, Gib Gate Coordinator (Administration)**

### **Sport**

#### Athletics

Last Friday, Gib Gate held its Years 2-6 House Athletics Carnival. The day was breezy but sunny and there were some excellent performances in all events. Jamieson House narrowly won the day, with Wilson House running a close second. A strong team of athletes was selected to compete at the SHIPS Carnival this week and a team will be selected to compete at the IPSHA Athletics Carnival in Week 6. We congratulate all the athletes selected and wish them every success. Athletics training continues on the Gib Gate Oval on Tuesday and Thursday mornings from 8.00am.

**Right: Sylvie Potgieter (Year 6) won a closely contested U11 Girls 100metre final with a time of 13.75sec**



### **Mr Michael Standen, Coordinator of PE and Sport**

### **Preschool (Pre-Kindergarten)**

On Sunday morning, Preschool families came together for the FOGG (Families of Gib Gate) Preschool Picnic at Mount Alexandra. This was an enjoyable way for families to meet each other in a relaxed environment. Students enjoyed exploring the park, feeding the ducks, riding scooters and playing on the equipment while parents met and chatted over homemade muffins and sausages. Mrs Loker's dog, Charlie, became a popular attraction as the children took turns walking him around the lake. As pets have been an interest in Preschool, the children already felt they knew Charlie and were quick to try to get him to do some tricks. Family gatherings assist in creating a sense of belonging and an understanding of the reciprocal rights and responsibilities necessary for active community participation. We were encouraged that so many Preschool families supported this initiative by Gib Gate.

### **Mrs Tinna Loker, Preschool Coordinator**

**FRIENDS OF STURT**

*Denise Sumner (President), Penny Hoskins (Secretary), Ruth Wright (Roster Secretary), Joan Dinning, Bill Dinning, Anne Thomson, Julie Musgrave, Michael Harris, Libby Hobbs, Jill Dyson*

**Country – Ancient Lands**

Our new exhibition opened on Sunday 5 August with an appreciative crowd in attendance to hear a fine opening speech by Dr Julie Bartholomew, Head of Ceramics at ANU School of Art and Design.

It was a busy weekend at Sturt, with three different workshops in tool restoration, natural dyeing and ceramic relief work, in addition to a new exhibition.

**Sturt Summer School 3-7 January 2019**

Sturt Summer School offers 24 week-long courses for adults across all mediums and abilities. With accommodation and meal packages, daily talks and special functions (including an end of week party), Sturt Summer School has become the most successful event of its type in Australia. So come to the Southern Highlands this summer and get creative. Daily courses for children are also available. The course list is now online at [www.sturt.nsw.edu.au](http://www.sturt.nsw.edu.au)

**In These Hands - tour**

Our recent highly successful exhibition, "In these hands", developed in partnership with Ernabella Arts, will continue touring during 2018/19. Having exhibited at Craft ACT in Canberra in May and June, the exhibition will move on to the Australian Design Centre, Sydney from 5 October to 14 November, followed by JamFactory, Adelaide (Seppeltsfield venue) from 30 November to 10 February.

**Short Courses**

**The next weekend of Short Courses will take place on Saturday 23 and Sunday 24 September, 9.30am-4.30pm**

Courses include:

Working with porcelain with Avi Amesbury [Level: Some experience. Cost: \$300 + materials \$TBA]

The workshop will focus on the use of porcelain and a combination of ceramic techniques to explore storytelling through connection to country. We will explore form by combining slab, stamping, hand-building and slip-casting techniques and investigate the use of found materials from the natural environment as an expressive language. Avi will demonstrate making plaster stamps, rolling slabs from a full bag of clay and stamping techniques. Participants will learn processes for test-firing found materials, and create works using these various processes and techniques. **Avi Amesbury** received a Bachelor of Visual Arts (Ceramics) with Honours from the Australian National University, School of Art in 2002. She was awarded a scholarship in 2000 through the ANU International Exchange Program and undertook studies at Hong-ik University in Seoul. Her work has been selected for national and international exhibitions including the International Triennial of Silicate Arts, Ceramica Multiplex, the Sidney Myer Fund International Ceramic Award and the Gold Coast International Ceramics Award. In 2017 she was International Artist-in-Resident at the Benyamini Contemporary Ceramic Centre in Tel-Aviv.

**Our current exhibition...****Country – Ancient Lands - 5 August to 16 September**

A new exhibition of ceramics by Avi Amesbury reflects dramatic landscape and connection to country. Growing up on the edge of the desert in Western Australia, Avi Amesbury's childhood was filled with experiences of the landscape – intense heat and aridity, immense summer thunder and lightning storms, a horizon that went on forever, the endless stars. Over the years Amesbury has lived in many different places and each landscape has offered her an insight into the world in which she lives, and for which she feels deeply. The new work in this exhibition draws inspiration from the Australian landscape and the Artist-in-Residence undertaken at the Benyamini Contemporary Ceramics Centre in Tel Aviv, Israel in 2017. Amesbury forages materials – mostly clays dug from a variety of locations, but also volcanic rock ash, seaweed and sea sponges – and uses these materials as an expressive language to talk about ancient lands and connection to country.

