



PERTH MODERN SCHOOL

Exceptional schooling. Exceptional students.

INDEPENDENT PUBLIC SCHOOL

NEWS
OCT 2020

GREASE is the word for Mod's talented troupe

Perth Modern School recently staged the musical spectacular and fan favourite Grease. Held over four nights and two matinees the shows were performed to sell-out crowds.

In the lead roles of Sandy Dumbrowski and Danny Zuko were Jenny Guigayoma and Euan Hillis. The Pink Ladies were played by Perri Hinton, Talisha Lee-Karuthiru, Nabila Leunig, Jessica Wilkins, Freja Salt, Michelle Hedge and Sophie Boyland. The T-Birds were played by Blake Mathieson, Shay Dowley, Ben Tonkin, Noah West, Tristian Chetty and Joel Brooker.

Jessica Blakeley was Patty Simcox, Avicknash Dayanandan was Eugene Florczyk, Saadat Munib was Vince Fontaine, Stirling Wittber was Teen Angel, Jasmine Willoughby was Cha-Cha Digregorio, Orlando Phillips was Johnny Casino, Bailey O'Hehir was Miss Lynch and Coach was Thomas Hunt.

Deputy Chair of the Perth Modern School Board Peter Farr described the production as 'really uplifting'. 'Great choreography and singing, as well as a fab band,' Peter said. 'Special song and dance number by 14 teachers and a standing ovation at the end.'

See more on pages
4, 5 and 6...



Photos courtesy of Brady Victor Photography.

In this issue



PAGES 10-12
Innovations
Curriculum



PAGES 16-18
Senior Showcase
and Spring Festival
Concerts



PAGES 26-27
NAIDOC Week



From the Principal

*An important keystone underpinning Perth Modern's **Modern Innovations Curriculum** is the new multipurpose auditorium currently being built, which will provide a stimulating and functional new venue for many of the innovations initiatives. I am delighted to announce that the auditorium will be named the **Cyril Tyler Auditorium**, in acknowledgment by the school of the significant donation to the building made by Modernian Don Tyler, who wanted the name to honour his stepfather Cyril, whom Don said raised him to help others and 'to lift people up.' The Upper Level Foyer is to be named the **Sir Paul Hasluck Foyer**. This name was chosen by School Patron and Modernian Malcolm McCusker and his wife Tonya as an acknowledgment of their very generous donation to the building. The multipurpose room to be used for a lower foyer, warm ups before performances and also for wellness activities is to be named the **Harmony Room**, chosen by Dr Nicholas and Dr Heidi Waldron in acknowledgment of their large donation to the venue. We are excited to see the building take shape with the second level framework now in place and the majority of the interior fittings and fixtures chosen, which are shown on page 9.*

The Modern Innovations Curriculum as mentioned above is central to our Middle Years curriculum, and is based around **innovation, entrepreneurship and leadership**. We believe that thinking involves the structured learning of a skills-set and the appropriate habits or **dispositions for thinking**, therefore a key aim is to add depth to students' learning with structured visible thinking, particularly through the integration of the philosophical Community of Inquiry, Thinking Routines and Habits of Mind.

The Modern Innovations Curriculum extends the learning experience beyond subjects, content and grades by its emphasis on analysis, evaluation and synthesis, which are the phases of higher order thinking that must be used in the process of researching, problem-solving, and the planning and presenting of innovative solutions and ideas to an audience.

The Modern Innovations Curriculum links directly to **key principles of gifted and talented best practice** embracing **interdisciplinary** approaches to learning. It encourages inquisitiveness, imagination and engages students conceptually in real world issues. It differentiates learning in accordance with each student's interests by providing opportunity for choice.

You can learn about this exciting new innovation on pages 10–12.

It proved to be another exceptionally busy Term 3 even with Covid-19 modifications, with the school full of activity as students participated in a large array of competitions, carnivals, awards, festivals, charity drives, drama productions and music concerts. I continue to be delighted at how both staff and students continue to enthusiastically embrace every opportunity that comes along.

Fabulous performances of **Grease** brought the house down with the incredible singing, acting, costumes, set design and music by our talented music students led by **Harry Oliff**. Congratulations to our many staff who showed great commitment and dedication to make sure the production was a huge success: Director **Sally Floyd**, Assistant Director **Wesley Simkin**, Choreographers **Jessica Pacecca** and **Melanie Wilcock**, Set Designers **Dylan Trent** and **Thomas O'Brien**, and Properties Designers **Katie Chin**, **Alison Soraru** and **Sarah Eve**. Other staff who helped with a range of tasks including ticketing, publicity, photography, make-up, front of house and catering for the production crew include **Thalia Cole**, **Danae Brazier**, **Stephanie Roper**, **Meriam Barouky**, **Brianna Peck**, **Kaylene Nilsen**, **Carol Fursa**, **Alice Pearce** and **Julie Vivian**. Thanks also to the staff who performed in a dance routine on stage.

Science Week was a fabulous and stimulating week with students involved in a series of activities and presentations based on the theme 'Deep Blue: innovation for the future of our oceans'. Thank you to **Science Week Coordinator Maria Biddle**, **Head of**

Science Ant Meczes and activity organisers **Claire Humfrey**, **Sonja Bouwer**, **Sarah Ransom**, **Connor Bailey**, **Alistair Norrie**, **Ormonde Waters**, **Jamie Morris**, **Brodie Reid**, **Mark Simms**, **Kate Holland**, **Chris Rapley**, **Joanne Dobb**, **Aida Pilling**, **Mya Skirving**, **Tracy Enslin** and **Andrew Benn** for a fantastic week of enrichment activities.

It was a beautiful day for the **House Athletics Carnival** with the event continuing to be a very successful celebration of the House system. Students are provided with an opportunity to challenge themselves physically and to interact with their peers and teachers in a fun atmosphere. Student participation was excellent with many students dressed in colourful and creative House outfits.

Sampson came out on top, followed by **Downing**, **Brown** and **Parsons**. **Sampson** also won the Novelty Cup, followed by **Parsons**, **Brown** and **Downing**. Thanks to **Head of Health and Physical Education Mark Muir**, **Physical Education staff** and all staff members for their support.

The School was proud to run various **NAIDOC Week** activities, commencing with a whole school assembly, followed by various activities throughout the week. The highlight was a visit from **Derek Nannup**, Noongar storyteller, comic, dancer, didge-player and clown doctor. Derek had the Year 7 and 8 students in stitches of laughter, regaling them with funny stories and demonstrating didgeridoo techniques. Derek also met with staff to answer any questions they had surrounding cultural sensitivities and later

had morning tea with the **Reconciliation Working Group**. Thanks to staff members **Gerard Mazza** and **Jamie Morris** for coordinating the week's activities.

The **House Bake Off** this year had NAIDOC, Culture and House Spirit themes. There were many beautiful designed coloured cakes and cupcakes, along with some delicious looking damper. For the teachers who are judging this competition, it is a very tough, albeit delicious, job to have.

The **Year 6 Transition Program** was once again a fabulous success with various Enrichment Workshops designed to welcome future students into the school community. These workshops were run by students in the Senior Years and included Storytelling through drawing; Languages; Sustainable Foods; Soccer; Volleyball; Table Tennis; International Foods; Basketball; Board games; Video game production; Maths; Debating, and Bench ball and indoor games. These optional transition activities and enrichment workshops provided a valuable introduction and also help to facilitate the development of new friendships so our new students can ease their way gently into life at Mod.

The School was thrilled to see our Music students shine in the **Senior Showcase, Spring Festival** and the **Farewell/Modernian Reunion** concerts. These concerts featured the Symphony Orchestra, Sinfonia, Senior Wind Orchestra, Wind Band 2, Wind Band 3, Ripieno, Year 12 Piano Quintet, Year 11 String Quartet, Year 10 Piano Quintet, Chorus Angelicus, Phoenix and Schola Cantori Choirs, Senior Jazz Band and Chamber Choirs and Ensembles. Thank you to the Musical Directors for their hard work in producing such outstanding music and all the students for their hard work and dedication throughout the year.

I congratulate the following students for their successes in Term 3:

- In the **Australian Senior Mathematics Olympiad (Senior Contest)** **Micah Sinclair** in Year 11 won Gold, **Lawrence Nheu** and **Keith Wong** in Year 11 won Silver, **Valiant Asfar**, **Elle Chentang** and **Sithum Somarathna** in Year 11 and **Ethan van Bruchem** in Year 10 won Bronze and **Haoran Yang** in Year 11 received an Honourable Mention.
- In the **Hypervision Exhibition**, **Hudson Todd** Year 12 was the winner in the Sculpture category, **Virginia Plas** in Year 12 was the runner up in the Experimental category, **Izabella Bird** in

Fatima Merchant elected as Head Girl and Aaron Trawinski elected as Head Boy for 2021

I congratulate the 2021 Head Girl elect Fatima Merchant and Head Boy elect Aaron Trawinski.

Fatima and Aaron have both been Student Councillors since Year 8 and have established themselves as hardworking student leaders.

I am positive Aaron and Fatima will be outstanding in their new roles and I look forward to closely working with them to enhance the student experience at Perth Modern School.



Year 12 was the runner up in Photography and **Reka Balogh** Year 11 was the winner of the Up and Coming Artist award.

- **Heidi Gstaettner** in Year 7, **Anoushka Gupta** in Year 7, **Rayan Jape** in Year 7, **Alex Mills** in Year 9 and **Chas Underwood** in Year 11 were the winners of their division in the **WA School Chess League Division Championships**.
- In **British Parliamentary Debating** the Senior Grand Finalists were **Nyah Gray** and **Anna Pedersen** in Year 10 and Junior Grand Finalists were **Grace Sinclair** and **Rishita Sarkar** in Year 9.
- **Beau Scaddan** in Year 11 was awarded **2020 Western Australian Young Geographer of the Year**.
- **Khush Shah** in Year 10 won **First Place** in the **Chinese Bridge Language Speech Competition**.
- **Gloria Limas** in Year 7 was the **Whitlam Institute What Matters Writing Competition** Runner Up for Year 7/8.
- **Caleb Adams**, **Zavier Wileman** and **Fatima Merchant** in Year 11 and **Virginia Plas** in Year 12 were selected to attend the **Youth Parliament Residential Camp**. **Zavier** received the **Youth Parliament's Speaker's Award**.
- In the **2020 International Mathematical Modelling Challenge** the National Finalists were **Elle Chentang** in Year 11, **Nisani Gunawardhana** in Year 11, **Angela Deng** in Year 11 and **Alliana Yang** in Year 11. Honourable Mentions were awarded to **Alexander Cheung**, **Christopher Leak**, **Tina Soodi Shoar** and **Aryan Gupta** in Year 12.
- In the **UN Youth Western Australia Evatt Trophy** the Runner Up Champions were **Ann Cao** and **Fatima Merchant** in Year 11

and the Highly Commended Award went to **Nyah Gray** and **Ruby Paterson** in Year 10.

- In the **Education Perfect Championships** **Andrea Jancik** and **Samsara Mattin** in Year 9 and **Kento Burford** in Year 8 won an Elite award and **Rheannon Lazar** and **Natasha Robinson** in Year 10, **Grace Sinclair** and **Andrea Jancik** in Year 9, **Rainier Wu** and **Gary Wu** in Year 8 and **Samantha See**, **Renyi Phui** and **Charisse Tan** in Year 7 won Gold awards.
- **Chau Tran** in Year 9 was awarded equal First Prize in the **Genazzano Institute 'Explain the Brain 2020' Competition** through Education Perfect. **Elle Chentang** in Year 11 was awarded equal Second Prize and **Hannah Chen** in Year 7 received an Honourable Mention.
- Selected for the **Young Originals Art Exhibition** were **Charlotte Ryall** in Year 12, **Bridie Dempster** and **Hannah Pemberton** in Year 11 and **Miles Tawns** and **Sophie Gregory** in Year 10.
- **Zachary Loong** in Year 11 achieved the Silver award and **Hoang Trinh** in Year 11 achieved the Bronze award in the **Duke of Edinburgh's International Award**.
- **Ryan Eastwood** in Year 9 has been awarded **Perth Heat Young Umpire of the Year**.
- Modernian **Radheya Jegatheva** (Class of 2016) is fast becoming a well-known Australian film-maker with his film *The Quiet* being named Best West Australian Short film at **CinefestOz**.

Lois Joll, Principal

‘An incredible show ...’



Teachers and other staff performing a dance scene.

... gets a great reception

Audience member Jackie Magill said, 'This was an incredible show. My husband and I thoroughly enjoyed it and were blown away by the talent and professionalism of the cast and crew.'

Alison Morley, parent of performer Katy, described the show as a fantastic production.

'Thanks to all the teachers and supporters who made it possible by putting in all those extra hours for rehearsals and planning and designing,' Alison said.

Tonya McCusker, wife of school patron Malcolm McCusker, said her family was 'so impressed with the production'.

'The entire cast, backstage crew, band and Director should be congratulated,' Tonya said. 'Please pass on our congratulations to all the performers, but in particular to Jenny Guigayoma who nailed the role of Sandy—the only slight difference was that her voice was ten times stronger and more mellifluous than the original Olivia Newton-John!'

Audience member Rebecca Treloar Cook said the show was a 'wonderful production with standout singing'.

'[It was a] mammoth effort and absolutely flawless playing to the point we all thought it was a pre-recorded backing tape,' Rebecca said. 'Genuinely impressed with the quality all round by everyone.'

Director Sally Floyd said that although the year had been a challenging one, students have been able to put this to one side due their involvement in Grease.

'Whether it was raiding Grandma's wardrobe, stealing mum's mascara, or borrowing Dad's Brylcreem, I'm sure there were many laughs and teenage memories shared.'



BELOW: Deputy Director General Schools Stephen Baxter, Head Girl Julia Aguinot, Principal Lois Joll and Board Chair Dr Ken Michael at the performance.





ABOVE: Noah West with guitar as Doody.



“

Being a part of the Grease cast this year was an experience like no other. I have developed many incredible relationships with members of the cast that I expect to keep for the rest of my time at this school.

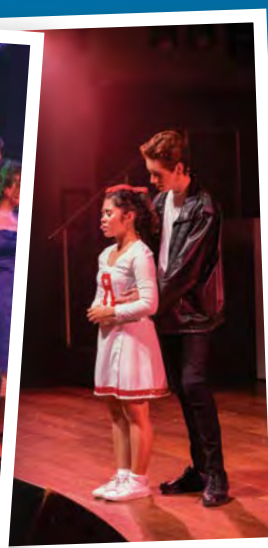
When I first auditioned, all I wanted was to become a part of the cast, which was why I was so ecstatic when I heard I received a speaking part and had my own solo song.

Performance nights were some of my best experiences at Perth Modern. The T-Birds and Pink Ladies, especially, are such great friends to hang out with, both on and off stage. Most of the cast still talk regularly in group chats, and over-enthusiastically wave when walking past each other at school.

No matter what musical we do in two years, I know I am going to love everything about it.

Noah West, Year 10, T-Bird for life

”



Perth Mod students in the news



Top trio take home awards

THE POST NEWSPAPER

A humane solution to a familiar pest problem in the western suburbs is one of the award-winning ideas out of Perth Modern School.

Year 11 student Beau Scaddan walked away with the title GAWA (Geographical Association) Young Geographer of the Year and \$500 for his paper *Ethical new population management scheme for invasive little corellas in Australian urban areas*.

Beau—who hopes to study neuroscience—postulates that the use of a hormone in feed given to the birds could reduce their reproductive rate by 75 per cent.

He said this was a better alternative than the current methods of ‘shooting and gassing’ the birds.

Gloria Limas was a runner up out of 4000 entries for the Year 7/8 category in the Whitlam Institute’s What Matters? writing competition with her poem *Labels*.

She only recently began writing poetry and this was her first time to enter a competition.

Her poem describes the pressure of how something that can seem positive—like being described as smart—may come with the weight of expectations and standards that begin to define you.

‘It is from my experience in primary school, always being told that if I didn’t do my best it was a surprise to them,’ she said.

She wants to explore other types of writing and believes that whether she does it as a career or as a hobby writing will ‘always be there’.



Khush Shah, Gloria Limas and Beau Scaddan.

Khush Shah began learning Mandarin in Year 7 and the now Year 10 student scooped first place in a national Chinese speaking competition.

A trip to China last year really helped him get to grips with the various tones needed to speak the language properly.

He hopes to go into finance or business and believes learning Chinese will help him.

Perth Mod students excel

THE POST NEWSPAPER



Honey Kanodia and India Creed.

Four Perth Modern School teams recently competed in the grand final of the UN Youth West Australian Evatt Trophy, a competition that requires students to represent a country and debate on specific issues of international significance.

Of its 35 teams entered, seven were invited to participate in the semi-finals, making Mod the biggest contingent in the finals.

Ann Cao and Fatima Merchant in Year 11 were the runner-up champions while Nyah Gray and Ruby Paterson in Year 10 received a highly commended award. Both teams will compete in the Evatt national finals at the end of the year.

