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Aviation Awards
Year 9 Debating Win
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and much more

November / December 2016

Photos by Kate Main and Toby Goor
Front Cover: Year 10 visual art student mural
Welcome to the final edition of Melville Matters for 2016.

It seems like only yesterday that we started 2016 with the celebration of our ATAR results from 2015. That Melville SHS is such an exciting and busy place must explain why time just seems to fly by and we are at the end of yet another school year.

The year started with tremendous ATAR results from 2015 (including three amazing students in the elite 99 Club and a further seven in the 95 Club). We continued with an outstanding NAPLAN performance by both our Year 7 and 9 students.

These successes were followed by worthy achievements in a range of other academic areas such as the Australian Mathematics Competition, the National Chemistry Quiz, Book in a Day, and of course awards galore in the visual and performing arts and in the sporting domain. We once again competed in the debating competition across all the Years 7 to 10 categories and were successful in winning first place in the Year 9 division - a testament to the work of both Mr Rob Delves and Ms Denise Cahill in a highly competitive field of schools.

One of the many highlights for me includes gaining a position as finalist for WA Secondary School of the Year, a result in the end that didn’t see us winning the final award but was definite acknowledgement that Melville is indeed one of the best public schools in the state. The success in making the final four is a testament to not only our great teachers and support staff, but also the community of students and parents that make the school an ongoing success. This community is certainly reflected in our School Board, P&C and support groups that we have in school for Aviation, Music and Graphic Design Media. I would like to give thanks to everyone involved in these groups for their ongoing support and commitment in helping Melville SHS become a school of choice to the local and wider community.

Parents are reminded that Semester 2 reports for Years 7 to 10 will be posted home on Tuesday 13 December. Having seen quite a few reports at the time of writing it is pleasing to note so many successful students. There is however, a small number who will be (or should be) disappointed with their results. In almost every case this is the consequence of not applying themselves; and/or not completing their
assignment work; and/or not attending school regularly. If your child has under-achieved in their results for 2016, please have a look at the percentage attendance figure shown on the last page of the report. If the attendance is less than 90%, not only is your child attending school less regularly on average than their fellow students but they are also placing themselves at risk of underachieving.

While the overall attendance pattern at Melville SHS is better than state average (in fact our attendance rate is 90%), there is still a significant number of students who are not regularly in class. Success at school and attendance go hand in hand so please look at what you can do as a parent to get your child to school for an average of at least 90% of the year in 2017. I promise you that their performance will improve if they attend and complete their work.

Finally, on behalf of our students and the wider community, I would like to take this opportunity to thank all of the staff for their outstanding efforts throughout 2016. The school has achieved many, outstanding successes while providing a comprehensive world class education to all of our students from Year 7 to 12. Next year we again anticipate a student population of over 1400 (sadly we have once again needed to turn away over 300 students, as I believe our maximum capacity to be about 1400 without a significant additional building program.)

Mr Phillip White looks forward to returning as Principal in 2017, especially to welcome all our new Year 7 students and catching up with many of the existing parents and students of Melville SHS.

2017 promises to be another very exciting year so until then please have a great break and safe holidays.

Kind Regards
Kylie Bottcher - Relieving Principal

LEADER OF THE OPPOSITION VISIT
In the last week of term, Lisa O’Malley and Mark McGowan visited the school to look at the Art and Technology facilities. They were wowed by one of our bands from Year 10 Music in Focus.
2016 M.A.S.C AVIATION AWARDS

In week 9 the Melville Aviation parent support group held the Aviation awards for all year levels. Guest speakers from Qantas and a fighter jet trainer and trainee from the Air force had the students and parents pinned to their seats with inspirational talk and turbo-charged videos. The evening also welcomed our incoming Year 7 Aviation students for 2017. There is a record number of female students coming next year (pic 3) and you just know they are going to be best friends.

Congratulations to the Aviation Dux Eugenio Fonterosa (pic 1), whose name is engraved on the famed propellor trophy, and MASC Scholarship winners (pic 2), Nicholas Fulton (Year 10) and Scott Morgan (Year 11). These two boys receive $1000 toward flight instruction.

Thanks to Mr Randall Brink, (who even though on long service leave, attended and tried to convince us all he had been base jumping and flying with Tom Cruise and even had footage to prove it!), Mr Brendan Wallis and Mr Bryan Sin.

Aviation, GDM and indeed Music have large parent support groups that provide not only funds but also time and effort to value-add to the educational...
experiences. Each of the parent support groups mirror positions from the P&C such as President, Vice President etc and many of these parents also sit on our P&C and school board. Without the efforts of them many of the events such as the Aviation night wouldn't be able to happen. Below are the year group award winners. The Leadership award is voted by their peers.