**Our next exhibition...****A visual feast – two artists and a chef - 23 September to 12 November**

Paintings by Juliet Holmes à Court and sculptural vessels by Ruth Levine, responding to recipes by chef, James Viles (Biota).

See [www.sturt.nsw.edu.au](http://www.sturt.nsw.edu.au) for full details of all Sturt courses, exhibitions, residency programmes and events.

To make a booking or enrolment, call Sturt Shop on +61 2 4860 2083 or email [shop@sturt.nsw.edu.au](mailto:shop@sturt.nsw.edu.au)

**Mr Mark Viner, Head of Sturt**

## Deputy Head

This coming Saturday, Year 10 parents and students are meeting in Clubbe Hall to discuss the senior studies programme at Frensham. This is the first stage in preparing Year 10 students to make their HSC Subject choices in preparation for Years 11 and 12. There are a range of factors to consider when selecting a programme of study in Stage 6. These include consideration of post-School pathways and future aspirations, and also those factors highlighted in Frensham's mission statement relating to broad experience, individual growth, and health and happiness in the pursuit of excellence. The meeting is designed to allow students and parents to receive the information and to ask the questions they need answered to inform their choices.

Although subject choices are the main focus, we are also interested in working with parents to develop the character traits that we think are important for all our students. By focusing on grit, creativity, curiosity, self-control, resilience and optimism, we aim to instil in our students both the confidence and skills to influence others with integrity and ethics and to be able to make hard decisions that improve outcomes for themselves and others. We want our students to be active in assuming personal responsibility for both success and failure.

Our hope is that by influencing the development of these important character traits we are able to prepare our students to make a difference in tomorrow's world.

Mr Geoff Marsh

## Boarding News

### Sydney Bus pick-up and drop-off point

Due to the Light Rail work in Eddy Avenue at Central Station, the Frensham pick-up and drop-off point for the Sydney bus has been moved to the Western Forecourt upstairs, Bay 1. We will send details to all in a separate email.

## Exeats - Boarders

Parent reminder: Weekend Exeats for Full Boarders are due for submission by Friday lunchtime. Please email the Exeat Form to [boarding@frensham.nsw.edu.au](mailto:boarding@frensham.nsw.edu.au). A copy of the form is available in the Parent Forms section on Schoolbox. Your assistance with this is greatly appreciated. For Weekly Boarders not going home on a weekend, the details of where your daughter is travelling is to be noted: also by email: [boarding@frensham.nsw.edu.au](mailto:boarding@frensham.nsw.edu.au)

## Devices in the House

All are aware that research confirms the direct negative impact of excessive use of technology on sleep quality, mental health, coping mechanisms and self-esteem. Specifically, it has identified the correlation between screen time and sleep deprivation due to the effects of both 'blue light' which suppresses melatonin, and cognitive arousal due to the social interaction of technology. Our daily procedures support the girls in managing their use of devices. In the Junior Houses, girls in Years 7 to 9 hand their laptop in after Prep and their phones prior to the beginning of the nightly bedtime routines. Girls with additional devices, including tablets (iPads or Galaxy Tabs etc) iPods or 'an old phone', also hand in these devices at the end of each day to ensure that every girl's sleep is optimal. If you are become aware of any misuse of technology by your daughter, please alert us immediately so we can address the matter, with you, in support.



Left:  
Year 11 students  
enjoying their Barista  
Course on Sunday 5  
August

Mrs Tanya Vaughan, Director of Boarding and Ms Amanda Graham, Deputy Head of Boarding

## Director of Teaching and Learning

### The Frensham Hypatian\* Society – Years 7 and 8, Semester 2

The Hypatian Society offers students the opportunity to explore and debate the big ideas of world history, from fields as diverse as philosophy, art, politics, theology, literature, science and psychology. In a weekly discussion group, held on Thursday afternoons from 4.00pm-5.00pm, and led by Ms Chelsea Wallis (Chair), members grapple with questions such as 'What is a good life?', 'Is justice possible?', 'How should society be governed?', and 'What is truth?', whilst developing skills to effectively express, justify, and defend their opinions to their peers. Having begun by investigating the ideas of the three giants of Ancient Greece - Socrates, Plato, and Aristotle - the programme continues with Ancient Rome, Early Christianity, the Renaissance, and the Enlightenment. By sampling the breadth of these great ideas across human history, students are presented with the opportunity to enrich their understanding of society, and of their own place within it.

Year 7 members who have joined the Hypatian Society through their independent application include Lucy Arnott, James McBride, Elizabeth Nesci, Eliza Mulligan, Summer Oxley, Sissy Fairrie, Matilda Damiani, Amelia O'Shanassy and Savannah Linde. The Year 7 programme will conclude in Week 5 and the Year 8 programme will begin in Week 6. Interested Year 8 students have completed their independent applications.