They were joined in the state grand final by Huda Zaidi and Anna Tokarev in Year 10 who represented the US, and India Creed and Honey Kanodia in Year 12 who represented France.



Nyah Gray, Ruby Paterson, Huda Zaidi, Anna Tokarev, Fatima Merchant and Ann Cao.

Fatima was recognised as the best delegate from 300 participants across the whole competition.

Ruby said she enjoyed ‘the experience in front of a room of engaged youth and young adults about topical issues that will affect us in the future’.

Ann said she ‘learnt to act as a mediator during discussions, and to find common ground between contrasting views’.

Fatima said she was keen to pursue a career in international relations, specifically in global health policy, because she was ‘fascinated by the relationships between nations, cultures and ideas in a changing world’.

Unveiling the Cyril Tyler Auditorium



We are excited to announce Perth Modern School's new multipurpose auditorium is to be named the Cyril Tyler Auditorium.



Cyril Tyler

This name has been chosen by Modernian Don Tyler in acknowledgment by the school of his significant donation to the project. The name is in honour of Don Tyler's stepfather, Cyril, who raised Don from a small baby after his biological father died when he was only 28 days old. Don said Cyril had raised him to always give back to others wherever possible in order 'to lift people up'.

Sir Paul Hasluck Foyer

The Upper Level Foyer is to be named the Sir Paul Hasluck Foyer. This name was chosen by School Patron and Modernian Malcolm McCusker AC CVO QC and his wife Tonya as an acknowledgment of their very generous donation to the building.

Malcolm McCusker said the following of Sir Paul Hasluck:



Sir Paul Hasluck
IMAGE: WIKIPEDIA

'Sir Paul Hasluck (1905–93), a highly distinguished graduate of Perth Modern School, was a prolific author, historian, and Australia's first permanent Representative to the United Nations. He served as Minister for Defence and Minister for External Affairs in the Federal Government, and on retiring from politics became Governor-General of Australia, a role he performed with great distinction. The Federal (WA) division of Hasluck was named in his honour. It is most fitting that he should be recognised in this way by his alma mater.'

Harmony Room

The multipurpose room—to be used for a lower foyer, warm-ups before performances and also for wellness activities like yoga and Pilates—is to be named the Harmony Room. The name was chosen by Dr Nicholas and Dr Heidi Waldron when the School requested they name the room in acknowledgment of their wonderful donation to the venue.

The Waldron's said:

'We choose Harmony Room as it can have multiple meanings like the room will have multiple uses. Harmony has significance when the room is being used for orchestra tuning and warm-up. Harmony can be the reward of meditative practices such as yoga or Pilates— another use of the space. Harmony also positively respects indigenous and multicultural importance valued by the Perth Modern community.'



ABOVE: The auditorium is taking shape quickly—the building of the second level has commenced.
BELOW: Workers pouring the slab for the second level.





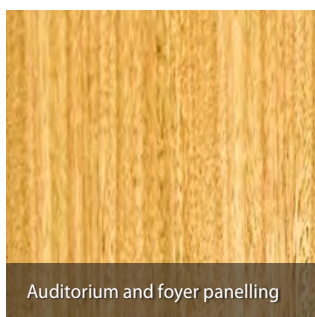
Design selections made

Our new 700-seat multipurpose auditorium will have a sophisticated and stylish interior with the colour and surface selections made to create an ambience conducive to imagination, creativity and learning.

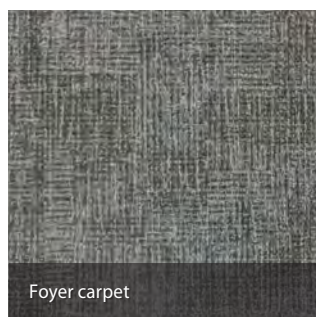
The moody grey, charcoal and wood tones with touches of bronze have created a modern palette perfect for the 21st Century.

▲ Foyer visual

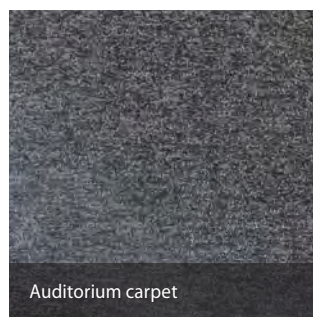
▼ Auditorium visual



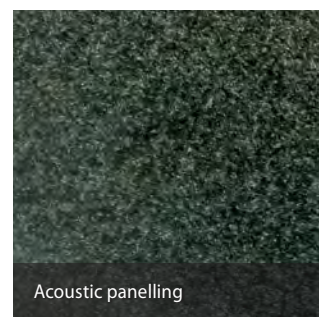
Auditorium and foyer panelling



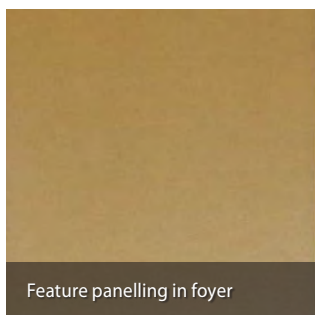
Foyer carpet



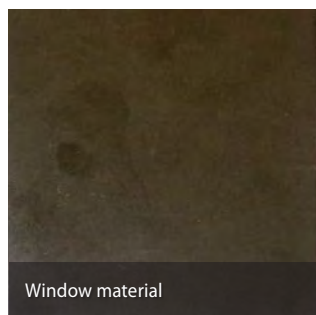
Auditorium carpet



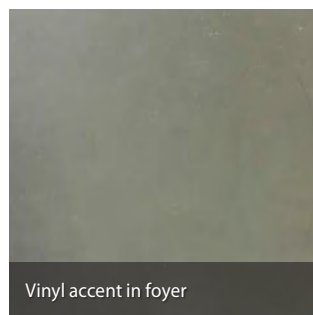
Acoustic panelling



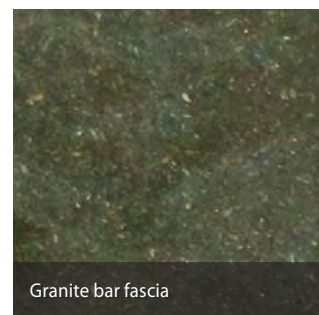
Feature panelling in foyer



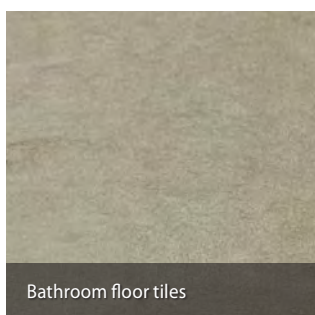
Window material



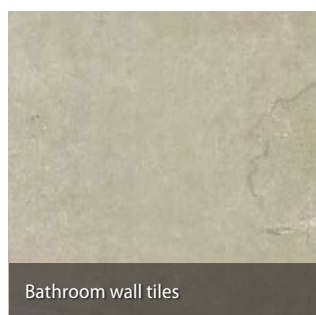
Vinyl accent in foyer



Granite bar fascia



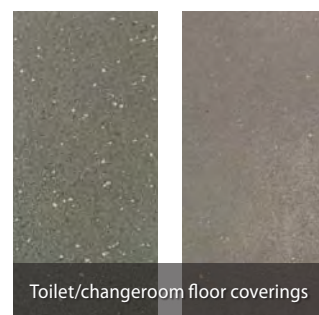
Bathroom floor tiles



Bathroom wall tiles



Bathroom door laminates



Toilet/changeroom floor coverings

The Modern Innovations Curriculum



IMAGINATION IS
MORE IMPORTANT
THAN KNOWLEDGE.

EINSTEIN



INNOVATION IS
SEEING WHAT
EVERYBODY HAS
SEEN AND THINKING
WHAT NOBODY HAS
THOUGHT.

DR. ALBERT SZENT-GYÖRGYI



FROM WICKED QUESTIONS TO INNOVATIONS, LEADERSHIP AND ENTREPRENEURSHIP

In contemporary educational thinking the teaching of **innovation, entrepreneurship and leadership** is considered increasingly important in a rapidly changing world. The Australian Curriculum's General Capabilities emphasise creativity, critical, creative and computational thinking and problem-solving as well as communication and collaboration. Cultivating these 21st century learning skills as well as innovation, entrepreneurship, and leadership are the cornerstone of our *Modern Innovations Curriculum* in the Middle Years.

We began in 2007 with cross curricula problem-based learning. This evolved into the 'Wicked Question', the Apprenticeship of Thinking and to the Modern Innovations Curriculum which has progressed from Year 7 to Year 8 in 2020. In 2021, Year 9 students will undertake this program. The **aim** is to encourage students to explore, research and use their knowledge, skills or tools to uncover something new, to think outside the box and nurture talents and skills. It creates opportunities to instil confidence and stimulates a passion for **'trying to make a difference in the world'**.

The *Modern Innovations Curriculum* extends the learning experience beyond subjects, content and grades by its emphasis on analysis, evaluation and synthesis, which are the phases of higher order thinking that must be used in the process of researching, problem-solving, and the planning and presenting of innovative solutions and ideas to an audience. Projects may revolve around the United Nations Global Sustainability Goals, Artificial Intelligence, free thinking Start-up ideas and marketplace learning.

Consider what it means to be a *Great Thinker* as our Year 7 students have done; how are Einstein and Steve Jobs similar or different as thinkers? Looking at Oceans – Why do I feel calmer when I am near the ocean? Can we use stingray electrical currents to change the way we generate electricity?



Ocean research projects.



Students in Year 7 discuss how children's toys look and feel and how they could be changed to better represent modern day society. Led by Innovations Manager Myra Grayce, students discussed their ideas with their peers.

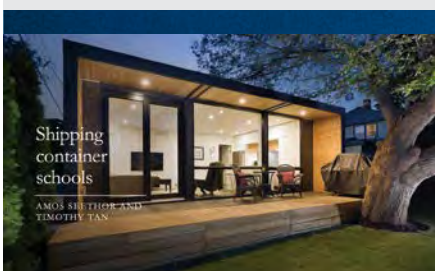


INDEPENDENT RESEARCH — FOLLOWING OUR LEARNING PASSIONS

Since 2017, independent research has allowed Mod students to study an area of passion, develop confidence and high level research skills for university study. Students learn to write a research proposal and present that to a panel, conduct a Literature Review and write a methodology.

Some of our past research includes:

- How technology can be utilised to connect medical officers to anxious citizens for reassurance and advice on the real facts of a disease.
- How hard is it to crack a code with today's technology, and what methods are used in order to accomplish such a task (how is math related to this process)?
- How can we improve the quality of mental health within the lesbian, gay, bisexual, and transgender (LGBT+) community in Australian schools?
- Assess the wetlands of the Muchea region to determine if the western mud minnow may indeed still persist undetected outside of its currently known distribution within the Moore River.
- What factors can incite and aid large-scale socio-political reformations around the world, and if these factors differ in different cultural regions of the world.



Independent Research Project
by Amos Seethor and Timothy Tan.



Independent Research Project
by Alex Mills, Ken Joju and Ian Gard.

The Modern Innovations Curriculum

YEAR 9 LEARNING FOR LIFE

All learning is for life, but Learning for Life sets students up for life after school!

Driven by the imperative of shifting worlds of life and work, and enhancing our capacity to deliver future focused educational outcomes for gifted learners and to adequately equip students with the capabilities needed to succeed and flourish as adults in tomorrow's world, Year 9 students will participate in our Learning for Life program from 2021. The program will provide opportunities for students to further challenge themselves to realise their social, academic and personal potential as responsible members of the global community.

The program is yearlong with each term covering a separate theme, including;

- Finance – financial literacy.
- Business Life – business etiquette, public speaking, professional communications and cultural awareness.
- Active Life – choice of community service, self-defence and wellbeing.
- Independent Life – cooking healthy and budget-friendly meals, gardening, sewing, home/car/bike maintenance.



INDIVIDUAL
CURIOSITY, OFTEN
WITHOUT WORKING
WITH PRACTICAL
ENDS IN MIND, HAS
ALWAYS BEEN THE
DRIVING FORCE FOR
INNOVATION.

FREDERICK SEINTZ



Students in Year 9 will learn basic cooking skills as part of the Learning for Life program.



Public speaking skills will also be taught as part of Learning for Life.



Community service will be an option as part of the Active Life program within Learning for Life.

THRIVING MINDS —THE ART AND SCIENCE OF FLOURISHING

At Mod, we are passionate about student wellbeing and to support what we already offer, including MAT, for the past 12 months' staff have been implementing aspects of the Positive psychology/education program from Geelong Grammar. Next year, this will be explicitly taught in Health Education as well as in Advocacy.

This program, aimed at developing strategies for Positive Education, brings together the **science of Positive Psychology** with best practice teaching to encourage and support individuals, schools and communities to flourish. We refer to flourishing as a combination of 'feeling good and doing good', strengthening relationships, building positive emotions, and enhancing resilience.

Some of the Thriving Minds skills and strategies we have embedded during Advocacy sessions include:

- having empathy and compassion so that students can purposefully view a situation from others' perspectives and take appropriate action;
- the principles of good face-to-face communication;
- anticipate reactions to emotions, identify factors that influence emotion, including social settings, and implement a variety of strategies to regulate their own emotions;
- reflecting on goals and planning to achieve them, while considering individual values.



The Modern Innovations Curriculum



ABOVE: Eric Yun presents on Python, a programming language.
BELOW: Thevindu Karunurathne in mathematics explaining an element of coding to the class.



DO NOT GO WHERE
THE PATH MAY LEAD,
GO INSTEAD WHERE
THERE IS NO PATH
AND LEAVE A TRAIL.

RALPH WALDO EMERSON

CODING—LANGUAGE OF THE FUTURE

Year 7 students have been learning about Python—no, not the serpent!—a programming language. This has been a large part of the Mathematics program.

The coding program has been introduced to the Year 7 students by the Mathematics Department at Perth Modern School since 2019. Approximately one hour per week has been dedicated to the basics of coding, using Python programming language, through the online platform Grok Learning in all Year 7 Mathematics classes.

The programming course is problem and inquiry based, and students' coding ability and computational and algorithmic thinking skills are assessed in the form of mathematical and cross-curricular investigation projects each term.

The first project was to design an application using Python that would help shoppers determine which products to buy at the supermarket.

The second project was to help civil engineers input and modify horizontal and vertical geometry as well as incorporate with a template to develop the 3D representation of their tunnels.

The third project that students are currently working on is to 'crack the DNA Code' in the cutting edge Bioinformatics field, where students first investigate how the genetic code works to make proteins then create a Python program that use list/dictionary/file to determine the amino acids and protein made given a sequence of DNA.

STEAM STUDIES—IS FULL STEAM AHEAD AT MOD!

Year 10 STEAM allows students to combine aspects of Science, Technology, Engineering, Art and Mathematics to develop real-world solutions.

Students are exposed to technologies such as digital design, electronics, the internet of things and mixed reality and coding. As there is no explicit teaching, students choose projects they want to work on (as individuals and as a group), explore how to learn with technology and develop their collaboration, project management and design thinking skills.

Students can choose projects based on their interest and these can involve robotics, fashion, music, computer games or visual design. This year students have worked on Augmented Reality for a real-world client, Python coding on the BBC micro:bit and the Artificial Intelligence for Good Challenge.

Students working on a rocket launch ...

... and success! The rocket launches.



Ocean innovation explored for Science Week 2020

MARIA BIDDLE, SCIENCE WEEK COORDINATOR



The Science Week activities at Perth Modern School in 2020 have been centred around the theme 'Deep Blue: Inspiring innovation for the future of our oceans'.

Around 200 Year 7 students presented posters and cartoons in a display in Lower Andrews to highlight their question of interest in their Ocean themed Innovations project.

Students got involved in voting for the best three-minute PhD thesis competition from Curtin University students.

Professor Igor Bray from Curtin University made the connection of Physics to all things at the Physics Breakfast with 72 students arriving at school early to attend. Professor Bray has been a regular presenter for Science Week at Perth Modern School and we thank him for his highly interesting presentations.

Another option for students to be involved in was a Deep Blue escape room activity where they were presented with the scenario of a submarine's battery failing and they had to complete 10 ocean-themed challenges in their teams in just 45 minutes to survive the (imaginary) ordeal.

Other activities included Advocacy groups completing Ocean-themed quizzes; Engineering students displaying the amazing machines they had constructed; 32 students making fizzy sand (sherbet) and 25 students making deep blue coloured and beautifully scented bath bombs.

A presentation by the Black Cockatoo Conservation Centre that featured a real-life cockatoo was well received by students with an interest in conservation.

Students also participated in the Explain the Brain competition with the winning entries explaining Autism and dyslexia in bright and engaging posters and videos.

In addition, the worms in the worm farm were on display so the Sustainability advocacy could show off their hard work reducing waste around the school.

Finally, students involved in creating their own Human Powered Vehicles (HPV) for the Pedal Prix in 2020 zoomed around the school in their machines that had been deconstructed to make them more effective and streamlined.

Although the Pedal Prix was cancelled this year due to Covid-19, we are hoping some form of competition involving the vehicles will take place before the end of the year.