**AWARD WINNERS**

<table>
<thead>
<tr>
<th>Year</th>
<th>Most Improved Award</th>
<th>Leadership Award</th>
<th>Academic Award</th>
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<tbody>
<tr>
<td>Year 7</td>
<td>Tryphon Kerr</td>
<td>Michael Henning</td>
<td>Michael Henning</td>
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<td>Year 8</td>
<td>Carl Diaz</td>
<td>Dean Morris</td>
<td>Samuel Brunet de Rochebrune</td>
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<td>Year 9</td>
<td>Elijah Cutting</td>
<td>Evan Perera</td>
<td>Johan Widing</td>
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<td>Year 10</td>
<td>Devin Finn</td>
<td>Charles Morley-Wong</td>
<td>Charles Morley-Wong</td>
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<td>Year 11</td>
<td>Joshua Bluntschli</td>
<td>Cian Butler</td>
<td>Scott Morgan</td>
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<tr>
<td>Year 12</td>
<td>Thomas Ayoub</td>
<td>Thomas Ayoub</td>
<td>Eugenio Fonterosa</td>
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PERSPECTIVES ACHIEVEMENT

For five years in a row one or more of our Year 12 ATAR students has been accepted to exhibit at Perspectives at the Art Gallery Of Western Australia. This year Carla Genovesi has been included with her sculptural art work The Politics of Aesthetic Forms: For the Love Venus of Women (picture 1).

Year 12 Perspectives showcases the best, brightest and most talented graduating high school artists in the state. An annual barometer of what our youth are thinking and feeling, it is also a rich celebration of the role the arts plays in the development of individual identities. The exhibition is open from 28 January to 2 April 2017.

Carla describes her work as follows: The sculpture is ultimately a socially informed artwork portraying the psychological and physical persona of self-beauty being in the eye of the beholder. The artwork alludes to the disjunction's between the intrinsic world and the external expectation on how we are perceived'.

Year 12 student Neisha Phipps exhibited at the Southern Perspectives Exhibition (picture 2).

COMMUNITY MURAL COLLABORATION

This year Melville SHS students worked with local artist Haylee Fieldes (Fieldey), to design and install murals at the school and at Stockland Bull Creek Shopping Centre on the loading bay wall. This latter mural (pictured above) was inspired by the Nyoongar seasonal calendar, which includes six different seasons in a yearly cycle and features local raven, galah and ibis bird species.

The project extended a year long Artist-in-Residence program at our school, assisted by Federal Government funding through the Australia Council for the Arts and the Western Australian State Government through the Department of Culture and the Arts and Department of Education.

Teaching artists, Ms Alison Blackwell and Ms Jenna Antonioli, in partnership with Ms Fieldes, designed a program to build students’ painting skills with authentic, arts-enriched learning opportunities and the shopping centre provided the perfect canvas to showcase the high-level of student achievement. The Community Mural is a striking feature on the loading bay wall on the south street side of Bull Creek shopping centre. One of the Melville SHS murals can be seen as you drive west along Leach highway (next to the pedestrian crossover).
STORY MAZE DONATION

The Board members of A Maze of Story have thanked Cristanta Marinas and Chloe Dagostino (pictured left with Minister for Education the Hon. Peter Collier MLA) for participating in their art project and generously donating their artwork selected from Ms Melissa McCarthy’s Year 12 General and Certificate II classes. The two renditions of ‘The Magical Guitarist’ were much admired and they both sold. The charity raised over $10,000 and proceeds will go towards establishing a Creative Writing Centre in Northbridge, a unique and creative space for children from diverse backgrounds.

CODERDOJO/MAKERSPACE

The CoderDojo/Makerspace has been meeting each Monday afternoon in the library to work on building games and programming robots. The CoderDojo/Makerspace is student-driven, so students work on their favourite interest. Our resources have increased from a few robots and the library computers at the start of the year to now include a 3D printer, Lego construction kits, Mbot Robots, Mecanno, Ozbots and Hummingbirds.

To join this club you don’t need any special abilities you just need to be interested in computer coding, robotics and making things that can be programmed. If you missed out on a place this year, watch out next year for the notice in the newsletter with information about the 2017 CoderDojo/Makerspace. New Year 7s welcome!

EV CHALLENGE

Pictured right are the eV Challenge team that participated in the recent eV car races using battery driven electric motors. A larger group designed and built the car over many afternoons after school.
HOUR OF CODE
The Hour of Code was held all around the world in week 9 – especially at Melville SHS. Each year in this week, students around the world spend an hour coding. Self-paced tutorials were made available across a range of devices and several allowed the students to code games they can then play on their own device. Fewer than half of all schools teach computer science so our school is well above the pace.