\*Hypatia (355-415), was a mathematician, astronomer, and philosopher who lived in a very turbulent era in Alexandria's history. She is the earliest female mathematician of whom reasonably detailed knowledge exists of her life and work.

*Reserve your right to think, for even to think wrongly is better than not to think at all.*

### University of Sydney G&T Science Discovery Programme 2018

Invited by USYD after attaining highest scores in USYD Examination in November 2017 (open to Years 8 and 9 students 2017) Year 9 students 2018, Grace Lewis, Emilie Hassall, Eleanor Swan, Lilith Parker and Caitlin Quinn spent three days in July at the University's Camperdown Campus. Here they met and listened to distinguished USYD scientists including Professor Dean Rickles, Mr Adam Spencer and Dr Caleb Owens. The girls attended lectures, participated in laboratory sessions and solved challenges with the Young Scientists of Australia (YSA) group. Activities included: How to be a Physicist: tools and tricks that physicists use to explain the phenomenon we see; Stretching Stuff, Smashing Stuff, Exploding Stuff: all in the name of Chemistry; Dirt and Cabbage: using natural materials to chemically analyse the earth and environment; Veterinary Challenge: using problem solving and practical skills to diagnose and treat veterinary cases; Protein Power, where the students learned about recombinant protein expression by purifying and characterising a protein themselves; Squirtle for president: Who will you elect? and First-hand: the maths of collective decision-making.

Natasha Long (Year 9) also attended the University of Sydney for the two day Explore Engineering Winter School, where she discovered the diversity within the Engineering Faculty and was immersed in the Software Engineering programme mentored by USYD Engineering students. A highlight was travelling into the Sydney CBD to Google headquarters to explore what software programmers 'do' in their real-work environment. Natasha was joined by Harriette Beedle (Year 10) at the University on Friday 20 July for a full-day programme on Civil Engineering for high school students, where they learned about exciting pathways within the Engineering Faculty. Both Harriette and Natasha are at present undertaking the Harvard University CS50's *Introduction to Computer Science* self-paced course, which is an online introduction to the intellectual enterprises of computer science and the art of programming. This course is part of their Personalised Learning Programme, supervised by Ms Wendy Rowan, in which the girls are learning to think algorithmically and solve problems efficiently. Topics include: abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development using the languages of Python, SQL, JavaScript plus CSS and HTML. The problems set are inspired by the real-world domains of biology, cryptography, finance, forensics and gaming.

### Forensic Science Camp for Gifted and Talented Students in Year 8 held at The Armidale School

Through their independent application, supported by the School, Year 8 students Sophia Brooks, Georgia Day, Zoe Gallagher, Olivia Laverty and Mia Shakeshaft were selected to attend this annual July vacation, five-day residential camp. Also attending the camp was Grace Lewis (Year 9, 2018 and Year 8 participant 2017) who was selected through her independent application to be a peer mentor ('Controller') at this year's programme. On arrival the girls started solving a complex mystery – locating, collecting and analysing evidence, using authentic forensic scientific methods, and sorting facts and red herrings. Upon their return, the girls enthusiastically recommended the learning experience to interested Year 8 students. One student commented: "From new experiences to meeting new people, the TAS forensic camp was an overall amazing opportunity that I will remember forever, as it gave me a taste of my dream job, a forensic investigator."

**Ms Kate Chauncy, Director of Teaching and Learning P-12; Coordinator of Gifted and Talented Programmes P-12**

## Director of Studies

Year 12 students are now in the second week of the Trial HSC Examination period and on the Monday prior to returning to normal classes next week, they will attend a Study Skills Seminar. This session will be conducted by Elevate Education as a means of consolidating and refining students' practical skills and study strategies for HSC examinations. This is an opportunity to reflect on how effective their strategies were in preparing for the Trial examinations. Additionally on this day, students will have time to work on Major Works and to organise and consolidate particular areas of study, in the lead-up to their remaining weeks in class. These weeks involve completing Major Works in English Extension 2, History Extension, Visual Arts and Design and Technology, rehearsing for group and individual performances in Drama, and completing compositions and practising for Music performances.

For all Year 12 students, Term 3 is a time for actively consolidating teacher feedback from the Trial examinations, finalising coursework and preparing a comprehensive revision programme in preparation for the HSC examination, which commence on Thursday 18 October, the first week of Term 4. The School will be encouraging and supporting Year 12 students to manage their time well as they complete their final term of secondary school.

As part of the Year 11 Parent Weekend, discussions with teachers will be held, followed by the Year 10 Senior Studies Information Session. Year 10 students and their parents will have an opportunity to listen to presentations covering Senior Studies, Higher School Certificate requirements and career support, as well as an opportunity to ask questions of senior staff in attendance.

## Ms Janene van Gogh, Director of Studies – in Residence

### English and Drama

#### Drama

This term, Stage 5 Drama students are engaging with issues found in Australian society through making, performing and appreciating the plays *Hitler's Daughter* (Year 9), adapted for the stage by Eva Di Cesare, Sandra Eldridge and Tim McGarry, and *Ruby Moon* (Year 10) by Matt Cameron.