Overall, Science Week 2020 was an engaging and challenging series of activities for our students who love all things science!



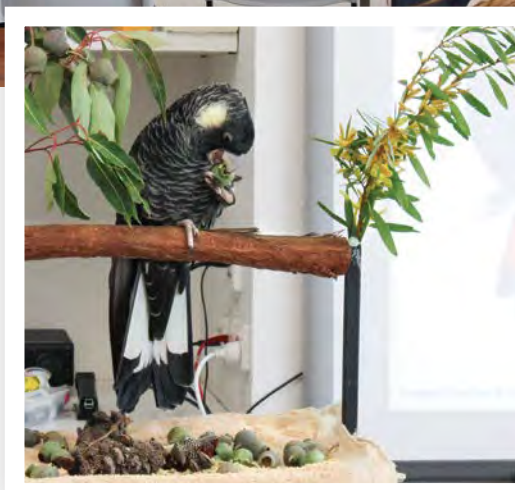
ABOVE: Professor Igor Bray with students attending the Physics Breakfast.

RIGHT: Akash Jayaram (right) was the top Year 11 Physics student for 2019 and received a book on physics from Professor Igor Bray as his prize.



ABOVE: A presentation by the Black Cockatoo Conservation Centre was a Science Week activity.

RIGHT: An endangered cockatoo was the star attraction.



Enriching experiences for students



Perkins Profs 1.0 and 2.0

ANT MECZES, HEAD OF SCIENCE

Students in Years 10 and 11 at Perth Modern are given the opportunity to participate in the Perkins Profs programs at the BioDiscovery Centre at the Harry Perkins Institute of Medical Research.

Despite earlier disruptions, students were able to resume the programs in Term 3. Skills they learned included isolating cancer cells, gel electrophoresis, understanding Epigenetics, unpacking Bioinformatics, learning about Bioengineering and plenty of lab-based skills. Parents were able to attend the graduation night that took place at the end of Term 3.

The PP2.0 students also had to give a presentation of the work they had been doing in Bioinformatics, Bioengineering and Epigenetics. All students said that the programs gave them a valuable insight into these research areas, which are often only taught in the second year of university.



Shark Week inspires artworks and love of the sea

SARAH EVE, VISUAL ART TEACHER

Inspired by Shark Week, I asked my Year 9 Visual Art students to explore the relationships humans have with the ocean.

Students considered the beauty of sea life but also the ways in which it is threatened by human actions. Part of their exploration involved going to the Aquarium of WA and practicing as artists do in society, taking observational drawings and notes that will influence their final painting project.

The students enjoyed visiting AQWA and being under the sea for a day.



TOP: Students were asked to take observational drawings of what they saw at AQWA.

ABOVE: Amalie White and Jennifer Mullan working on their drawings.

LEFT: Year 9 Visual Art students at AQWA for Shark Week.

Joy in performing together

PHILIPPA ROY, HEAD OF MUSIC



After a year filled with virtual rehearsals, sectional rehearsals and physical separations, the music ensembles at Perth Modern School were thrilled to all finally come together to prepare for their first performances for the year.



Senior Showcase: Chorale performing *Hymn of Axiom*.

SENIOR SHOWCASE

The Senior Showcases were truly a delight, showcasing the expertise of students in the Mod Music program. Featuring many of the Year 12 students, the senior ensembles performed on September 10 and 11 to a very appreciative audience.

One of the features of the concert was Chorale's performance of *Hymn of Axiom*. Using mobile phones as ambient lighting, they performed this piece, representing what a database might sound like...

The composer Vienna Teng was inspired to write a song about the contentious nature of online surveillance when she was completing her MBA in sustainable enterprise. The lyrics ascribe human characteristics to machines that are constantly harvesting data points about our online characteristics.

This was quickly followed with the Modernian Concert and Year 12 Farewell Concert, where the Year 12 music students performed together for the final time, and were formally bid farewell with their performance and skit, celebratory cake and flowers.



Senior Showcase: Chorus Angelicus.



Senior Showcase: Chorale.



Head of Science Ant Meczes, Dr Robyn White, Principal of Instrumental Music School Services Bruce Herriman and Principal Lois Joll.



Associate Principal Steve Jurilj with Friends of Music Convenor Nicola Peiris.



Mr Don Tyler chats to Micah Sinclair and Allen Prince.



Senior Showcase: Year 12 Piano Quintet.



Senior Showcase: Senior Guitar Ensemble.

SPRING CONCERT

The Middle Years ensembles were particularly excited to be able to perform in the Spring Concert on 19 September, with some students performing for their first time as a member of an ensemble at Perth Modern School.

Despite the windy weather, and frequent bursts of rain, a total of 15 ensembles performed across two venues, with parents and students able to attend and experience the performances in a supportive environment.

Congratulations to all the students involved in the performances, and thank you to the Music Department staff and Friends of Music for their support in preparing the students for these performances, and ensuring the days ran smoothly.



Spring Concert: Wind Band.



Spring Concert: Cello Ensemble.



Spring Concert: Guitar Ensemble.

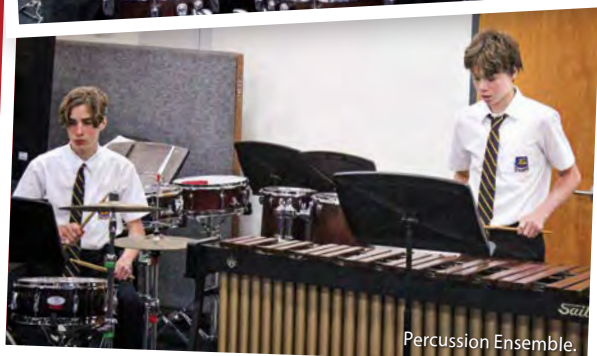


Spring Concert: Intermediate Contemporary Ensemble.



Spring Concert: String Quartet.

Percussion Ensemble.



Percussion Ensemble.

Junior Jazz Band.



Chanteurs.



Sinfonia.



Wind Band.



Year 9 Choir.



Year 8 Choir.

Student creativity blossoms in English

Marksman Lloyd raps with Year 8 students

DANAE BRAZIER, HEAD OF ENGLISH

Year 8 English classes were fortunate to have a session with Marksman Lloyd.

Lloyd is a local freestyle rapper, a producer, a poet and a hip-hop artist. He was a featured artist on Triple J unearthed and was nominated in Triple J's Hottest 100 for his song *Gene Simmons*. He also runs self-help seminars in Perth for young adults with themes of self-empowerment.

Lloyd began the session by creating a freestyle rap incorporating items students had brought. He spoke about the power of language, and then shared a story from his own time in high school with a strong message for R U OK? Day.

Several students joined Marksman Lloyd, dancing to his music, with Owen Le starring in a rap battle! This was a wonderfully affirming creative session with a fabulous artist.



Write a Book in a Day

A record number of 132 Perth Modern students took up the challenge of producing a book from scratch in one day as part of the Write a Book in a Day competition.

Working in close-knit groups, students had to create a storyline, write the words, illustrate each page and bind the book in a 12-hour time frame. The books have now been submitted for judging and looking at the quality of the books produced, we should hopefully be in line for some of the awards.



Students hard at work making their Write a Book in a Day competition submissions.



Sean Norman and Nibesh Kahtri.



Student Accolades



Lawrence Nheu, Valiant Asfar, Sithum Somarathna, Micah Sinclair, Elle Chentang and Ethan van Bruchem. Absent: Haoran Yang.

Maths Olympiad a breeze for six Perth Mod students

Six Perth Modern School students have achieved top scores in the Australian Senior Mathematics Olympiad Senior Contest.

In August, 100 students across Australia were invited to sit the exclusive Australian Senior Maths Olympiad Senior Contest. This exam is considered the most difficult of all the Maths Olympiads.

Outstanding results were achieved by Perth Modern students with Micah Sinclair in Year 11 winning gold, Lawrence Nheu in Year 11 winning silver, Year 11 students Valiant Asfar, Elle Chentang and Sithum Somarathna winning bronze and Ethan van Bruchem in Year 10 also winning bronze. Haoran Yang in Year 11 was awarded an Honourable Mention.

In the Senior Contest the participating students have to solve five challenging maths questions in four hours.

Micah won a gold medal for achieving in the top 10 per cent of participants.

'[Four hours] sounds like a lot of time to solve the problems you are given but the questions require a lot of thinking outside the box and problem-solving

and techniques that you don't get to work through at school,' Micah said. 'Each question can take several hours to solve individually so the competition is really a very challenging one.'

Lawrence said the maths Olympiads are much more challenging than school-based exams and test many different areas of pure mathematics such as geometry, number theory and algebra.

'When you first sit down to complete the exam you feel like you have plenty of time but then one hour goes by and then two goes by and you find you have to speed up towards the end and complete as many questions as you can,' Lawrence said.

Ethan said he enjoys mathematics because it enhances his knowledge of the world and allows him to explore topics from different viewpoints.

'I enjoy the Olympiads because it allows me to showcase my maths skills in a competition environment,' Ethan said.

Valiant said what he enjoys most about maths are the creative aspects involved in solving problems.

'You have to come up with an original thought process without any help so it's very original, very creative,' he said.

Elle said she enjoyed cracking difficult problems especially when you don't see the solution at the beginning.

'Maths is not a straight line from beginning to end, sometimes you don't see it coming and you end up thinking at the end—wow,' she said.

Sithum said he found mathematics pretty straightforward as, unlike English where there are different valid perspectives, in maths most times there is only one correct answer.

'Each question [in the Olympiad] is a lot of work but you get a huge sense of reward when you find the answer at the end,' he said.

EP Languages Championships

KANAKO MATSUO, JAPANESE LANGUAGE TEACHER

Our languages students put great effort into the EP Languages competitions held in May and August this year.

Both Samsara Mattin (Year 9 Japanese student) and Kento Burford (Year 8 Italian student) achieved an Elite Award at the EP Languages World Championships and Emerald Award at EP Regional Championships (WA).

Other students also worked hard to make Perth Mod the top school with the highest total score for the WA competition.

The following students received awards:

EP World Championships

Elite Award: Samsara Mattin in Year 9, Kento Burford in Year 8.



EP Championships: Samsara Mattin, Kento Burford, Reuben Kopec and Natasha Robinson.

EP Regional Championships

Emerald Award: Samsara Mattin (seventh in WA), Amy Gao in Year 10 (13th in WA), Kento Burford (18th in WA).

Gold Award: Natasha Robinson in Year 11, Reuben Kopec in Year 10, Dinath Dias Abeysinghe in Year 8 and Evan Tan in Year 7.

Congratulations on your fantastic achievement!

Mod students Anoushka and Rayan take out chess championships

Perth Modern School students Anoushka Gupta and Rayan Jape are the 2020 WA School Chess League North Zone Secondary School champions. Heidi Gstaettner, Anoushka Gupta, Alexander Mills, and Chas Underwood are the WA School Chess League Central Zone champions.

Anoushka and Rayan, both in Year 7, had to play seven rounds of chess to win the competition.

Rayan said he likes chess because it is 'interesting and there are so many variations'.

'I would like to try and reach master level and keep exploring it more,' he said.

Anoushka said she loved chess because it's a tactics games and it's fun working out her opponent's style of playing. She started playing with her brother when she was around six years old and really started to enjoy it by Year 3. She still practices a lot against her older brother.

'My goal is to play in the 2021 national championships because they are being held in Perth,' Anoushka said.



Rayan Jape and Anoushka Gupta with the WA School Chess League North Zone champion trophy.

In preparation for the nationals, both Rayan and Anoushka are playing Tuesdays, Fridays and Saturdays as part of the Chess Club at Perth Modern.

As well as practising against other players, 'it's important that you explore the theory side of chess to become a better player,' Anoushka said.

Western Australian Youth Parliament

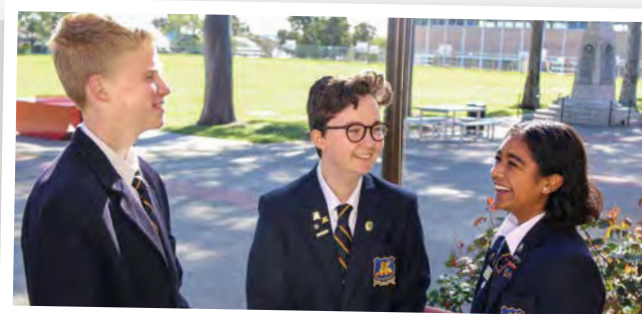
Year 11 students Xavier Wileman, Fatima Merchant and Caleb Adams along with Year 12 student Virginia Plas have been selected to attend the Youth Parliament Residential Camp where they will discuss current political issues and develop bills that address contemporary issues.

Caleb said, 'I got involved after I saw a Facebook post by Simone McGurk, state MP for Fremantle, and I thought it was a great way to get involved in politics with likeminded individuals.'

'During the camp we will be going into the Constitutional Centre to debate bills and meet MPs.

'I hope to get a better understanding of the WA political system and to help bring youth issues to public attention. For this, we will be working in a team for our bill, in parliament.'

Javier received the Youth Parliament Speaker's Award for 'displaying outstanding speaking and debate skills during the Youth Parliament in 2020'.



Caleb Adams, Xavier Wileman and Fatima Merchant.

'I think the Youth Parliament program has encouraged me to speak out on what I am passionate about, which I think will translate into me being a champion for change in my future career,' Xavier said.

Fatima said she would recommend the Youth Parliament program to other students as it is an 'enjoyable way to develop skills such as research and public speaking and provides a unique opportunity to engage with young people from across Western Australia.'

House Athletics: Sampson is the victor

MARK MUIR, HEAD OF HEALTH AND PHYSICAL EDUCATION



It was a treat for our whole school community to be able to get together and celebrate our school at our annual House Athletics Carnival at the WA Athletics Stadium. It has been a difficult year for everyone with so many events cancelled due to Covid-19 so it was a wonderful opportunity to enjoy the competition and positive atmosphere and reflect on how fortunate our community and State is.

Students and teachers dressed in their brightest and most creative House outfits with the Year 12 cohort being especially colourful and vocal during the traditional 'run past' parade to conclude the day. Sampson were outstanding winning both the Novelty Cup and the overall Champion House Cup.

Congratulations to all participants for their enthusiasm and a big thank you to all staff and parent and student officials who helped make the carnival such a success.

Year	Girl Runner Up	Girl Champion	Boy Runner Up	Boy Champion
7	Jasmine Wu (Downing)	Rosanne Arul Raja (Sampson)	Joshua Vong (Parsons)	Devadathan Menothuparambil (Downing)
8	Isabella Blyth (Sampson)	Kirsten Petterson (Parsons)	Sho Okazaki (Parsons)	David Esdale (Downing)
9	Emma Black (Brown)	Lillie Sartori (Sampson)	Kenichi Makita (Brown)	James Chansbury (Brown)
10	Xiaofu Wang (Sampson)	Josie Trent (Downing)	Kevin Tirta (Sampson)	Monty Bolton (Brown)
11	Annika Leunig (Brown)	Emily Mawle (Downing)	Ryan Jeong (Downing)	Dhaarshnna Krissnhan Murithi (Downing) Joel Brooker (Parsons)
12	Elia Fatin (Downing)	Chloe Fairhead (Brown)	Sisan Weerasinghe (Downing)	Remi Young (Sampson)

ABOVE: House Athletics Year Champions and Runners Up.



1st	Sampson	4674
2nd	Downing	4448
3rd	Brown	4145
4th	Parsons	3845

1st	Sampson	645
2nd	Parsons	610
3rd	Brown	590
4th	Downing	585

BELOW: Sampson House captains Genevieve Ryan and Remi Young celebrate Sampson being awarded the 2020 House Athletics trophy.





R U OK? Day



One Friday lunchtime saw the oval buzzing with energy and fun to promote R U OK? Day and the associated message that a conversation could change a life.

The idea behind R U OK? is to inspire and empower everyone to meaningfully connect with the people around them and start a conversation with anyone who may be struggling with life. Students were encouraged to dress in bright colours in return for a gold coin donation to benefit the R U OK? Foundation's important work.

As part of the enjoyable atmosphere students enjoyed a free dress day with an extended lunch where the Student Councillors provided a sausage sizzle, delicious treats were up for sale with a bake sale, as well as a Succulent Stall from the Sustainability Advocacy.

Live entertainment from our talented students added to the fun and the much anticipated 'Teachers v Students' game of dodgeball drew in a crowd of eager observers.



A conversation can change a life:

**THERE'S
MORE TO SAY
AFTER
R U OK?**

What you're going through isn't easy. It's good we can talk about it.

That's tough. Keep talking. I'm listening.