NEW LASER CUTTER
The Arts and Technology department have added a laser cutter to the wood workshop. Laser cutting is a modern manufacturing technology that uses a laser to cut and engrave materials by directing the output of a high-power laser.

Several classes have been experimenting using the laser to cut out and also embellish their designs. Design and Technology teachers are very excited about Melville students being able to experiment with this form of technology in their designs. So far, Materials Design classes have made clocks in Year 10, boxes in Year 9 and door signs in Year 7. The students in upper school Design and Technology classes were given the opportunity to include the use of the laser cutter in their product. See the photos for some examples of how these students used the laser.

MUSIC IN FOCUS
In week 8 Music students were involved with the fabulous Music By Night concert. Well done to Ms Ana Milas and Mr Lachlin Brooks-Crew and all the talented students and staff who supported this night of incredible musical performance. Feedback emailed from a Year 11 parent to teachers was as follows:

Our son gets to go to an amazing school where teachers like you have such a personal, light-hearted, yet respectful relationship with the students, and students across the year groups cheer each other on and help each other out (often at shortest notice). He is being inspired, challenged and treated fairly and you are more important, maybe than you'll ever know, in shaping him to be the man he has the potential to be. As parents we appreciate this greatly and are from the bottom of our hearts grateful for all you do, especially out of hours. That's why we feel obligated to contribute in the limited ways available to us.
GDM
The Graphic Design Media specialist program held a fabulous end of year event at Murdoch University, where Year 10 students graduated from the program. The GDM group move into a variety of Year 11 classes next year.

Mr Lev Vycopal and Ms Ali Blackwell should be congratulated on their hard work and efforts. The level of work in the GDM showcase video was sensational.

ENGLISH DEBATING
Congratulations to the Year 9 debating team who won their category in the 2016 Inter School Debating Competition.

The team (picture 2), comprising Abhinav Saini, Tahlia Satti, Anneka Body, Josh Hounslow, Atraya Guha and Suria Anbalhagen (absent), cemented their win in the final debate for the year in week 5. They debated Lakeland Senior High School on the topic ‘We should rock the boat’.

Our Years 7, 8, 9 and 10 teams pitted their debating skills against Lakeland, Rossmoyne and Lynwood senior high schools and Gilmore College as part of the competition, which has been running for more than 25 years. The teams travelled to other schools throughout the year.

They worked really well as a team throughout the year and thoroughly deserved the recognition. A big thank you to Mr Robert Delves, who has been inspiring debating students for many years alongside English teacher Ms Denise Cahill.

POETRY WIN
This year the Roland Leach Poetry Competition inspired lower school students to enter fabulously creative poems. A big congratulations to Year 7 student Nitya Tewari who came second in her age range and Year 10 Mina Wallis who came third overall. In week 7 the two were awarded their prizes at Nedlands Library (both are in picture 1). We also congratulate Mina on the inclusion of her poem in the prestigious poetry anthology, Primo Lux.

A FOND FAREWELL
Our Chaplain Anni Crouch and Nurse Jenni De Rossi are leaving us after many years of service. Thank you, good luck and happy retirement to Jenni!
MATHS
AUSTRALIAN MATHS COMPETITION
Earlier this year, selected students from Gifted and Talented and Academic Extension classes sat the Australian Maths Competition and the results were very good. Congratulations to the high distinction winners below. A special congratulations to Dylan Chua-Limargana from Year 8 who was awarded a prize as one of the top students in the state.

Year 11 and Year 10 distinction and high distinction winners are pictured right. There was a total of 58 distinctions awarded, showing the depth of maths talent at the school.

High Distinctions:
Year 7   Samuel Wong
Year 8  Dylan Chua-Limargana (Prize)
         Rachel Wise
         Ethan Hardy-Atkins
Year 9  Joshua Hounslove
         Aster Dale
         Daniel Su
Year 10  Jie Wang
Year 11  Yixiao Zhan
Year 12  Zuxi Huang
         Jane Song

GIFTED AND TALENTED
MURDOCH EXCURSION
The Year 9s and 10s in G&T had a fantastic time at Murdoch University in week 8, where they participated in a range of activities designed to give them a taste of uni life and inspire them to work hard in their upcoming ATAR years. Thank you to Mrs Browton for organising this excursion. Below is a description by students Shannen and Monika.

When we arrived, we found the campus was kind of intimidating with different people from different age groups. We realised, after meeting a few people, that they were nice and helpful. That made us feel more comfortable in this new environment.

After morning tea and receiving some Murdoch University merchandise, we had a presentation by Alyssa all about Murdoch University. Then we split up into our groups for the first activity. There were four choices; Information Technology, Renewable Energy, Web Communications and Journalism, but we only had the chance to participate in two of them. At these activities, the lecturers and students introduced us to
what is involved in each course and the future jobs available.