In Year 9, students are focusing on scriptwriting conventions, characterisation and staging techniques in a small group presentation, and set design. Year 10 students move beyond realism and explore the techniques of significant non-realistic theatre practitioners. In pairs, they adapt their text for the stage by manipulating production elements to create dramatic meaning.

In Term 2, Year 11 Drama completed an extensive Director's Folio around their study of the Indigenous play *The Seven Stages of Grieving*. The students had to assume the role of director, taking into consideration all the elements of production when choosing and interpreting scenes while working with their actors in rehearsal. "The different assessment tasks in our course have helped considerably with my understanding of theatre and performance. The director's project in particular made me focus on the aspects of staging, lighting and making conscious decisions that I would not have considered previously." Adelaide Darvall

The final term of the Year 11 course consists of studying Absurdism as a theatrical style. The focus text is *The Zoo Story*, by Edward Albee.

- Charlotte Lalak said, "The play is really interesting with contrasting characters and the element of surprise."
- "I like Absurdism because it deals with non-naturalistic elements and concepts, the taboo in society and issues we don't always like to talk about." Attica Darling.

All students reflected on the benefits of workshopping texts with their peers and how improvising in front of them has increased their overall skills and confidence, providing an opportunity to develop valuable life skills.

#### **Save the Date!**

#### **Friday 17 August, 7.15pm in Clubbe Hall: HSC Drama Showcase**

Students will present their major works, including the Group Performance and Individual Projects in Performance and Design. The evening is an opportunity for HSC Drama students to showcase their talents on stage in preparation for their final Practical Examination.

## Mrs Sally Hannah, Head of Drama

## English

"I find the ICAS Competitions an excellent diagnostic tool as ALL students are encouraged to participate."

This week students from Years 7–10 sat the ICAS English Competition, which assesses reading and language skills in a range of contexts. The aim of the English Competition is to engage and educate students as they are being tested. While the competition is a snapshot of the students' capabilities at a particular time, and thus should not be regarded as a full assessment of their skills, it does contribute to the bank of formative assessment data that informs the focus and direction of an individual student's learning, in order to improve her skills.

The English Competition test papers are composed of a variety of texts to which students respond by answering multiple-choice questions that require them to locate, identify, sequence, explain, interpret, analyse and infer information in and about texts. Types of texts include extracts from picture books, short stories, novels, poems, play scripts, transcripts of interviews, letters, diary entries, advertisements, webpages, feature articles, opinion pieces and comic strips, and may include tables, diagrams, maps and other visual information. The English Competition not only assesses reading skills across a wide range of text types but also across a wide variety of subject matter, which may include science fiction, fantasy, myth, legend, opposing viewpoints on medical or ethical issues, and biographies of controversial figures. Texts from writers and writing from and about a range of different cultural and national backgrounds are also included in the Competition.

Within each paper, as well as from year to year, and as the student progresses through school, the texts increase in complexity moving from simple texts dealing with familiar subjects and topics to complex texts discussing abstract concepts and using sophisticated language structures. In completing the Competition test paper, students are required to demonstrate: text comprehension in literary and factual texts; understanding of the writer's craft in selecting particular text types, vocabulary and techniques; and appreciation of the capacity of syntax and vocabulary to convey meaning.

ICAS tests, devised and administered by UNSW Australia, are used by schools in 20 countries as a diagnostic tool that provides insight into the students' higher-order thinking and problem-solving skills. In enabling schools to identify patterns of strength and weakness at a whole school, year group and class level, the results of the test assist in the targeting of teaching programmes, and thus provide a valuable resource for teachers, parents and students.

### **Ms Jennie Mickle, Director of English**

## **French**

Last Wednesday, Frensham's HSC French candidates welcomed French students and teachers from Oxley College for an intensive Speaking Workshop in preparation for the HSC French Oral Examination, which will take place on Saturday 18 August at Smith's Hill High School in Wollongong. The girls were courteous and appreciative and acquitted themselves fluently in the language. They recounted interesting facts and opinions in response to questions about themselves, their homes, family, school, hobbies, past experiences and future plans and received feedback regarding areas for further improvement. Once this oral component of the HSC is completed, students then have approximately ten weeks to perfect their written expression in readiness for the remaining 80% of the paper which they will sit at the end of October.

In Years 7, 8 and 11, students are starting to prepare for the end-of-term examinations with an increasing intensity of focus and motivation in class and in Prep. The objectives for Years 9 and 10 are to tackle increasingly challenging grammatical constructions and incorporate them smoothly into their communications. Year 10 students will shortly be considering their options, including French, for 2019 Year 11 (Preliminary) study.

### **Mesdemoiselles Victoria Akins and Chelsea Wallis, Teachers of French**

## **Human Society and Its Environment (HSIE)**

### Year 11 Geography Field Trip to Minnamurra

Last week, Year 11 Geography students embarked on a two-part field trip to Minnamurra rainforest and Minnamurra Beach, part of the Killalea State Recreational Reserve. The focus of their investigation was biophysical interactions and what this concept looks like in real life. Students examined the nature of change over time through the biophysical interactions in the rainforest and the coastal environment and were able to see specific examples of the interactions. The field trip was a wonderful opportunity for students to examine the range of geographical environments in close proximity and an invaluable learning experience for all.