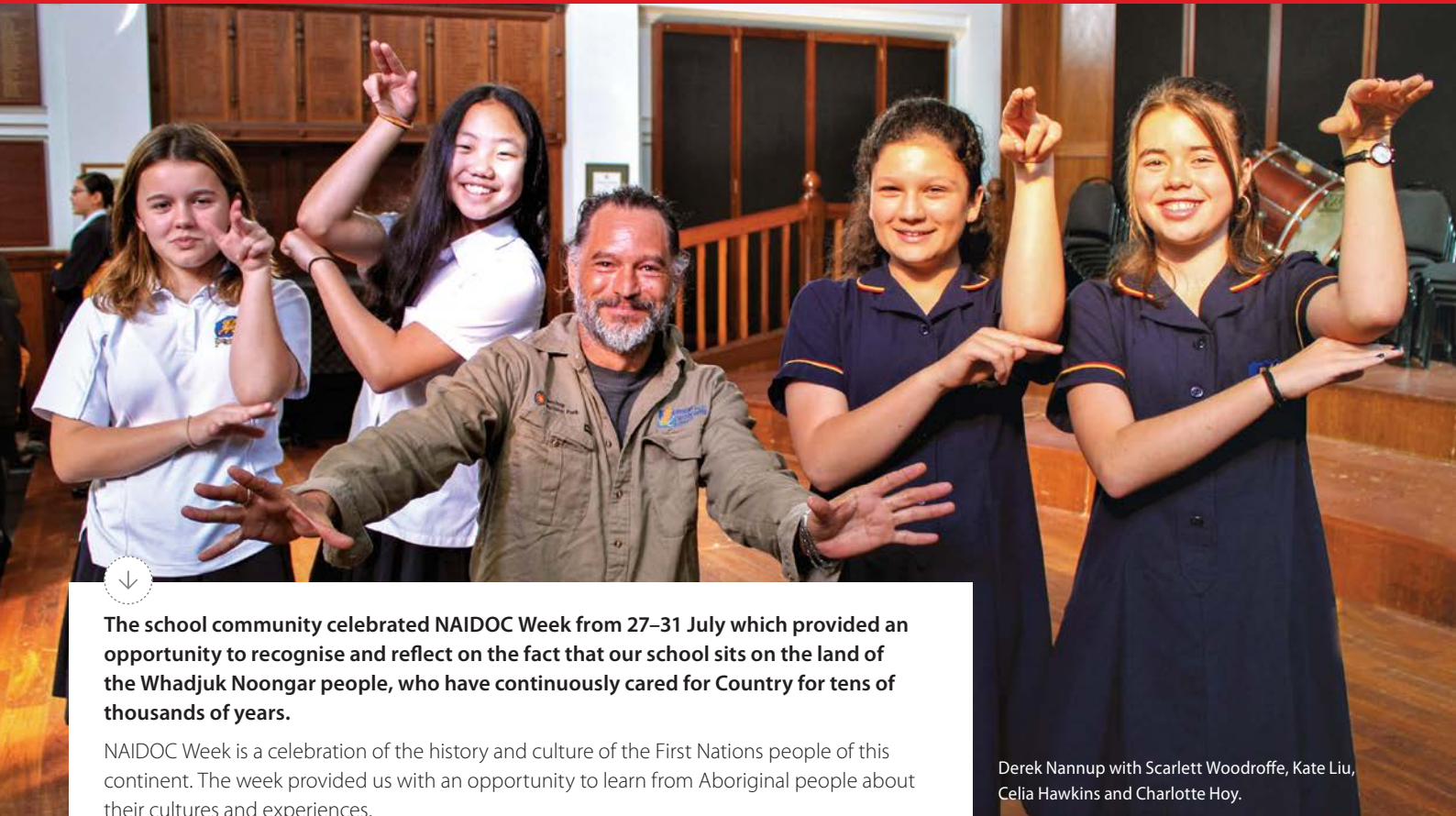
Have you been feeling this way for a while?

It sounds like that would be really tough. How are you going with managing it?



NAIDOC Week activities bring people together

GERARD MAZZA, NAIDOC WEEK COORDINATOR



Derek Nannup with Scarlett Woodroffe, Kate Liu, Celia Hawkins and Charlotte Hoy.

Flewnt performs at the NAIDOC Week assembly.



The school community celebrated NAIDOC Week from 27–31 July which provided an opportunity to recognise and reflect on the fact that our school sits on the land of the Whadjuk Noongar people, who have continuously cared for Country for tens of thousands of years.

NAIDOC Week is a celebration of the history and culture of the First Nations people of this continent. The week provided us with an opportunity to learn from Aboriginal people about their cultures and experiences.

We started with a whole-school assembly with special guest Josh Eggington—a Noongar hip-hop artist who performs under the name 'Flewnt'—showcasing his amazing talents. Flewnt showed us that Noongar culture is a rich and ongoing tradition, which finds new forms of expression today. At the assembly, Year 9 Visual Art students also shared two large paintings they had created in collaboration with Noongar Elders during their camp in York.

On Tuesday, cultural guide Derek Nannup from Yanchep National Park spoke to various groups of students and staff about Noongar culture, family structures, art, dance and custodianship of land. Derek shared his knowledge with great humour and generosity.

On Wednesday, David Collard, a signatory of the *Uluru Statement from the Heart* on behalf of the Noongar people, spoke to Year 9 students about the ongoing movement for rights and justice for Indigenous peoples in Australia. By sharing his own stories, David gave meaningful insight into issues that Year 9 students had recently studied in HASS classes.

On Wednesday during Advocacy, students learnt some Noongar language. A group of students also went on an excursion to the Art Gallery of Western Australia to view the *Six Seasons* gallery of Indigenous art.

On Thursday at lunchtime, students from the 'Follow the Dream' program at Belmont College came to Perth Mod for a girl's AFL match, followed by pizza and discussion. Students from both schools had a great time playing and chatting together.

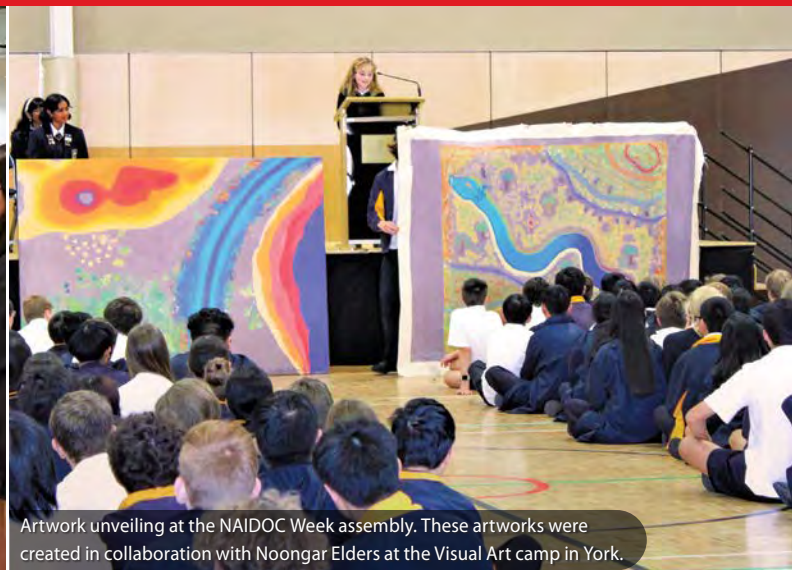
The week following NAIDOC Week, Sustainability and Food Technology students came together to establish the school's new Bush Tucker Garden, under the guidance of Marissa Verma from Bindi Bindi Dreaming. We were all in awe of Marissa's knowledge of the varied uses of different native plants. We hope to have Marissa back in the future to develop the garden further and teach us how to cook with our produce.

All of these events were organised with the involvement of a passionate group of students who have been part of the school's Reconciliation Working Group. I thank these students and the many staff who brought so much energy and enthusiasm to the cause of Reconciliation.

If our global societies are to find ways of living that are truly sustainable, there is so much that we must learn from Indigenous cultures. I hope that in the years to come, Perth Modern School can find ways to further build respectful and meaningful relationships with First Nations people, and in particular, the Noongar community.



Visit to the Art Gallery of Western Australia's *Six Seasons* exhibition.



Artwork unveiling at the NAIDOC Week assembly. These artworks were created in collaboration with Noongar Elders at the Visual Art camp in York.



Girls' AFL pizza lunch.



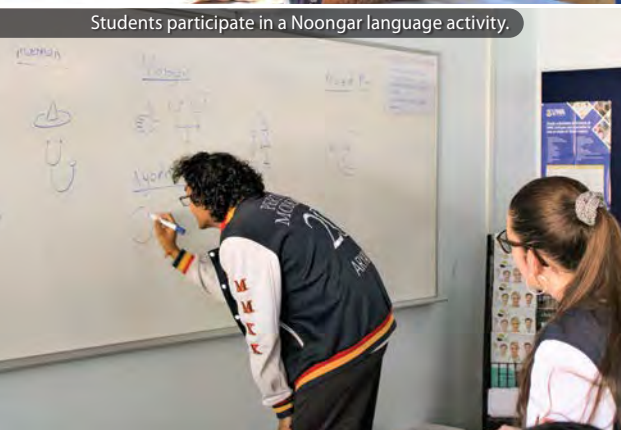
Girls' AFL match teams: Belmont College vs Perth Modern School.



Marissa Verma from Bindi Bindi Dreaming helping students with the school's new Bush Tucker Garden.



Students hard at work in the Bush Tucker Garden.



Students participate in a Noongar language activity.



NAIDOC Week cake for the House Bake Off.

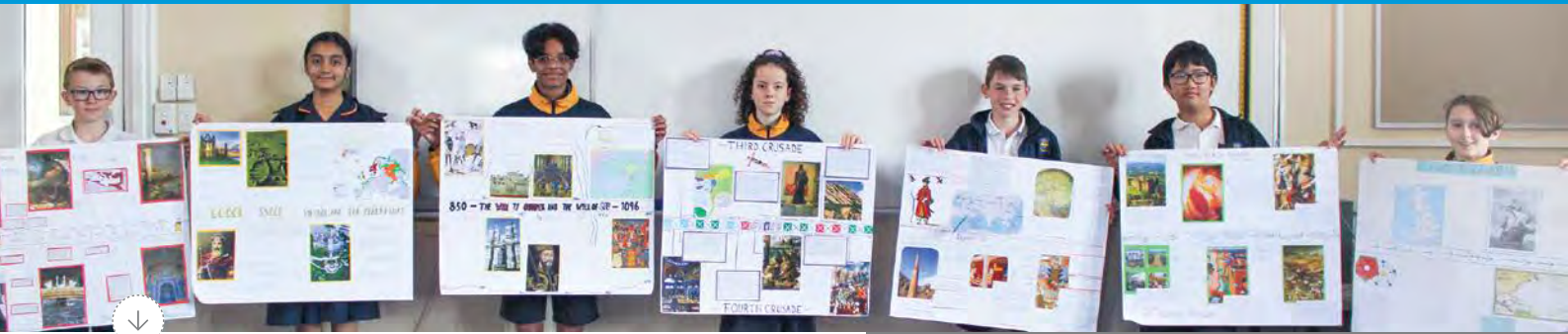


Cupcake entry that tells a Dreaming story.

Tiddalick the Frog
Tiddalick was a greedy frog, who one day, drank all the water in the billabong. All the other animals were very angry and wanted to get the water back. They tried to make Tiddalick laugh the water up, but it didn't work. But when the snake accidentally tied himself into a knot, Tiddalick laughed so much that all the water rushed back into the billabong. From that day on, Tiddalick was never greedy again.

A collaborative exploration of the Medieval Age

ANISH BADGERI, HASS TEACHER



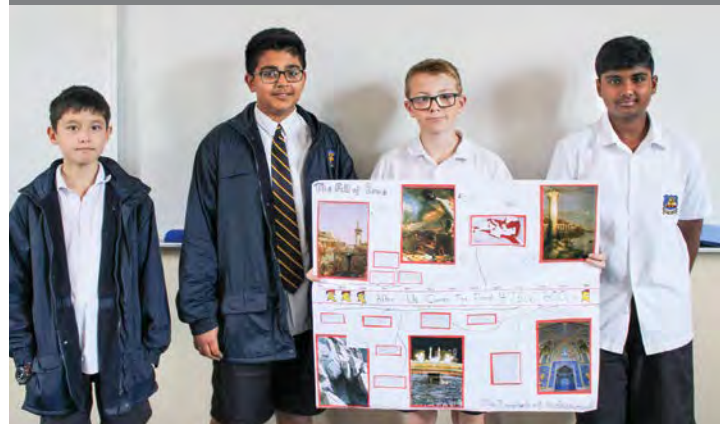
In Humanities and Social Sciences this term, Year 7 students had the opportunity to explore the Medieval Age including significant historical events such as the fall of the Roman Empire, the Crusades, and the Black Death as well as key individuals such as Charlemagne, Marco Polo and the Prophet Muhammad.

At the start of the unit, students completed a 'Giant Timeline' of all the key events from the time period. This cooperative activity required students to take on the role of archaeologists, historians, and curators to assemble a collaborative timeline of the Medieval Age. Groups researched two key events or people from the Medieval period and analysed the cause, impact and significance of them.

Each role within the group had special responsibilities that included researching and investigating key events, summarising findings, curating the design and formatting of the poster, and assembling the final product. The final class 'Giant Timeline' spanned from 476CE to 1492CE. The final pieces looked amazing!

ABOVE: James Gray, Svava Bhat, Deva Menothuparambil, Helen McCaul, Riley Wilson, Joe Wong and Toby Syers.

BELOW: Jamie Baudinette, Teerth Chauhan, James Gray and Brandon Fernando.



Students hard at work on the timeline.



Helen McCaul

Joe Wong



Gold, Silver and Bronze wins for Maths Olympiads

MARK WHITE, HEAD OF MATHEMATICS



We have had an amazing Term 3 full of Maths Olympiads and competitions with many top awards.

Australian Senior Maths Olympiad

In August we were invited to enter students into the exclusive Australian Senior Maths Olympiad (Senior Contest) which is only open to the top 100 senior students in Australia. This is considered the most difficult of all the maths Olympiads.

Perth Modern students achieved one gold, two silvers, four bronzes and one Honourable Mention awards.

Congratulations to:

Gold: Micah Sinclair in Year 11

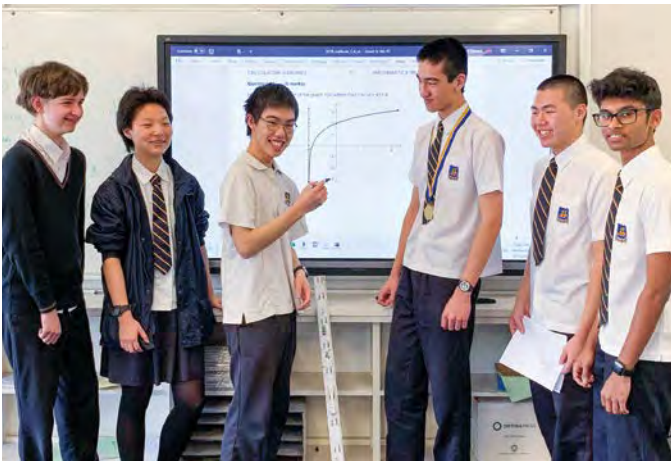
Silver: Lawrence Nheu and Keith Wong in Year 11

Bronze: Valiant Asfar, Elle Chentang and
Sithum Somarathna in Year 11 and
Ethan van Bruchem in Year 10

Honourable Mention: Haoran Yang in Year 11

A feature on these amazing young mathematicians appears on page 12 of this issue.

Maths Olympiad: Ethan van Bruchem, Elle Chentang, Lawrence Nheu, Micah Sinclair, Haoran Yang and Sithum Somarathna.



Australian Maths Competition

We also entered 900 Perth Modern students into the Australian Maths Competition and won 12 prizes (top 0.3 per cent), 112 High Distinctions, 309 Distinctions and 269 Credits.

The prize winners were:

Year 7: Dyuthi Anoop, Chengjun Shen, Matthew Ahn and Ethan Xu

Year 8: Joel Bariss

Year 9: Aaron Teo, Max Judd and Zuokang Qu

Year 10: Samuel Thoo and Chen Yu Lim

Year 11: Lawrence Nheu

Year 12: Christopher Leak

Australian Informatics Olympiad

In the middle of the term we entered students into the Australian Informatics Olympiad which measures programming and algorithmic reasoning. Perth Modern won one silver and three bronze awards.

Congratulations to:

Silver: Santi Chua

Bronze: Atharva Sathe
Yu Qiu and
Matthew Choy

Santi Chua in Year 7
won a silver in the
Australian Informatics Olympiad.



Origami workshops

Students in Year 7 Mathematics were treated to some origami workshops run by their peer Levi van Bruchem who wanted to test a potential activity for Maths Week later in the year. Students worked in groups and made Japanese Brocades, combining a craft activity while reflecting on some of the underlying mathematical/geometry concepts along the way.



FROM TOP: Origami made in the workshop run by Levi van Bruchem.

At the origami workshop: Angelyn Shindunata, Damini Chu, Sowmya Sundru, Sophie Nham, Dylan MacDonald, James Lazuardi and workshop facilitator Levi van Bruchem. Origami fun: James Lazuardi, Levi van Bruchem, Alex Crosbie, Finn Bradfield, Samuel Killick and Aakash Gogulakrishnan.