### Studies highlights

- Year 7 World Studies are examining landscapes and landforms. They have been examining the range of environments around the world and what makes them special and unique. Their focus is deserts and in the coming weeks, students will be examining the features that comprise desert environments.

- Year 8 World Studies have commenced their study of place and liveability. Students have been investigating what makes locations more pleasant and convenient for the people who live there, focusing on their own home towns and cities as examples. Over the next two weeks, they will be considering what features make a location liveable for different groups, focusing on liveability for the elderly.
- Year 9 students in Australian Studies have been investigating urbanisation, comparing life in cities with life in the country and identifying features of urbanisation in both Australia and abroad, particularly China. Students have started to analyse the different impacts of urbanisation for people and the environment and will continue to do this over the coming weeks. The Year 9 Elective History class is examining the popular culture of the 1980s as part of their unit on changing popular culture after the Second World War.
- Year 10 Australian Studies are examining environments, analysing the features and functions of a range of environments around the world. They consider the reasons for environmental change and how this can be managed effectively and sustainably, using the forests of the Southern Highlands as an example of an environment in the process of change. Year 10 Elective History are analysing different film representations of Queen Elizabeth I to draw conclusions about how and why there can be different representations of the past.
- Year 11 Modern History have commenced their examination of the First World War, identifying the long and short-term causes for the outbreak of the conflict. Ancient History students are continuing their study of slavery in the Roman world, using the Slave Revolt of Spartacus as an example of slavery in the Roman Republic. Year 11 Business Studies are continuing to examine the role of Small to Medium Enterprises (SMEs) in Australia, and the key influences on the start-up of an SME through a case study analysis of a café. Year 11 Economics are analysing the role of governments in economic processes, examining how and why a government becomes involved in the economy. Students will be moving into a case study of the Banking Royal Commission in the coming weeks. Students in Year 11 Geography are examining the role of biophysical interactions in shaping the coastal and rainforest environments.

### **Dr Stephen Clarke, Head of HSIE**

#### **Jamieson Programme**

- Year 7: In Frensham Studies, Year 7 is being supported by Mrs Buick to develop their study skills in preparation for the end-of-term examinations.
- Year 9: Last week, Global Perspectives students were given time to further progress their Group Research Project which is due for completion at the end of this term.

Students departed on Tuesday of this week for the 2018 *Global Forum*. The *Year 9 Global Forum* is one of the central components of the Jamieson Programme. The 2018 theme is: *'Making a Difference - Understanding my Place in the World'*. Thought-provoking guest speakers include Old Girls Ms Bianca Tini Brunozzi (2013) and Ms Annabelle Chauncy OAM, together with Dr Peter Anderson (UOW), Miss Abbey McCulloch (Sydney Swifts Netballer) and other guests, who will speak on a range of subjects. Hosting visiting students from Intensive Language Centres in Sydney, and interactive workshops and activities with senior teachers, are important aspects of this intensive three-day experience. Students will finish the Forum by creating beautiful Green Art in the Lower Holt. The evening Jamieson session will involve Outdoor Education Group (OEG) staff coming to Frensham to brief the girls on the upcoming Caving experience in Week 4.

### **Mrs Merrilee Harris, Head of Jamieson Programme**

#### **Latin**

Now that the HSC Trial Examinations are complete, the Year 12 Latin class is working to finish the last few sections of their HSC prose text, Cicero's *Pro Archia*. When these have been completed during the next few weeks, students will be able to concentrate on revision of both *Pro Archia* and Virgil's *Aeneid Book 2*, the poetry text. To assist with this revision, students have the opportunity to practice using past HSC Trial papers. A collection of Continuers and Extension Trial papers from various schools have been collated by teachers of Latin and shared via CD. This valuable resource allows students to practise grammar questions and both short-answer and extended-response questions on the texts, as well as passages from unseen Latin extracts – usually the most challenging. This revision process ensures that when students sit the HSC Examination they will have covered a wide variety of questions.

This term, Year 11 students are studying a selection of extracts from Virgil's *Aeneid Book 2*, in which Aeneas tells Dido, the Queen of Carthage, of the destruction of Troy. Studying these extracts introduces students to the epic poetry of Virgil and his literary style; and in addition, they learn how to scan the lines of poetry using the dactylic hexametre which is also in the HSC Latin syllabus.

### **Ms Liz Stephenson and Miss Victoria Akins, Teachers of Latin**

## Mathematics

Mathematics teachers often hear students express their feelings about Mathematics, especially when they feel under pressure or are heading into a particularly challenging time. As teachers, we are ready to leap into conversations to help students develop or maintain a positive mindset and we urge parents to engage in the same way! (We all get better by spending more time on the right areas for focus.) In our contemporary world, we are fortunate to be able (at the click of a mouse) to find out more. I have listed below some very interesting TEDx Talks that might assist parents in supporting students with the kind of learning conversations we have with students on a daily basis.

TedxTalk 1: *The Myth of a Maths Brain* by Jo Boaler. Jo's talk opens with: "What you have believed about your own potential has changed what you have learned, and continues to do that, continues to change your learning, and your experiences. So, how many people here – let's get a show of hands – have ever been given the idea that they're not a math person, or that they can't go onto the next level of math, they haven't got the brains for it? Let's see a show of hands. So, quite a few of us. And I'm here to tell you that idea is completely wrong, it is disproven by the brain science. But it is fueled by a single myth that's out there in our society that's very strong and very dangerous...and the myth is that there's such a thing as a 'math brain'. We don't believe this about other subjects. We don't think we're born with a history brain, or a physics brain. We think you have to learn those." This fascinating talk finishes with: "We all have to believe in ourselves to unlock our unlimited potential. Thank you." <https://www.youtube.com/watch?v=3icoSeGqQtY>

TedxTalk 2: *Five Principles of Extraordinary Math Teaching* (inviting thinking into the maths we do at home and at school) by Dan Finkel. Dan starts with: "A friend of mine told me recently that her six-year-old son had come home from school and said he hated math and this is hard for me to hear because I actually love math. The beauty and power of mathematical thinking have changed my life but I know that many people lived a very different story. Math can be the best of times or the worst of times, an exhilarating journey of discovery or descent into tedium, frustration and despair." Finkel outlines his five principles for enjoying mathematics: 1. Start with a question 2. Students need time to struggle 3. You are not the answer key 4. Say 'yes' to your students' ideas 5. Play. <https://www.youtube.com/watch?v=ytVneQUA5-c>

To quote Dan Finkel, "When we're not comfortable with math, we don't question the authority of numbers. But what's happening with mathematical alienation is only half the story. Right now we are squandering our chance to touch life after life with the beauty and power of mathematical thinking... we should examine what it looks like and a good place to start is with the words of the philosopher and mathematician Rene Descartes, who famously proclaimed, "I think therefore I am".

We know that we need to head towards our mathematics future with courage, curiosity and creativity.

### Ms Joanne Allison, Head of Mathematics

#### Mock Trial

The Frensham Mock Trial Team has successfully completed Elimination Round One of the NSW Law Society's Mock Trial Competition. The team competed against Holy Spirit College, Bellambi on 25 July, having defeated Oxley College by two points in the Round Robin. The contest against Holy Spirit College was hard fought and the Frensham team displayed extraordinary collegiality and support to ensure victory. Team members were Stella Leon and Adelaide Darvall as witnesses, Gina McGinnis as solicitor, Sophie McLean and Imogen Senior as barristers, and Gina Macken as magistrate's clerk. Sophie stepped into her role just two days before the trial, having never been a barrister before. She prepared well and was ably supported throughout the trial by her solicitor and second barrister. Both witnesses had learned their statements well and were prepared for cross-examination, whilst the whole team was aware of points at law. As magistrate's clerk, Gina performed with great composure. The Holy Spirit team was similarly well prepared and Frensham was awarded the win by just one point to proceed to Elimination Round 3, facing Chevalier College on Friday 17 August. Presiding magistrate was Mr John Patterson, who travelled from Canberra for the trial.

Frensham is one of 32 teams out of an original 240 remaining in the competition after the elimination rounds, and congratulations are due to each member of the team who has taken on her responsibilities in such a positive way. The team's solicitor, Mr Chris Jowett, who has been unwavering in his support and advice, has without doubt also been instrumental in their success.

The team is currently preparing for the 3<sup>rd</sup> Elimination Round, and, with consistent effort and enthusiasm and Mr Jowett's support, should perform very well.

### Ms Judy Bradley, Mock Trial Coordinator

## Music

Last week, many students preparing for their AMEB Examinations took advantage of Concert Practice in order to hone their programmes in front of a supportive audience. Frensham is currently hosting AMEB examiners in Woodwind and Strings.