Sphinx Society Breakfast



Students in Years 10–12 who obtained Sphinx Society membership in Semester 1 for their outstanding academic achievement were invited to two special presentations by Professor Andrew Rohl and Dr Linda Monshizadeh followed by a breakfast.

Shyna Shah, Parth Maheshwari, Program Coordinator Heather Boyd, Careers Advisor Sharron Marron, Dr Linda Monshizadeh, Principal Lois Joll, Professor Andrew Rohl, Head Boy Dylan Crowe, Jessica Bruining and Associate Principal Val Furphy.

GUEST PRESENTER: PROFESSOR ANDREW ROHL

Professor Rohl is a leading expert in the application of supercomputing and computer simulation technologies in materials chemistry with more than 135 published papers to his name. He completed an honours degree in Chemistry at UWA before moving to the UK and obtaining a D. Phil. from the University of Oxford. He then undertook post-doctoral studies at the Royal Institution of Great Britain in London, where he used supercomputers to solve important problems for the oil industry. Returning to Perth in 1996, he used supercomputing to solve problems of relevance to the mineral processing industry.

In 2004, Professor Rohl became the Executive Director of iVEC and developed a successful partnership across five institutions to provide major advanced computing facilities for all Western Australian researchers. This culminated in the \$80 million Pawsey Centre, a world-class purpose-built data centre at Technology Park that houses one of the largest supercomputers in the Southern Hemisphere.

In 2012, Professor Rohl returned to his substantive role as Professor of Computational Science in the Department of Chemistry at Curtin to continue his research career. In 2015, he became the inaugural director of the Curtin Institute for Computation as well as the academic lead in the Cisco led Innovation Central Perth located on the Curtin Bentley campus.

In 2018, he was awarded \$3.9M from the ARC to lead the Training Centre for Transforming Maintenance through Data Science.

GUEST PRESENTER: DR LINDA MONSHIZADEH

Dr Linda Monshizadeh completed her medical training at the University of Western Australia (UWA) in 2007, graduating with a degree in Bachelor of Medicine and Bachelor of Surgery with Honours. Linda commenced five years of specialist training with the Royal Australasian College of Surgeons in 2012 and was formally awarded her FRACS qualification in plastic and reconstructive surgery in 2017. During this time, she was awarded the Gordon Baron-Hay Award for best research paper.

Dr Monshizadeh then undertook two-years post-fellowship training which was dedicated to her subspecialty interest of paediatric and adult Craniomaxillofacial surgery. The first year of training was under the supervision of Professor David David AC, at the internationally renowned Australian Craniofacial Unit in Adelaide, South Australia, followed by further training at the Westmead Children's hospital in Sydney, NSW.

During this time Linda furthered her studies and was awarded her Masters of Craniofacial Surgery through Macquarie University, Sydney. She also won the University research prize, recognising academic excellence in evidence based practice. Linda has returned to Perth, and currently holds consultant positions at Perth Children's Hospital and Sir Charles Gairdner Hospital where she undertakes work in Plastic and Reconstructive surgery as well as her subspecialty area of Craniomaxillofacial surgery. Dr Monshizadeh is actively involved with a number of trusts and humanitarian organisations and takes part in annual missions abroad to provide cleft and reconstructive plastic surgery to developing nations.



FAR LEFT: Rheannon Lazar, Hannah Reynolds, Brooke Taylor and Huda Zaidi.

LEFT: Kevin Tirta, Zhai Bassett, Kiran McLernon and Jack Hughes.



Morgan Parker, Joshua Soon, Wen Zhu and Matthew Han.



Gabriel Raharjo and Evander Agung.



Kristy Chau, Alisha Fok Lok and Susanna Che.



Oliver Christiansen, Asher Tan and Lachlan Smith.



Parth Maheshwari and Dean Winarto.



Ella Fung and Clarise Yu.



Felicity Bayne, Khush Shah, Adam Houlton and Jade Seabrook.



Harriet Keenen, Nyah Gray and Germaine Phoon.



Aryan Gupta, Hannah Reynolds and India Creed.



Nicholas Garcia and Raghav Ganapathy.

Mod debaters take it to the next level

LOUISE SECKER AND ANISH BADGERI, DEBATING COORDINATORS



Junior Semi-Finals:

Tully Leonard-Kelly, Rishita Sarkar and Grace Sinclair.



Senior Semi-Finals:

Anna Pedersen, Nyah Gray, Ann Cao and Fatima Merchant.



Senior Semi-Finals:

Campbell Moffatt and Aryan Gupta.

BP Debating Competition

The 2020 BP Debating Competition was one of the many debating opportunities our students were able to participate in this term. Overall, 30 students from Years 8-12 took on the challenge of BP Debating. BP Debating involves students participating in three debates in a day, with only 30 minutes to prepare for each topic.

A total of five Perth Modern School teams participated in the semi-finals, with Nyah Gray and Anna Pedersen in Year 10 qualifying for the Senior Grand Final and Grace Sinclair and Rishita Sarkar in Year 9 qualifying for the Junior Grand Final.

Grace and Rishita were proposing the motion that 'This House as a feminist parent would raise their child to boycott Disney movies'; whilst Nyah and Anna were opposing the motion that 'This House would privatise economically failing towns'.

The students did an impressive job of persuading the five-person adjudication panel, and presented some very unique and compelling arguments. Both teams were runner-up champions in their division with Nyah and Anna facing off against some highly experienced Year 12 teams in the Grand Final including members of the State Debating Team.

Well done to all teams who participated in this challenging competition and we look forward to continued debating success in 2021!

Junior Internal Debating Competition

A number of our Year 8 and Year 9 students competed in an internal debating competition against each other this term. They debated a variety of topics across four rounds on issues such as politics, education, health, and economics.

The first two rounds of debates were prepared, with teams receiving support from experienced coaches. Afterwards, the teams participated in impromptu debates which gave them only an hour to prepare for their debates!

After a competitive semi-final round, the top two teams faced off in the Grand Final debate with the impromptu topic 'That we regret the emphasis on STEM in education'. In what was a very close debate, the adjudication panel awarded the win to the affirmative team in a split decision. Congratulations to Grace Sinclair, Rishita Sarkar, Max Judd and Neo Ung for winning the Junior Championship!



Junior Champions: Grace Sinclair, Rishita Sarkar, Max Judd and Neo Ung.



Year 7 debating students.

Year 7 Debaters take on State School rivals

The inaugural State Schools Debating Competition had more than 50 Year 7 students from Mod participating. We are very proud of the enthusiasm, dedication, and bravery demonstrated by our Year 7 students in taking on such a daunting challenge!

The State Schools Debating Competition brought together more than 20 teams from Perth Modern School, Shenton College, Mt Lawley SHS and Bob Hawke College. Students competed in a round robin series of five debates over the term on topics such as abolishing homework, compulsory online

learning and banning TikTok. Teams had only one week to prepare for each topic, with support received from teachers and experienced coaches.

Congratulations to all teams that gave it their best for this opportunity! Spending countless mornings at coaching, writing arguments,

and standing up in front of a room of people to present speeches is no easy feat and we are very proud of our Year 7 debaters for their diligence. By the end of the Competition, two of our teams were crowned Division Champions, with two others being Division Runner-Ups.

A special congratulation to Clara Aviso, Suhi Kaur, Caitlin McLeod, Avishi Prasad, Charlotte Hoy, Sophie Nham, Elaina Roy, Navya Shah, Rhea Sharma and Fearn Van Beek who were part of the winning Division teams.

The Law Society of Western Australia Mock Trial Competition

TIE CHISHOLM, MOCK TRIAL COORDINATOR

The Mock Trial Competition is a dynamic and interactive competition that provides an avenue for students to get an experience of being in the legal profession.

The students are provided with a scenario in which they assign each of the different roles required in a trial and then prepare their case to present in front of a Judge.

We registered three teams for the competition this year, meaning we had 36 students involved all of whom thoroughly enjoyed the experience. The students dedicated an enormous amount of time towards the competition, participating in training sessions each week and attending the trials themselves outside of school time.



Mock Trial participants.

We were immensely proud of their hard work, sharp legal minds and commitment to the competition. Each team were successful in two out of their three trials but did not qualify for finals. Students are already planning for next year and to go one step further and make the finals.

Keeping the House spirit alive

FRANCESCA CANDATEN, SAMPSON HOUSE LEADER



Term 3 was a very pleasant term full of activities for House participation with the reducing restrictions for the virus being very well timed. The term began with activities including our annual House Bake Off and term advocacy competitions with students doing an excellent job representing their Houses.

Halfway through the term the school participated in the annual House Athletics Carnival which included lots of house spirit from all years. This year was the last House Athletics Carnival for the Class of 2020 and it was fabulous to see them demonstrating their house spirit by dressing up in their House colours. The term ended with a House chess competition and a sentimental farewell to our Year 12 cohort in their final House assemblies.

Downing House captains Jack Tonkin and Ruo Xuan Lee address the Term 3 House assembly.



House Athletics Carnival

Although the Covid-19 issue had us wondering if it would be possible to hold the Carnival this year, we were so lucky that the unique situation in Western Australian allowed us to proceed.

Students dressed up in their bright House colours and many of the Year 12 students celebrated their final Perth Mod carnival by wearing creative costumes, from swimwear to a construction uniform. We had amazing luck with the weather, being a warmish, sunny day that was not too hot. It was such a fun day to compete against as well as socialise with friends. Sampson took the crown for both overall results and the novelty in a very close competition.

LEFT: Year 12 students Jason Zi Ran Li, Christie Lim, Nina Adam, Genevieve Le and Jasmyne Le celebrating their final Perth Modern House Athletics Carnival.



The House Athletics Carnival was hard fought with Sampson ending up victorious.



ABOVE: Sampson House Captains Genevieve Ryan and Remi Young raise the trophy.

LEFT: Jasmine Willoughby and Marc Hauck enjoyed the House Athletics Carnival.

House Chess

Our students have many talents as shown in our vast variety of competitions and clubs. In Term 3, students competed in the annual House Chess competition which sparked great interest and enthusiasm from a range of students in all years.

Congratulations to the Houses that won the year group divisions in this tightly fought competition and all students and teachers who participated for their efforts and commitment.



House Advocacy Competitions

Our Advocacy competitions continued with great enthusiasm with most students representing their Houses in fun and creative ways.

Year 7 students competed in a Kahoot quiz with Sampson taking the title of 'Kahoot King'. Year 8 students competed in charades with Downing coming first. Year 9 students competed in a game called 'Drawing whispers' which Brown won.

The Year 10 students also did a Kahoot in which Sampson came first. Year 11 students deciphered a code with Parsons coming first. Finally, Year 12 students completed a Kahoot for their final advocacy activity which Downing won.

The overall results were very close, but Downing won the overall title this term. I hope in Term 4 students continue with even greater enthusiasm and participation to help their House take the overall trophy home!



House Bake Off judges Jamie Morris and Jessica Lhota.



House Bake Off

Seeing the delicious cakes, biscuits and slices all lined up, who couldn't love House Bake Off?

Over three weeks students sent in entries for the themes 'NAIDOC', 'Culture' and 'House Spirit'. For all of these we had a wide range of talented people submitting amazing foods, from cupcakes to damper to cookies. This was an awesome opportunity for all our aspiring chefs to come together and have a friendly competition, all the while building their skills. Lots of effort was put into these terrific pastries and the students who participated in any of these categories should be commended for their efforts and house spirit. House Bake Off this year was a blast, and we expect to see many more of you guys entering next year!



Ava van Dommelen



Nuala Holland



Where are they now?



ANISH BADGERI

Perth Modern School student 2008–2012. Head Boy.

What programs at Perth Mod were you involved in?

I started in 2008 and graduated in 2012. Over the years I was actively involved in programs such as debating, music, and Student Council. In Year 12 I was elected Head Boy and enjoyed being a part of ensembles such as Phoenix and Schola Cantori.

What did you study after leaving Mod?

I chose to study a Bachelor of Philosophy (Honours) degree at UWA with majors in Economics and Political Science & International Relations. I also studied a concurrent Diploma of Modern Languages in French. The aim was to then pursue a postgraduate degree in Law.

Did you receive a scholarship to University? If yes, what was it and how did it help you academically?

I was offered a Fogarty Scholarship at UWA which exposed me to a fantastic network of motivated and high achieving young people. The Fogarty Program also includes a number of leadership workshops and speaker panels on a diversity of career fields. The scholarship included financial support for course fees and overseas study, and I had the opportunity to learn Mandarin in China and Taiwan.

What did you do beyond University after Mod?

Perth Modern school instilled a strong sense of community and the desire to 'give back' and I embodied this in my University years. I continued my passion for debating by coaching teams at Mod as well by serving as President of the WA Debating League (WADL) in 2017. I was also heavily involved with UN Youth Australia including Convening the UN Youth National Conference in 2017 and being on the National Board of Directors in 2018. Both of these experiences allowed me to travel around Australia to judge events such as the National Debating Championships and National Voice Finals, in addition to running workshops in Alice Springs and Christmas Island.

Why did you choose to pursue a career in education and why did you want to teach at Mod?

The culture of achievement at Mod made me think that my only future options were to study Law, Medicine, or Engineering. My lack of interest in Maths and Science (sorry Mr Staffe and Mr Meczes!) meant that I only considered Law as a viable option.

However, being involved with WADL and UN Youth made me realise that my true passion was for education—especially in terms of providing unique educational opportunities for young people.



I started my teaching journey with Teach For Australia and worked at Butler College for two years. It was a highly rewarding experience, particularly in terms of facilitating extracurricular programs such as debating.

This was a big motivating factor in my decision to teach at Mod—the ability to provide very enriching and challenging opportunities for students beyond the classroom to learn about the world around them.

I've really enjoyed leveraging my debating and UN Youth experience to help students develop critical lifelong skills such as teamwork, public speaking, and critical thinking.

If you could relive high school all over again, what would you do differently?

The biggest thing I would change about my time at Mod is my attitude towards the ATAR and how much emphasis I placed on it. I was a much happier person when I adjusted these expectations for myself and focused more on the experience of learning rather than the results attached to it. This is a value that I actively try to embed and teach in my classroom today!

Anish Badgeri in class with Year 9 students Eric Townsend and Katelyn Sanders.



EE-FAYE CHONG

Perth Modern School student 2008–2013.

What profession are you currently working in and what does it involve?

I'm a geospatial data analyst at Geoscience Australia, a government agency based in Canberra. My job involves manipulating and visualising open-source satellite data. For example, we produce tools that help identify crops, map deforestation and track illegal mining.

My current project is called Digital Earth Africa and is dedicated to products for the African continent. The aim is to create a self-sustaining data analysis platform that will be managed and used by people in Africa.

Describe a typical day where you currently work.

Pack lunch and snacks. Cycle to work. Quick check-in with all team members on what everyone is focusing on today. Work with my colleagues on collecting data for verifying and improving our analysis algorithms. Drink water. Spend some time focusing on my own area of analysis—at the moment I am documenting multidimensional statistical values but was previously looking at data quality. Ask people to explain things to me. Eat my snacks.

What did you study after leaving Mod and what are your current career/academic goals?

I did a Bachelor of Philosophy (Science) at the Australian National University, with honours in plasma physics. In WA you might be more familiar with the similar BPhil program. For someone who didn't know what they wanted to do, the best part was the flexibility. I got to try lots of research projects as an undergrad, including computational chemistry and mechanical biology. It led me to geodesy, which was my first introduction to satellite data.

I also did a diploma of languages in Japanese, which was good fun and gave me a chance to learn about linguistic and cultural dialogues. Science can get a bit esoteric.

My current goal is to raise awareness of water management in the Murray-Darling Basin and advocate for an aggressive transition to renewable energy.

How did Perth Modern help you grow as an individual and a scholar?

I was lucky to have a bunch of inspiring and memorable teachers who always encouraged me to prioritise challenges over the fear of failure. Confidence that you'll make it through is better than confidence that you're right.



What are your favourite memories of your time at Mod?

Many things, but I am forever grateful for the Music program.

If you could relive high school all over again, what would you do differently?

Normalise seeing counsellors or psychiatrists the way people see GPs to get check-ups.

What led to your current career path?

When I realised I'd accidentally become a physics major I got spooked and ran away next door to the department of Earth sciences. They use physics to do things with real-life applications—I was sold. The official term is 'physics refugee'.

I ended up going back to physics, but physics and physics-adjacent applications outside academia continued to interest me.

What else have you achieved/been involved in since your time at Mod?

In no particular order: started kitchen scrap composting, going to parkrun, and volunteering with the meriSTEM program, which creates free high quality high school STEM subject material for teachers and students. I also make a mean carrot cake now.

Ee-Faye Chong (second from left) with friends.



JOHN NICHOLLS

MEET THE MAN WITH THE RELIABLE VOICE FROM THE 6PR NEWS DESK

LEE TATE, 'HAVE A GO NEWS'

In the media world, with its smattering of healthy egos, you will never hear John Nicholls blow his own trumpet.

In his nearly three decades presenting 6PR news, John has been the steady, reliable hand flying high but always under the gossip radar.