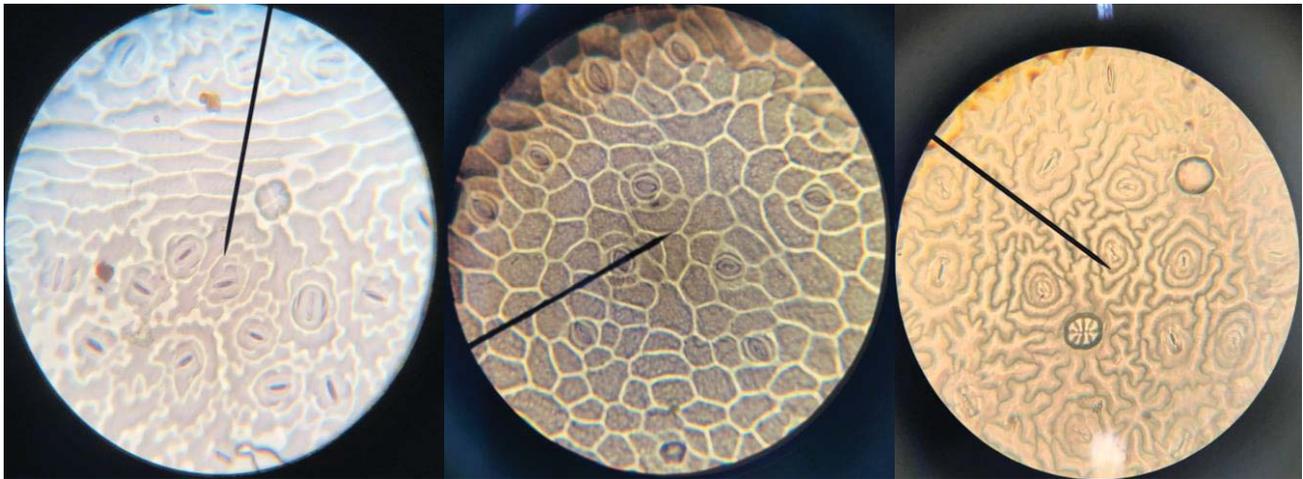
*Me and My Girl* is this year's musical and the audition process is almost complete. There has been a lot of interest from singers in Years 11 and 10, and those who are familiar with the show will know that this year's production will be great fun for all involved.

The public performance for HSC Music students is to be held in Clubbe Hall on **Friday 24 August at 7.15pm**. Family and friends of the performers are very welcome to attend. Two music students, who are also our best skiers, are unable to perform that night and will be presenting their HSC programmes at the alternate time of **Tuesday 14 August, from 4.00pm-5.00pm**. We are urging all to attend both Concerts - to provide a highly supportive performance context for our senior Music students.

**Mr Michael Spencer, Head of Music**

## Science

'Module 2 – Organisation of Living Things' in the new Biology syllabus allows students to study plants and animals and how they function. Gas exchange in plants occurs through a structure called the stomate. Each stomate is the opening to an air space located in the lower half of a leaf and is surrounded by two highly specialised cells called Guard cells. Year 11 Biologists have been studying stomates on leaves by painting clear nail polish on the underside of a leaf, waiting for it to dry and then peeling it off in a single sheet and looking at it under the microscope. This is a really successful technique and the girls took some wonderful photos down the microscope.



Stomates under the microscope



From left: Isabella Ross making her stomate slide; Kora Fripp and Amelia Hickson examining their slides under the light microscope

Year 11 Chemistry students are studying 'Module 3 – Reactive Chemistry' and are currently looking at factors that affect rates of reaction. Students have been carrying out experiments studying the effects of catalysts and particle size on reaction rate. Skills such as making accurate measurements, safe use and disposal of chemicals and careful following of instructions, are being developed through these activities.



From left: Alexandra Maciver measuring potassium permanganate; Noni Brittain and Olivia Salkeld; Amelia Hickson and Emily Gubbins heating

In the Recycling topic, Year 7 students have been studying mixtures. Over the next two weeks, they will learn different separation techniques, including sieving, filtration, sedimentation, decantation, centrifuging, evaporation and chromatography. Students will have the opportunity to design water filters to help clean dirty water for people in developing countries, using easily obtained substances.

Abbey McLeod and Summer Oxley holding kidney beans, rice and flour that have been separated using graduated sieves.



Mrs Alison Andrew, Head of Science

### PDHPE

The PDHPE syllabus strand, 'Movement Skill and Performance', aims to promote enjoyment and active participation in a broad range of movement contexts to develop skills and enhance performance. Students learn to appreciate the potential that movement offers in relation to personal growth and development as they interact with others, communicate, make decisions and solve problems in movement contexts. The practical components for each year group include:

- **Years 7 and 9:** Students are participating in a Lifesaving Unit to complete a nationally recognised qualification from the Royal Life Saving Society of Australia. This includes mandatory swimming, a variety of rescues and emergency care procedures.
- **Year 8:** Students are engaged in a practical unit that includes investigating the components of fitness and participation in competitive and non-competitive, individual and team physical activities to evaluate the degree to which they meet their needs and interests. Students discuss the benefits of physical activity as an integral part of a balanced lifestyle and explain how different strengths and abilities contribute to enjoyable and successful participation in physical activity.
- **Year 10:** This practical programme is based on a Sport Education model. It requires students to participate in a physical sense, and take responsibility for conducting the competition. This includes constructing the draw, timing, refereeing, scoring and determining the rules. Students have been grouped to manage all aspects of each session on a rotation basis.



Ms Janene van Gogh, Acting Head of PDHPE

## Sport

### Cross Country

Congratulations to Antoinette Inglis (Year 12) who competed at the NSW All Schools Cross Country Championships held at Eastern Creek on Friday 27 July. Antoinette placed 15<sup>th</sup> in the State in her age group.