As an accomplished musician, John does blow a mean trombone and the Perth Modern music scholarship graduate has become handy on the drums. But all away from the spotlight.

John, 60, explains his fateful and fortunate decision to opt for journalism over his course of physics, chemistry and high maths at UWA. John switched from UWA to WA Institute of Technology (WAIT), now Curtin University, because only they offered a Bachelor of Arts, English degree with a major in journalism.

Having cruised through Gosnells Primary School, Perth Modern, UWA and WAIT and armed with his degree, John followed media tradition to get started in the media world and headed into the country for a job.

He signed-on as a radio announcer in Narrogin, then was promoted to Bunbury in the early eighties before a fateful day when he saw a piece of paper on the radio station's photocopier.

'I don't know whether someone had left it there deliberately for me to find but it was an advertisement for an ABC announcer. That was a cream job and I applied,' said John from his northern suburbs home. 'In those days you had to have a degree to get into the ABC so I'm glad I had done that.'

For three years until 1986, John worked happily as ABC Perth general announcer. Wooed to 6PM, he became a familiar news voice from 1986 to 1992 before being offered his role at 6PR 27 years ago.

Along the way John married Steph, a teacher, and they have two musically-gifted daughters, Julia, 24, and Lucinda, 21. Roll out the family band?

Yes, the family grouped as a band but only for the neighbours on a Sunday afternoon, the Nicholls quartet playing on their front lawn—with neighbours keeping their social distance, of course.

To back their daughters, Steph, with experience as school musical director, played keyboard with John on drums. Julia is a violinist (studying musicology) and Lucinda, who plays various instruments, is focussing on singing. They performed well-known favourites to rounds of applause along the street.



Life was sweet for Perth-born John, until he received a diagnosis of prostate cancer.

'It was worrying for a day or two but then I thought that since they got it early and if they take the prostate and the cancer out, it would be alright,' he said.

After a month off work, John bounced back. Steph planned a celebration, booking an overseas jaunt, to London and Liverpool where John, a long-time Beatles fan, revelled in their guided tour of the Beatles' home territory.

'In England they never knock anything down and we were able to see the places and the plaques commemorating The Beatles. I looked up at the building where The Beatles performed *Let it Be*. And in England, we also saw snow for the first time,' he said.

John says they like getaways to the south west and lately to Binningup but haven't been big travellers.

John follows the world's news closely 'to understand what the story is and to pick-up names and pronunciations.'

He has never wavered from his lifelong radio interest.

'I love radio. I love the talk on radio and getting a story across,' the veteran said.

John paces his life, including his regular running a few times a week.

'I did a marathon two years ago but that'll probably be my last,' he says.

But he's continuing his marathon stint at the microphone, reassuringly breaking the news in his regular noon to 6pm slot.

Getting set for work, John pulls up his Beatles-logo socks and reveals that another endurance task is under way—reading the hefty, three-volume biography of The Beatles.

KARTIKEYA BISHT

Perth Modern School student 2014–2018. Head Boy.

What did you study after leaving Mod?

I am studying a Bachelor of Biomedical Sciences, majoring in Medical Sciences and Computer Science to pursue the direct pathway to Doctor of Medicine at The University of Western Australia.

What profession/business are you currently working in and what does it involve? What else have you achieved/been involved in since your time at Mod?

I am working as an Equity Analyst at UWA SMIF (Student Managed Investment Fund) where my role involves constructing Stock pitches and presenting them to the Viburnum Fund as well as actively managing a portfolio.

I have also been running my own business, SAI Academy (ABN: 74696142308) with the help of my twin brother Revant. At SAI Academy I offer tutoring in Mathematics (Methods and Specialist), Chemistry, Physics and Economics to Years 11 and 12 Students. The tutoring is aimed to improve the academic performance of Year 11 and 12 students, catering specifically to Mod students. The tutoring sessions run every day from 3.30–7.00pm at Perth Modern School. I also offer free tutoring to some students who are from a financially disadvantaged background.

I am a UWA student pursuing medical science and computer science. I complete the bulk of my work for these courses during off times when I am not working for SAI Academy or UWA SMIF.

In addition, I am working on a Deep Reinforcement Learning program that utilises a ‘reversion to mean’ strategy to be able to trade the US:EURO forex market.

I have certainly kept very busy since graduation!

Describe a typical day where you currently work.

UWA SMIF: The UWA SMIF carries out meetings once every week where we discuss market conditions, review our current equity portfolio and carry out due diligence into prospective future investments.

SAI Academy: I am involved at SAI Academy throughout the week (Monday– Friday), teaching Year 12 students Monday to Wednesday and Year 11 students Thursday and Friday.

On a daily basis I work to develop new resources, update previous resources, complete pending solution and deliver classes to Year 11 and Year 12 students. I also support my Years 11 and 12 students throughout the day via Instagram and Messenger.

What are your favourite memories of your time at Mod?

I enjoyed my time at Mod immensely and some of my favourite memories would include the lunchtimes I spent with my friends—in our group more than 40 boys would play soccer on the oval or hang out in the refectory. I also fondly remember my time with the other student councillors during council camp, Mufti Day etc as well as my duties as head boy.

How did Perth Modern help you grow as an individual and a scholar?

It helped me develop a “growth mindset”—studying with other like-minded peers who excelled at academics motivated me to also try my best at each and every subject and to develop a good work ethic. My love for the sciences and mathematics was also instilled at Mod.



Mod offered me a plethora of opportunities that helped broaden my perspective as an individual and a scholar.

This includes the opportunity to serve as the Head Boy, a member of the Student Council, the Music program as well as the opportunity to take part in various competitions from ICAS to the AMO.

If you could relive high school all over again, what would you do differently?

I would not change much in my high school experience, however if I were to relive high school all over again, I would study computer science and continue with music ensembles till the end of Year 12.

What led you to choose your current career path/area of study?

Medicine: I wanted to study medicine and graduate as a doctor because in my opinion it is the best and highest pursuit of a life's work for someone who loves solving problems and wants to make a positive impact in the lives of other people. Medicine has always involved extremely complex processes with dozens of outcomes, scores of factors and uncertainty about every element. Therefore, as someone who loves problem-solving, I was naturally inclined towards medicine as my area of study.

Computer Science: I had always wanted to pursue a second major and was inspired to study mathematics and computer science after watching AlphaGo—an AI program produced by Google's Deep Mind that defeated the world's best player at the incredibly complex game of Go. I was especially fascinated by Deep Reinforcement Learning—where intelligent machines can learn from their actions, similar to the ways humans learn from experience. I believe there are endless applications for Deep Learning and Artificial Intelligence. One example is using AI to measure blood flow and predict cardiovascular risk.

What do you enjoy doing in your spare time?

In the little spare time I have, I love reading articles and watching videos about new frontiers in technology as well as keeping up with current affairs. I also enjoy hanging out with my friends at university whenever I have the chance. On weekends I really enjoy cycling with my father.

What are your current career/study goals?

My current study goals are to complete my double major with high grades and I aim to apply what I am learning through the computer science major in the field of medicine. I also aim to maintain the quality of my tutoring service whilst managing other social and academic commitments.

Studio 64 Community Mural Stage 3

KATIE CHIN, VISUAL ART TEACHER



Afterschool art club students, who had designed Stage 3 of the South Perth Studio 64 Community Mural in Term 1, were finally given the go-ahead to get out the spray cans and paint brushes, creating an underwater river scene, complete with jellyfish, blowfish, blue manna crabs, a South Perth Ferry and leaping dolphins. Studio 64 is a childcare centre.

The children at the centre have thoroughly enjoyed their colourful scenic wall of the foreshore, parks and bushland and were very excited to see the next instalment.

Starting early on a Saturday morning 10 students spent the whole day extending the mural of the foreshore—long reeds with hidden wildlife such as frogs, tortoise, heron and a duck and ducklings on the river.

Working with a variety of media including spray paints, acrylic paint and paint pens the team worked collaboratively, creating a beautiful and detailed mural which children at the centre are sure to enjoy for years to come.

The mural was a real group effort.



Edie Simpson



Monroe Wang and Rayan Jape.



Ray Liu

Sherry Zeng



Kezia Namin and Lexie Kent.



Monroe Wang



Zoe Corderoy



Languages highlights



Rose Fairey

Year 7 Chinese classes make colourful buns

Students in Year 7 Chinese enjoyed a cooking lesson in Term 3 making Chinese buns into various creative shapes.

'I thought making the Chinese buns was a great activity to be creative and innovative! We were provided with a range of colourful natural doughs. With those we could make McDonald's chips, lollipops or panda faces. I managed to make all three in the double period we had. This cooking opportunity was fun and engaging, with students being able to put a personal twist on all creations. I hope to be able to do something like this again!'

Rose Fairey

'The students were lucky enough to be shown how to make buns in the shapes of pandas, lollipops and even French fries! The cute piles of dough looked like miniature works of art and made for a delicious snack. We even had some spare dough to make our own creations. Thanks to Tina for coming in to guide us.'

James Carroll

Making the Chinese buns.



Italian Sagra Expo

CHARLEY VUKOJEVICH, YEAR 10

Earlier in Term 3, our Year 10 Italian class formed small groups and presented stalls on different sagres in a fantastic Italian Sagra expo! A sagra is a local festival in Italy that often involves food or some historical pageant. There are many different types of sagres held in the various regions of Italy, and they can celebrate anything from potatoes to frog races!

Prior to the expo, we had to thoroughly research the customs and origins of our chosen sagra and prepare a way to present this information. On the day, all the students had brought in a food or drink specific to their sagra.

The sagra expo was not only fun to prepare and look around, but it also helped us gain insight into another of Italy's exciting celebrations and thus its culture.

ABOVE: Anastasia delos Reyes, Rheannon Lazar and Charley Vukojevich.

RIGHT: Nathan Barnard and Esteban Bravo Echevarria.



ABOVE: Niha Senthilkumar and Anastasia Delos Reyes make the chocolate salami.

Chocolate salami-making fun

RHEANNON LAZAR, YEAR 10

The Year 10 Italian class had a blast making chocolate salami while revising some grammar structures learnt in class. We were given the recipe in Italian and had to fill in the blanks by conjugating the verbs into the *Imperativo* form. We then had to have a go at using direct object pronouns with the newly learnt verbs.

Once we'd deciphered the instructions, we eagerly set to work. We crumbled *i biscotti* and mixed them with melted butter, chocolate and cocoa. Then we rolled up the mixture in baking paper and left it to set overnight. The result, once sliced, resembled salami. Our chocolatey treat was *delizioso* and left us saying, *"Che buono!"*

Photography and Design students shine

MARK TEMOV, PHOTOGRAPHY AND DESIGN TEACHER



During the Arts and Technology Festival teachers and students voted for their favourite image in each of the categories.

Congratulations to the following Photography and Design students:

Year 12 Design (South West Landscape) – Jack Major

Year 12 Design (Abstract Portrait) – Wei-An Chong

Year 10 Design (Rottneest Landscape) – Danny Cao

Year 9 Photography (Kings Park Compilation) – Yoninah Santos

Year 8 Photography (Pop Art) – Madison Naylor

Congratulations also to Avril Keenan and Calum Stirling who had their Design work accepted into the META exhibition held at Central TAFE. This is a great achievement considering the major emphasis of their Design course is the 15-page A3 portfolio which is assessed by the School Curriculum and Standards Authority at the end of Term 3.

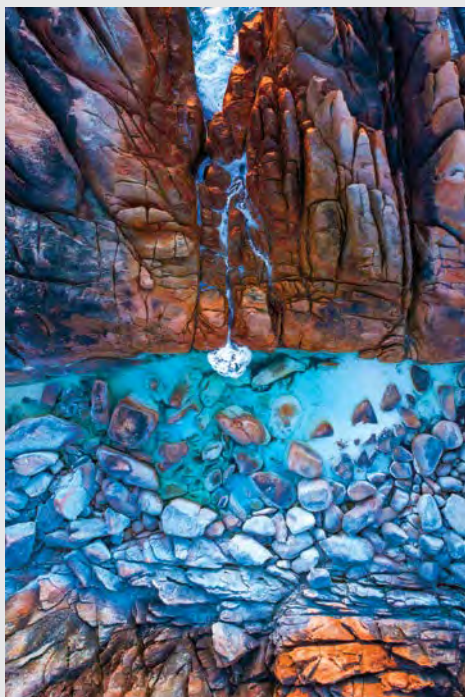
The Year 11 Design students are soon to embark on the annual Design Camp to the South West where they will complete photoshoots of the landscapes, wineries, food and accommodation, as well as fashion photography on location. They are currently learning the techniques to fly the drones, which will provide them with some lovely aerial shots to edit and frame when they return.

The School P&C purchased the Mavic 2 Pro drones for the students to use, which provides them with great opportunities to master the technical and creative challenges of this exciting technology. Thank you very much to all members of the P&C for these fabulous new additions to Design and Photography.

FROM TOP: Madison Naylor (Winner – Pop Art); Emilia Le; Ezekiel Chuka; Minh Nguyen; Nishi Patel and Rachael Ho.

BELOW: Kings Park Compilation by Yoninah Santos (Year 9 Photography Winner).





ELIA FATIN.



THEA SETIAWAN.



ALYSSA SCARFONE.

ABOVE FROM LEFT: *Redgate Beach* by Dave William.
META submission by Avril Keenan.
Sugarloaf Rock by Wei-An Chong (Winner – Abstract Portrait).
Rottneest Landscape by Danny Cao (Year 10 Design Winner).
LEFT: META submission by Calum Stirling.
BELOW: Jack Major with his winning South West Landscape
Honeycomb Rocks.



Perth Modernian Society 2020 Annual Reunion



PERTH MODERNIAN SOCIETY

THE EVENT

Numbers were down but all who attended would agree that it was wonderful to be celebrating at the Annual Reunion again this year and the whole day was an outstanding success.

Many enjoyed an explanatory tour of the partially built performing arts auditorium with Steve Jurilj and found it most enlightening.

Others were interested in the displays prepared by volunteers from the History Centre and Archives of the Perth Modernian Society Museum Association and set up in the Joseph Parsons Memorial Library for this special occasion.



ABOVE FROM LEFT: Robert Johnston and Peter Dillon, Roderick Mason, Anne Greenhill, Lilian Garnett and Dane Gorn at the Reunion.



RIGHT: Deb Leske

FAR RIGHT: A display of memorabilia from the Class of 1960.



THE MUSIC

Neil Coy, Celia Christmass and Neil Barclay once again produced such an excellent concert that it was hard to believe that the performers have all the normal demands of school in addition to their music.

As listed in the Concert Programme, proceedings began with four items from the Perth Modern School Wind Orchestra under the direction of Miss Celia Christmass and Mr Neil Coy. The performance began with *Pulse* by Randall Standridge, continued with *On an American Spiritual* by David Holsinger, *Serenade for a Picket Fence* by Norman Leyden which featured soloists Jasper Jackson, Nick Mahoney, and Won Chen Qin, and finished with the anonymous (arr. Iwai) *Jungle Fantasy*, with soloist Raymond Li.

Perth Modern School Symphony Orchestra under the direction of Mr Neil Coy and Mr Neil Barclay, after a smooth changeover, played *March Militaire Française* (Camille Saint-Saëns). Soloist Raymond Li performed again in *Fantasia on Greensleeves* (Ralph Vaughan Williams).

Dance of the Tumblers (Nikolai Rimsky-Korsakov) was followed by *Theme from Schindler's List* (John Williams) with soloists Jason Zi Ria, Keith Wong and Christopher Leak and finally *Music from Pirates of the Caribbean* (Klaus Badelt arr. Ricketts).

Perth Modern School Chorale closed the concert under the direction of Miss Celia Christmass with *Daemon Irrepiit Callidus* (Gyorgy Orban), *The Hymn of Axiom* (Vera Tang arr. Calgaro) and *Medley from the Nylons* (arr. Zegree) featuring soloist Dom Bresser in the final item.

The audience came to its feet as one to show its appreciation of this impressive performance.

The PMS Reunion tradition of singing the school song *Moderna Scola* ended with three cheers for Perth Modern School.

It was also wonderful to note the names of Sphinx Foundation Scholarship recipients among the soloists.

After the concert new Perth Modernian Society Councillor Catherine (Kate) Lewis was photographed with one of the performers at the concert, Kirra Geddes, a Year 10 student who was the inaugural recipient of the John Christmass Choral Music Scholarship earlier this year. She is very much looking forward to using her scholarship funds in the future. Unfortunately 2020 has presented few opportunities to choose from, due to Covid-19.

BELOW FROM LEFT: Perth Modern School Chorale led by Celia Christmass; and Class of 2019 graduates Morgan Fletcher and John Dye help with preparations for the 2020 Music students farewell, held after the Modernian Reunion concert.



I thought the standard of the music making was outstanding.
Catherine (Kate) Lewis (student 1977–81, staff 1984–87)



THE PEOPLE

Seated in the front row for the concert were Roger Stubbs, former PMS staff member and now a valuable volunteer, with his wife Pamela, PMS student 1955–59, and Dr Ken Michael AC.

Miss Celia Christmass is seen in the photograph on the opposite page as Director of the Perth Modern School Chorale.

Phoebe Milne (née Portner), PMS student 1937–41 stood proudly when she was introduced as the oldest former student present and turned to speak briefly to the audience.

Greetings were received from Trevelyan E (Ted) Palmer MD in New York who turned 96 the next day with the following message:

'I look back on my years at PMS as so rewarding and full of good memories. My wife and I always enjoyed the orchestra and the camaraderie with the alumni. Wishing you greetings from NY. Best wishes!'

Ted Palmer

PMS student 1938–40



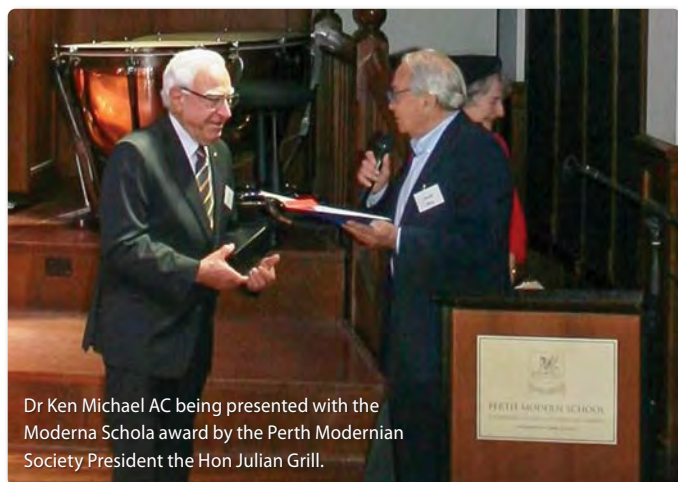
Phoebe Milne (née Portner), PMS student 1937–41, stood proudly when she was introduced as the oldest former student present; and (right) Phoebe with her son Max Milne.

MODERNIAN AWARDS

MODERNIAN FELLOW AWARD 2020

Following the magnificent concert the recently appointed President of the Perth Modernian Society the Hon Julian Grill, student 1956–57, presented Dr Ken Michael AC with the Modernian Fellow Award 2020 for distinguished volunteer service to the advancement of education at Perth Modern School.

Ken Michael was a student at Perth Modern School in 1954–55. His subsequent career has shown engineering competence of the highest order, followed by selfless commitment to numerous community service causes. He has made a significant contribution in many areas, including public service, engineering, academia and to the Western Australian community.



Dr Ken Michael AC being presented with the Moderna Schola award by the Perth Modernian Society President the Hon Julian Grill.

As State Governor designate in 2005, Ken launched the first historical publication undertaken by the volunteers of the original Sphinx Foundation. His speech on that occasion clearly demonstrated his passion for the School and is held on record by the Perth Modernian Society Museum Association in the George Burvill Biographical Index.

Dr Ken Michael AC was installed as the thirtieth Governor of Western Australia in January 2006, retiring from this position in May 2011. He continues to support the community in retirement.

During his 10 years as a member of the Perth Modern School Board, and especially for the last three years as Chair, Ken has brought a high standard of governance and inclusiveness to the Board. His refined, calming and eloquent nature, underpinned by an unquenchable energy that belies his years, and an unwavering commitment to public service make him a very special Modernian indeed.

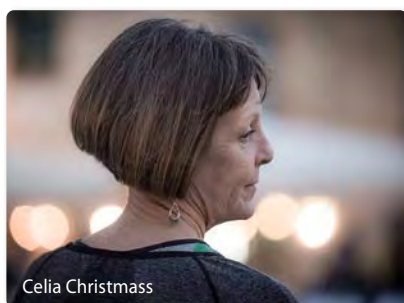
MODERNA SCOLA AWARDS

Moderna Scola Awards for 2020 were presented to three other Modernians—Celia Christmass, Neil Coy and Roger Stubbs—in recognition of their distinguished service to the advancement of education at Perth Modern School.

CELIA CHRISTMASS studied in the Special Music Program at Perth Modern School from 1976–81. She was awarded a Bachelor of Music Education from the University of WA. In 1989 she went to Hungary, to the Zoltan Kodaly Pedagogical Institute.

Zoltan Kodaly was a composer, educator and researcher, whose interest in music education was sparked when he heard a rather ordinary children's choir in 1925: he felt that more should be expected of young people. Kodaly developed a methodology which spread through his native Hungary and to the rest of the world. At its heart were the natural rhythms of the human body, the child's developmental stages, singing and traditional folk tunes, enjoyment, creativity and collaboration. After studying for a year at the Zoltan Kodaly Pedagogical Institute Celia was awarded a scholarship to do further studies there. She then went to the United States to complete a Master's degree in Music Education at Holy Names University.

Since her return to Perth in 1991 Celia has taught at Modern School, and has been involved in all aspects of its music program.



Celia Christmass

Celia's students speak of her dedication to music and to teaching, her warmth, and the support and encouragement she offers. Those who have heard the results of her work with students can testify to the high standard of their

performances, and to the delight the students show in their musical achievements, and in sharing that joy with their audiences.

Her work has not been confined to Perth Modern School. She has been involved as an educator and conductor with the University of Western Australia Junior Music School, the Aaralyn Children's Choir, and Naya Chorale. She is an Honorary Life member of Kodaly Australia and her expertise has been widely shared through workshops, and lectures. Her name is synonymous with musical excellence.

NEIL COY was appointed to Perth Modern School in 2007 as co-director of the school's music program with Lawrence Jacks. Since that time he has worked with the orchestra as it evolved and has elicited wonderful performances from the students, and assisted in the organisation of overseas tours which have earned the students national and international recognition and acclaim. The traditional concert at the annual ex-students' reunion, much of it put together by Neil, has been a source of joy for attendees for many years.



Neil Coy

Neil used the opportunities offered by his trips to Europe with the students to research ex-students of Perth Modern School who gave their lives in the Great War. The information he has garnered has been shared generously with the School and the Museum Association, and has been made available more widely in school publications.

Neil Coy enjoys chatting to recent Perth Modern School graduates at the recent Reunion lunch.



Other volunteer researchers have built on Neil's findings, and he has continued to support them in their work.

In his own time, and using his own research, Neil has developed a website that relates in particular to biographies of ex-students who served their country at war. His website is used in class studies, especially around the annual commemoration of Anzac Day. His research into the school's military history, his published material and his use of technology to enhance learning, have all helped to make information available to students and to the wider community. Neil has shown himself to be an educator in every sense of the word.

ROGER STUBBS AM was a councillor in the City of Armadale for 19 years, eight of them as Mayor. These roles stimulated an interest in town and urban planning, and Roger undertook qualifications in the area, for a while becoming a trainer for local and state governments.

Roger made himself available as a relief teacher at Modern School whenever required. He enjoyed the teaching profession—his students, his colleagues, and the conviviality.

Roger already had a link to 'Mod', as his wife Pam had been an outstanding student at the school from 1955–59, and had won two Exhibitions.

In 2005 the announcement was made that academic selection would be reintroduced to Perth Modern School. There was to be a building project of \$27 million, requiring a co-ordinator. Roger's qualifications as both teacher and town planner made him the ideal choice for the job, and his initial one-year contract was extended to three-and-a-half years.

Roger liaised with the architects as old buildings were refurbished and new ones situated and constructed to best advantage. He liaised with staff members and the community. He wrote newsletters, gave talks, and conducted tours. His office was next to the auditorium, so Roger's day began and ended with glorious, uplifting music as Celia Christmass worked with the music students.

Roger's contribution to the evolution of the school is tangible in its new and old buildings, and in images and in the written word. Many of his photographs were used in the school's centenary publication *Past, Present & Future: Celebrating 100 years of exceptional education at Perth Modern School*.

Roger continued his involvement with the history of the school: as researcher and writer, he made a major contribution to the Department of Education's 2016 publication, *A Celebration of Contribution: Tales of the courage, commitment and creativity of Modernians 1911–1963*.

Roger has demonstrated a chameleon ability to reconstruct himself as occasion demands. His connection with Perth Modern School is substantial, very positive, varied, and of long duration.



Roger Stubbs with wife Pamela.

A life well lived: An inspirational Modernian



The following obituary of Modernian Bartley Kakulas appeared in *The West Australian* newspaper.

Lawyer with sharp mind and kind heart

Bartley Kakulas OAM QC

Lawyer

Born: Perth, 1933

Died: Perth, aged 86

Mistakes are not often made by guidance officers, but young Bartley Kakulas had enough stamina and brainpower to triumph over official misjudgement.

His Greek migrant father, Peter, was advised that children of migrants could not pass English at university. However, since the boy had topped the school in maths, the officer recommended he try for a job in a bank.

Never afraid of a challenge and determined to succeed, his family recall, Bart embarked on a law degree at the University of Western Australia. Facility with English was, of course, crucially important, no matter where your parents were born. In December 1954 he completed the degree and eventually became a Queen's Counsel, an accolade that is now designated Senior Counsel.

This honour, granted only to the best barristers, came in December 1988. For 28 years Bartley and his younger brother, Theo, had enjoyed a harmonious legal partnership as Kakulas and Kakulas, fondly known as "K & K". Theo gave his blessing to the fresh chapter in his brother's career. Another highlight for Bartley was being appointed Commissioner of the Supreme Court, which in lay terms is an acting Supreme Court judge.

In 1969 Bartley grasped an opportunity of the heart rather than the head. With his wife Nellie (née Palassis)—whom he had married in 1961—he stepped on to the Greek island of Kastellorizo, which has been a launch pad for so many who joined Perth's Greek community. It was here that his mother and father and their families had, in 1918, said their goodbyes to Europe at the end of appalling conflict.

Barthamos Peter Kakulas was born in Perth on August 15, 1933, first of three sons of Pelagia (née Theofilos) and Peter Kakulas. They were preceded by a daughter, Kathleen. All four children grew up in Aberdeen St, surrounded by Greek and Italian families.

Bartley's time at St Brigid's Primary included an unconventional practical component; running the school tuck shop with two friends. This meant missing most formal

classes for a year, but did involve regular use of arithmetic. Completing the first phase of education at Highgate Primary, his secondary schooling was first at Perth Boys and then Perth Modern.

In boyhood he spent much of his spare time helping in his father's shop—Peter's Green Grocery Supplies. Bartley gave his first pay to his grandmother, who put it aside and much later returned it. He treasured it so much he kept it his entire life.

After graduating, he did his articles with a leading barrister, Ken Hatfield, and was admitted to the bar in 1957.

Bartley opened his own practice in 1958 and two years later was joined by Theo.

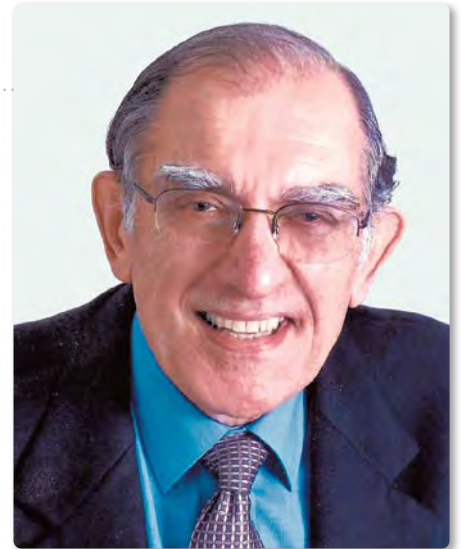
Bartley practised as a solicitor and barrister appearing in all courts; Magistrate's, District and Supreme, and conducted numerous appeals in the High Court. Early in his career he loved practising as a criminal defence lawyer, representing alleged rapists, murderers and arsonists, among others. He later specialised in injury law claims, particularly for vehicle accidents.

He was acknowledged for his exemplary calm, respect and compassion. When he was about to retire in 1998, all his family attended court to listen to him in his final trial—it was a big win for his client.

In 2007, mindful of the need to give back to the law community that had given him so much, he and Nellie established the annual BP Kakulas QC and Nellie Kakulas Scholarship in Law at UWA.

A keen volunteer, he contributed to many communities including the Hellenic Youth Association, Hellenic Community of WA, Law Society Council, South Perth Hospital Board, and Castellorizian Association of WA. He became an honorary life president and life member of a number of them, passionate about his heritage, his friends and his community.

In 2016, he was awarded an Order of Australia Medal (OAM) for service to WA's Greek community and to the legal profession.



His family say such accolades in no way diminished his essential humility. He was a role model who "always took time for a chat" and offered advice when sought.

Bartley had a special bond with a striking white building at Prevelly, near Margaret River, named after the Preveli monastery on the Greek Island of Crete, which has overlooked the sea for more than 40 years.

As inaugural chair of the committee to build the chapel of St John the Theologian, he steered the project that embraced his Greek Orthodox faith and the links between his parents' homeland and Australia that meant so much to him.

Bartley Kakulas died on July 10, survived by Nellie, daughters, Pelagia Glasgow and Pamela, sons, Peter and Anthony, and seven grandchildren; and by Bartley's sister Kathleen Malaxos, and brothers Nick and Theo.

Bartley's daughters, Pelagia and Pamela, affectionately called him the "human calculator" who could work out percentages while others were still reaching for a device.

Decades after running that school tuck shop and counting out his shillings and pence in his father's shop, he still had the magic touch.

PATRICK CORNISH

Noah's Noongar seasons calendar to feature in the 2021 school diary

Noah West in Year 10 has completed a stunning woodwork design of the Noongar calendar.

This artwork has been selected to feature in the 2021 Perth Modern School Diary.

”

This piece represents the six seasons of the Noongar calendar. The piece is composed of four sections separated by the three dark rings. The centre section represents the 12 months, each represented by a different number of dots. The next section depicts the four western seasons; the seasons we use.

The following section has the names of the six Noongar seasons aligned with our seasons. The outside pieces have flora, fauna and selected objects of cultural significance that are associated with the season in that sector. The calendar is read like a clock (with no beginning or end). I decided to use natural materials and wood colours to signify the Noongar people's close relationship with the country.'

Noah West, Year 10



A representation of the Noongar seasons by Noah West.

Zero2Hero Youth Mental Health Forum

ELLE CHENTANG, YEAR 11

The Wellbeing Advocacy's visit to the In Your Head Zero2Hero Youth Mental Health Forum at the Perth Convention Centre was an enlightening experience. We heard from four keynote speakers, and had two breakout sessions for which we got to choose topics we were individually interested in.

Our first keynote speaker, Andrew Fuller, presented a method of assessing our strengths and weaknesses through a radar chart, as well as a selection of inspirational quotes. A memorable message of his was 'Fall down seven times. Get up eight'.

We then heard from Kendall Whyte, founder of the Blue Tree Project, who explained how painting dead trees blue was a visual reminder to encourage people to speak up and check in on oneself and others.

Then we had our breakout sessions! Angie Roche's presentation was about how we shouldn't suppress our uncomfortable (instead of negative) emotions, but take time to unpack them, whether it's in the present moment or later. This results in 'responding' rather than 'reacting' to emotions in a stressful situation, by first recognising what we're feeling, taking a step back to consider the situation, before finally deciding on the best course of action.

The second breakout session I attended was 'Unshakeable', where Shaun Kay energetically shared with us his personal path of progress, his unique methods of motivation and how we could improve an undesirable situation by controlling our thoughts and attitudes.

Our afternoon keynote speakers were Lockie Cooke and Georgia Wilson. Lockie introduced us to Iyarn, a wellness-logging app he created for self-evaluation or to check up on others in a group.

Hockey player Georgia Wilson recounted her and her sister's journey with eating disorders. She also outlined what others could do to help family and friends battling these issues.

Overall, it was an enriching experience. The seriousness of some topics meant that it was occasionally slightly confronting, but that only further emphasises how we should never overlook mental health issues.



Members of the Wellbeing Advocacy at the In Your Head Zero2Hero Youth Mental Health Forum.

New additions to the Perth Mod family

Year 7 Student Councillors elected

Congratulations to our new Year 7 Student Councillors! Student Councillors are leaders among our student community and are chosen for their leadership ability, responsible attitude and their willingness to help others.

Student Councillors must undertake a rigorous selection process including an interview and an election by their peers. Well done to Shermaine Chan, Aidan Jang, Mahek Aribenchi and Lalkrishna Rajasekharan.

Year 7 Student Councillors: Shermaine Chan, Aidan Jang, Mahek Aribenchi and Lalkrishna Rajasekharan.

New babies for staff

Congratulations to four of our staff members who have recently welcomed a new baby to their family.

Science teacher Kate Bajrovic has a new baby daughter, Ava Isabel, a little sister for Archie.

Mathematics teacher Riya Shah welcomed a healthy baby boy, Shivam, with husband Deepak.

Career Advisor and Teacher Development School Coordinator Michelle Edwards and her husband David welcomed their third son, Xavier John.

Drama teacher Jessica Pacceca has welcomed daughter Ivy Maree, a little sister for three-year-old Oliver.

We look forward to welcoming back all four mums after their maternity and hope that they enjoy this precious time with their gorgeous babies.