### Hockey and Netball

Two rounds have been completed in this term's IGSSA Hockey and Netball competitions. This term we have two new coaches joining us. Madison Barton, who is playing in the Division 1 Illawarra Hockey Competition and has represented NSW, and is undertaking studies in Sports Coaching and Administration, is coaching the Year 7 Purple and Team 4 Hockey. Heather Smith has coaching experience in a variety of sports and is undertaking a Bachelor of Science Education degree at the University of Wollongong. Heather is coaching our Junior D and Team 5 Netball teams this term.

### Miss Erin Gray, Acting Head of Sport

### Equestrian

Emily Gubbins (Year 11) competed at the **Shoalhaven Dressage Event** on 24 July and placed 1<sup>st</sup> in the Young Rider/4<sup>th</sup> open in the open medium 4.2 dressage and 1<sup>st</sup> in the Young Rider/4<sup>th</sup> open in the open medium 4.3 dressage.

Interschools - Although we are still waiting on scores to be added before Equestrian NSW announces the Champion School Awards, we now have the remaining overall results from the **2018 NSW Interschools Equestrian Championships** held at SIEC at Horsley Park from Monday 16 to Friday 20 June:

Maya Basson (Year 8) - overall highest placed Off the Track (Jassanova) (dressage and show jumping). Amy Thompson (Year 9) - 6<sup>th</sup> overall secondary novice dressage (Mumbo Jumbo). Emily Gubbins (Year 11) - 5<sup>th</sup> overall senior elementary dressage (Tobias Barnbogle). Elysia Horan (Year 12) - 1<sup>st</sup> overall secondary senior preliminary dressage (Sir Sailor) & 5<sup>th</sup> overall secondary senior preliminary dressage (Ollie). Grace Mackenzie (Year 9) - 5<sup>th</sup> overall 80cm show jumping & 4<sup>th</sup> overall secondary intermediate preliminary dressage (Belcam Japan Conac). MacKenzie Johnson (Year 10) - 6<sup>th</sup> 1.00m show jumping (SS Rain Dancer). Emily Baldwin (Year 10) - 5<sup>th</sup> overall secondary 1.10m show jumping (Might Angus) and 4<sup>th</sup> overall 1.20m secondary show jumping (Twins Ava). Sophie Hatch (Year 10) - 2<sup>nd</sup> overall secondary 1.20m show jumping (Rosthwaite Belvedere). April Stokman (Year 12) - 5<sup>th</sup> overall 1.20m secondary show jumping (Quiz Star). Anna Rickwood (Year 9) - 4<sup>th</sup> overall 80cm secondary show jumping (Cameo).

Of these girls, the following have notified us that they have been selected to represent NSW at the **2018 Australian Interschool Championships** to be held in Victoria in September:

Grace Mackenzie (Year 9) – secondary 95cm combined training and secondary intermediate preliminary dressage 1.2 and 1.3 (Belcam Japan Conac). Amy Thompson (Year 9) – 6<sup>th</sup> overall secondary novice dressage (Mumbo Jumbo). Sophie Hatch (Year 10) – secondary 1.20m and secondary 1.10m show jumping (Rosthwaite Belvedere). Emily Baldwin (Year 10) – secondary 1.20m show jumping (Twins Ava). Emily Gubbins (Year 11) - secondary 80cm combined training and secondary elementary dressage and the secondary medium dressage (Tobias Barnbogle). Charlotte Lalak (Year 11) – secondary EvA 105cm (Koko Bean) and 2<sup>nd</sup> reserve for the same class (Topper II). April Stokman (Year 12) - secondary 1.20m show jumping (Quiz Star). Elysia Horan (Year 12) – secondary EvA 95cm & secondary senior preliminary dressage (Sir Sailor).

These riders, together with students from other schools, will represent NSW in competition against strong Victorian and Queensland teams for the Overall Champion Trophy.

**Right: Grace Mackenzie (Year 9)**

**Miss Victoria Akins, Equestrian Coordinator**



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## **Visual Arts/Design & Technology**

Presently, students studying Visual Arts are working on their Juxtaposition artwork, which is incorporating elements of drawing, painting and printmaking.

Students in Year 7 are developing and producing a painting, aiming to incorporate some of their core learning from Term 2 such as an applied understanding of colour, distribution of tone and principles of linear perspective. Loosely based on examples of Rene Magritte's Surrealist paintings, students have drafted an interior space with an oversized object within it. Using their imagination and perception, they must make a conceptual link between their chosen object and the environment within which it is situated. The students get to practise fine painting skills when rendering objects in a tonal manner to give them form.

Students of Year 11 Visual Arts are underway with their last unit of the Preliminary Course. An aim underpinning the practical component of the unit is for students to look afresh at what may possibly be thought of as common, mundane and banal objects that form part of their world. Students were required to select an object which fitted the description above, and photograph it in a highly creative manner, employing factors such as lighting, placement, cropping and repetition to add visual interest to images. A second stage of the task requires students to produce one more artwork in their choice of media. This artwork must have some visual and/or conceptual link to the object which they have photographed. Students are encouraged to think creatively and laterally when developing an idea for this artwork.

**Mr Phil Alldis, Head of Visual Arts and Design**