FROM LEFT: Kate Bajrovic with Ava Isabel; Riya and Deepak Shah with Shivam; Xavier John Edwards; and Ivy Maree Pacceca.

Term 3 Visual Art Highlights



Art Club: Experimenting with natural dyes with artist Frida Aditi

KATIE CHIN, VISUAL ART TEACHER

This term in Art Club students were lead through a variety of natural dyeing experiments and shibori binding techniques with local textile artist Frida Aditi.

Students delighted in the creations of beautiful natural shades of dyes sourced from the kitchen pantry and garden, including caramelly-orange from onion skins, a vibrant clementine shade from turmeric, and light blush pink from avocado skins and pits. And then there's the large variety of blue-greys, browns and olive greens from gum leaves and orange-reds from geranium flower petals and orange peels.

Students dyed cotton fabrics and paper with a variety of these natural materials, rolling them around rusty aluminium cans and soaking them in a variety of dye baths with pleasing results.

With their experimental dyed fabrics, the students incorporated simple hand-stitch and rope making techniques to create an original textile piece and embellished tote bags.

ABOVE LEFT: Frida Aditi demonstrating.

ABOVE RIGHT: Tea, coffee, onion skin and rust can dyes.

BELOW: Felicity Mayo and Methul Gunaratne.



Hudson Todd

Hypervision winners

SARAH EVE, VISUAL ART TEACHER

Hypervision is a youth art exhibition that students look forward to entering each year. Responding to this year's theme 'Self', students submitted a variety of artwork that reflected their ideas and creative vision.

An amazing 21 of our talented students were selected to exhibit their artwork as part of this community event. Several awards were given to acknowledge the talent on display and four of our students were selected as recipients.

Hudson Todd in Year 12 was the winner for the Sculpture category for his three clay sculptures, each of them being a physical manifestation of a mood.

Virginia Plas in Year 12 was Runner Up in the Experimental category for her traditional and multimedia mixed artwork that provided an intimate perspective on identity by projecting words, thoughts and experiences from a decade's worth of sporadic journaling layered over her painting.

Izabella Bird in Year 12 was the Runner Up in Photography for *Self-portrait in the Sun*. Izabella reinterpreted traditional portraiture by



Chloe Fairhead



Virginia Plas

superimposing portrait images onto an orchid. Orchids have historically been representative of beauty, strength, fragility and female form.

The Up and Coming Artist award was awarded to Reka Balogh in Year 11 for her artwork reflecting on her identity, living in Australia, her Hungarian family heritage and considering the similarities and differences in aspects of life with a particular focus on food.

Congratulations to all students who contributed to this community exhibition.



FROM LEFT: Avril Keenan; artwork by Calum Stirling; Hannah Pemberton; and artwork by Sherry Zeng.

META exhibition featuring Perth Mod talent

SARAH EVE, VISUAL ART TEACHER

The META Exhibition is an art and design exhibition exclusively for senior secondary school students presented by the Central Institute of Technology. The exhibition has been developed to acknowledge and promote the excellence and originality achieved by senior secondary school students in their art and design studies.

Perth Modern had five of our talented students accepted this year:

Year 12 Cait Dowley

Year 12 Calum Stirling

Year 12 Avril Keenan

Year 11 Hannah Pemberton

Year 11 Sherry Zeng

The Art Recreation class also enjoyed a visit to the exhibition and students came away feeling inspired to create their own amazing pieces of art.



ABOVE: Ba-Nang Vo, Zacary Mattin and Dylan Vekaria at the META exhibition.

Year 8 Visual Art: a day at Perth Zoo

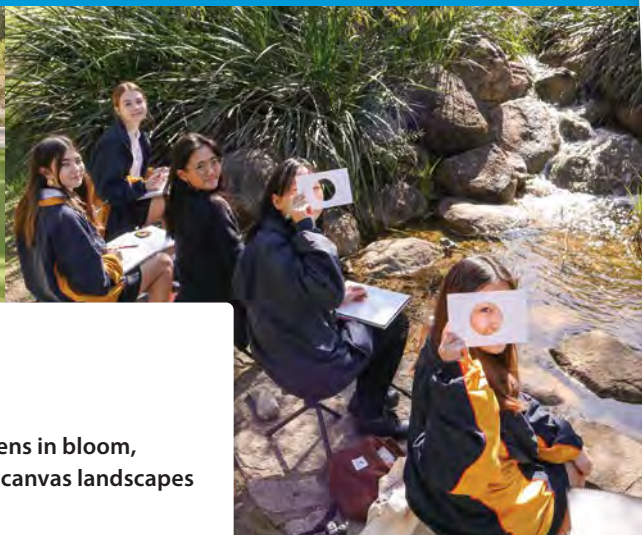
KATIE CHIN, VISUAL ART TEACHER

Year 8 Visual Art students spent the day in the beautifully lush botanical surrounds of the Perth Zoo, capturing in pencil, paper and camera the gestural observations and detailed features of many of the animals out and about.

Highlights for the 60 students included the new resident crocodile, a koala mother with baby and Tricia the elephant on her daily walk.

With an emphasis on Australian animals, the students are working towards designing and sculpting an imagined creature that would act as a protector for an endangered Australian animal. The students have researched the endangered animal's habitat, behaviours and threats in order to consider what adaptations their design for their protector creature must have.





Year 9 Excursion to Kings Park

KATIE CHIN, VISUAL ART TEACHER

With the glorious river views and uniquely Western Australian botanical specimens in bloom, Kings Park provided plenty of inspiration for my Year 9 Visual Art class's circular canvas landscapes that explore the themes of 'Floating Worlds and Different Perspectives'.

As a group we took reference photographs as we walked over the glass bridge down to the Pioneer Women's Water Gardens. The ponds and waterfalls demanded a lengthy stay as students used circular viewfinders to create watercolour compositions that incorporated reflections in the manner of the famous Impressionist Claude Monet.

After lunch overlooking the city skyline, students were encouraged to rotate themselves within the landscape, creating a topsy turvy drawing that attempts to engulf the viewer, with winding sections of river, tall trees, paths and freeway, in the style of Australian painter William Robinson. Back in the art room students have developed circular compositions and harmonious colour palettes to create original landscape paintings.

ABOVE FROM LEFT: The group at Kings Park; and Christina Barnes, Sachi Elliott, Sophia Zhou, Sophia Zhao and Sydney Ng.

BELOW: Students posing for a group photo next to the commanding patchwork mural by New York artist Maya Hayuk on Wolf Lane.

Year 10 Urban Art Exhibition

KATIE CHIN, VISUAL ART TEACHER

We are very fortunate to have such easy access to the cultural heart of our city, with its cultural centre and galleries. Recently Year 10 Visual Art students spent the day exploring the vibrant street art that has breathed life into once dull laneways and buildings.

Created by both national and international artists, themes explored in the murals include Australian identity and culture, intriguing narratives, and location-specific themes.

Students responded and drew sections of murals in Wolf Lane, the lane behind Old Shanghai Food Court, the backstreets of Chinatown and the Central TAFE Buildings.



Pulse Perspectives

SARAH EVE, VISUAL ART TEACHER

Each year the Art Gallery of Western Australia presents a curation of Year 12 graduate artworks. Interested students attended Pulse Perspectives on an excursion to view the artworks of students who are only a few years older than them.

This is a valuable and rewarding exhibition for younger students to attend and be inspired by other students like themselves and encourage them in their own art making and creative practices. The artworks in 'Pulse Perspectives' provide a window into young people's private, social and artistic concerns.

It is in turns an inspiring, rewarding and insightful look at the world through the minds of our most talented young artists.

Who knows what amazing artworks our current talented students will create in the future?

Students visiting the Pulse Perspectives Exhibition.



FROM LEFT: Artworks by Miles Tawns, Charlotte Ryall and Sophie Gregory.

Young Originals goes online

KATIE CHIN, VISUAL ART TEACHER

The annual Young Originals exhibition is exclusively for secondary public school students and has been developed to acknowledge and promote the excellence and originality achieved by these students in their art and design studies.

This year the exhibition looked a little different with selected artworks accessible to a wider audience through the website's online gallery platform, with a special evening launch and filmed official opening. Perth Modern School had five finalists: Charlotte Ryall in Year 12 with her sensitive painted portrait of her grandmother; Bridie Dempster in Year 11 with her painted homage to her rural home and upbringing, Hannah Pemberton in Year 11 with her digital representation of a metropolis in a pandemic panic; Miles Tawns in Year 10 with a self-portrait of his four-year-old self; and Sophie Gregory in Year 10 with her coloured pencil portrait of her father.

This exposure provides our students with vital experience and recognition for their creative talents.



Making blackbirds for Archives of Humanity

Visual Art students helped add to the flock of 1001 birds being used in the set of artistic director Raewyn Hill's new work, *Archives of Humanity*, premiering in 2021.

As part of the project, students were guided by online resources to create a single bird made from a piece of their own donated black clothing. The Bird Makers Project is a global initiative devised by Raewyn Hill and Naoko Yoshimoto with Co:3 Australia. The organisers hope to provide a unique opportunity to connect in a way that provides a purposeful, creative and reflective experience during a time in our world that is uncertain and unstable. Through the remnants of shared experience, each stitch becomes bigger than the self. These blackbirds represent time in isolation as individuals stand side by side in an unimagined situation, making history together.



Sarah Lawrence



Manol Ivanov



A giant stingray was the star of the show at AQWA.

Year 9 AQWA Excursion

SARAH EVE, VISUAL ART TEACHER

Inspired by the 'Sharks and Humanity' exhibition held in Sydney last year, I decided the Term 3 Year 9 painting project would be for students to investigate the relationship humans have with sea life. I wanted the students to explore the ways in which we admire the beauty of sea creatures but also the ways in which we negatively impact their environment and quality of life.

As part of this investigation, students visited the Aquarium of WA (AQWA). They spent their time taking observational drawings and notes, and considering their own relationship with sea life. They enjoyed a day beneath the sea, being close to creatures we don't normally get to see close up.

Some favourites of the students included the leafy sea dragon, grey nurse shark, cuttlefish and the touch pool.

The subsequent paintings are an expression of their ideas on the delicate relationship we have with the ocean.



ABOVE: Clair Levy, Isabella Henry and Riley Smith.

BELOW: Students enjoy the touch pool.



Physical Education students excel



Middle Years Basketball

MARK MUIR, HEAD OF HEALTH AND PHYSICAL EDUCATION

Perth Modern's Middle Years Basketball teams competed in the SSWA School Championships in August with our top boys team qualifying for the finals. Both our Boys and Girls teams enjoyed playing in what was the first interschool basketball competition for the year. Thank you to our Year 10 and 11 students who were outstanding coaches and officials on the day.

ABOVE FROM LEFT: Mod basketball team having a pep talk during a game; and Junior Girls Basketball Team A.

BELOW FROM LEFT: Junior Boys Basketball Team A; and Junior Boys Basketball Team B.



Ryan Eastwood is Perth Heat Young Umpire of the Year

CHRIS RAPLEY, SCIENCE TEACHER, AND SECRETARY AND INSTRUCTOR FOR THE WA BASEBALL UMPIRES ASSOCIATION

Ryan Eastwood in Year 9 has been awarded the 'Perth Heat Young Umpire of the Year' for his dedication and performance as a baseball umpire.

Ryan has been umpiring baseball for three years and has been steadily improving his skills and knowledge to be a most proficient umpire. Each week he umpires young boys and girls who are both younger and older than himself.

Ryan's enthusiasm and conduct has enabled him to gain the respect and admiration from the players, team managers and

spectators as he has become known as a knowledgeable and impartial official.

The Perth Heat generously sponsor and encourage young umpires by allowing the WA Baseball Umpires Association to present this accolade to emerging young baseball umpires.

Congratulations Ryan!



Ryan Eastwood (right) and Steve Nelkovski (Franchise Owner of the Perth Heat Baseball Organisation).



WAIS tests Mod students

JAN SONDER-SORENSEN, HEALTH AND PHYSICAL EDUCATION TEACHER

With Perth Modern School's strong history of producing outstanding athletes, the Western Australian Institute of Sport (WAIS) recently visited the school in the hopes of finding the next generation of elite sports people.

Thirty students were tested by Sport Scientists in a gruelling battery of physically demanding tests in the hope of identifying future Australian representatives in sports to which they are naturally suited.

The following students have been selected to trial in sports based on their testing results: Rowing: Mitchell Morris, Tom Brook, Conor Blycha and Lillie Sartori.

Kayaking: Tom Brook and Conor Blycha.

Track Cycling: Conor Blycha, Imraan Aung and Angelica Kinney.

ABOVE FROM LEFT:

Students are put to the test on bikes.

Mitchell Morris is put through his paces by a WAIS tester.

How high can you fly? Students were asked to perform a jump test.



Year 9 Outdoor Education

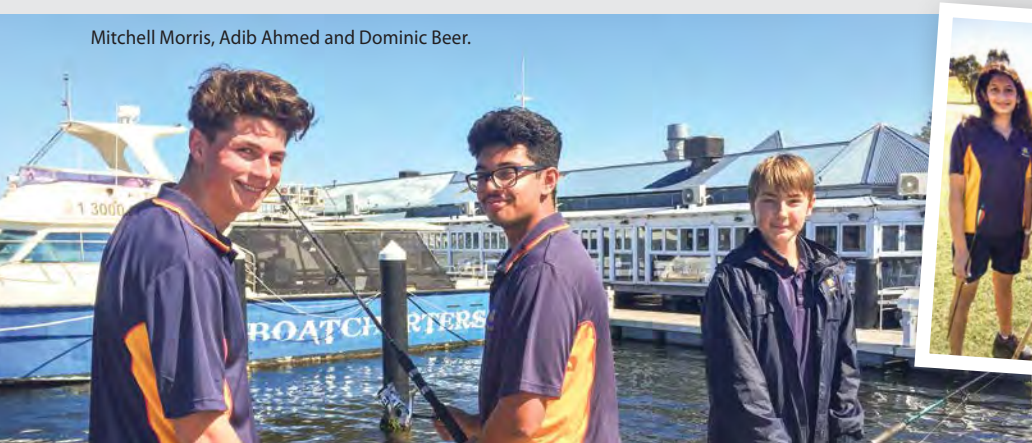
KIARA ARTHUR, YEAR 8, AND SARAH LIGHTFOOT, HEALTH & PHYSICAL EDUCATION TEACHER

Outdoor Education has been full of incredibly fun experiences in Term 3. Archery was first up: eager to venture outside our school campus, we made our way down to Lake Monger. By the time we finished our session, four of us had conquered the bow and arrows, hitting a bulls-eye!

The second adventure awaiting us was cycling around the Swan River... we were a kilometre-long snake winding through the paths. It was great to feel the breeze on our face whilst admiring the view of our beautiful city. We were cast straight into fishing, with heaps of weird foreign objects that no one had seen. Rigging the lines was our first challenge, with some of us knowing more than others. Plop went our bait into the river, sinking far into the depths never to be seen again... Just like the fish in the river.

Last but not least was campfire cooking. Food. The delicious smells of sizzling bacon, warm baked beans, butter on fresh toast, superiorly fried sausages and creamy butter potatoes. The English Breakfast was on another level. Even though we all smelt like burnt toast for days after, it was truly a great experience. We can't wait to see what is in store for us next term in Outdoor Education.

Mitchell Morris, Adib Ahmed and Dominic Beer.



Kiara Arthur

FROM TOP: Jona Wu, Adib Ahmed, Alex Paxton, Amos Seethor and Isaac Madden. Katelyn Sanders, Benjamin Hurst, Lachlan Anderson, Lillie Sartori, Karen Harvey and Conor Blycha.

2020 Student Wellbeing Forum

ZAVIER WILEMAN, YEAR 11



Wellbeing was at the forefront of my mind and other Perth Mod students from the Wellbeing advocacy who attended Christ Church Grammar School's 2020 student Wellbeing Forum.

Throughout the day we formed new connections with and learnt from other young leaders in the wellbeing space, in particular how they were implementing positive change in their schools.

To start off the day, we heard from inspiring guest speaker Akram Azimi, who shared his experiences of being a young Afghan living in Australia after his family fled Afghanistan when he was 10 years old, in which he discussed the importance of fostering positive school culture.

We then heard from several Christ Church alumni who each gave informative presentations about establishing and leading wellbeing initiatives within school spaces.

Finally, we broke off into smaller groups to share ideas on how we can lead real change within our respective schools, in which I personally had the opportunity to speak to Felix, Christ Church alumnus, whose efforts during his time at Christ Church led to a real culture shift in how wellbeing and mental health was talked about at his school.

Overall, it was a brilliant day, and I'm sure everyone who went this year will be eager to go again.



Presentation by Akram Azimi.



FOR EVERYONE,
WELL-BEING IS A JOURNEY.
THE SECRET IS COMMITTING
TO THAT JOURNEY AND
TAKING THOSE FIRST STEPS WITH HOPE
AND BELIEF IN YOURSELF.

DEEPAK CHOPRA

Zavier Wileman, Fatima Merchant and Khushal Shah.



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