We participated in Renewable Energy. At first we thought it was going to be boring - but it was actually fun! There was a lot more to renewable energy than we thought.

Following lunch, the second activity was Murdoch University’s version of the Amazing Race! We divided into our own groups of five and were given tasks to complete at seven different locations on the campus. Some tasks required us to look for an answer at the location and others required physical involvement (such as shooting basketballs). The Amazing Race was exactly like its name - amazing!

Unfortunately, it was time to go back to school. We learnt a lot about university life and courses. Thank you to Mrs Browton, Ms Gregory and Ms Capes for taking us there and thank you to the Murdoch University staff who provided all the experiences. It was truly an enjoyable day.

Shannen and Monika.

OTHER ACTIVITIES

The Year 8 G&T students helped Mrs Bilclough (the new Gifted and Talented co-ordinator for 2017) last week when they met next year’s new cohort. They promised to watch out for the Year 7s in a mentoring capacity next year.

Miss Jenning’s Year 7 class were lucky enough to indulge in a day out to Bounce and Sizzler. They used their prize money from winning the National Word Mania competition to fund the excursion.

A Gifted WA event was held at Shenton College in week 10. It was a meet-and-greet evening for parents, teachers and professionals to become familiar with the Gifted WA Committee that represents the various areas of education, research and family support related to giftedness.

Our staff is always so impressed by the attitude and effort of all our Gifted and Talented students. Ms Emma Gregory will once again be co-ordinating the G&T cohorts next year, alongside Ms Rhian Bilclough.
Fintech and Cyber Security which resulted in the release of BankVault commercially in 2015.

Three years ago a headline read, ‘Escrow Firm Attacked By Cyber Thieves By Banking Trojan Loses $900,000.’ The story went on to describe how one of the employees of this escrow company had clicked on an innocent-looking email, purportedly from someone else at the office, which (the investigation later determined) installed malware in the form of a banking Trojan into the employee’s system. A short while later, two large wire transfers were initiated that sent $600,000 and $500,000 to a series of banks in Western China. Later, a court ruled the heist was the escrow firm’s fault. That firm went bankrupt and remains out of business.

Using GoPC’s core technology, Graeme’s engineering team created an even more secure version that linked a special USB key to a specific Windows machine that was, essentially, rebuilt to get the user to the new BankVault cloud called ‘Rainmaker.’

In 2015 an updated version was named BankVault. Businesses of all sizes now are using it throughout Australia. In June 2016, the company beat startups from all around the world and was awarded the best FinTech startup in the world by Silicon Valley Forum. This prestigious event took place at Microsoft’s Silicon Valley Campus.

We hope Graeme will be speaking to Melville SHS students early next year.
STEAM STUDENT
FUN HOLIDAY PROGRAM
9-17 JANUARY 2017
For Years 7 to 12
Would you like to start and finish a digital STEaM project during the school holidays and keep it to showcase for a STEaM competition in 2017?

Over a two week period during the school holidays, you have an opportunity to explore and learn any of the following exciting STEaM topics.

• Coding Games with Java (1 day)
• Building and Racing Drones (1 day)
• Digital Photography (2 days)
• Build your own website (5 days)
• Coding with Python 1 (5 days)
• Coding with Python 11 (5 days)
• Digital Music (5 days)
• Exploring with Arduino (5 days)
• Python Coding with Electronics in Minecraft (5 days)

These engaging STEaM courses are run by experienced Fire Tech Camp Australia Instructors in collaboration with Edith Cowan University, Australian Computer Society, Coder Dojo and Coding Kingdom.

Please book online HERE and enter coupon code JAN1522 to receive a 15% discount.

For any questions, please contact info@firetechcamp.com.au or 1300 347 383

CHEER BOX DRIVE
English teacher Madeleine Jennings was astounded by the number of people who chose to be involved in the Cheer Box Drive charity collection held this year. In total, 34 beautiful boxes were donated to women in refuges, who may otherwise have had next-to-nothing this Christmas. This generosity reflects how many kind hearted people we have in our Melville SHS community.

YEARBOOKS
Yearbooks have been distributed to families who ordered one as part of their contributions and charges at the beginning of the year. Copies are available at reception for $22.

FEEDBACK
Reception had the pleasure of receiving a lovely phone call this morning from an 84 year old lady who extended her thanks to two wonderful senior girls who assisted her boarding the bus with her shopping and then her second bus to travel home.

It was conveyed that the girls are a credit to their parents and to our school. The girls’ attitude and kindness meant the world to her and really lifted her spirits. Mary joked that the girls are lucky she didn’t kidnap them as she does not have any grandchildren of her own.

MELVILLE ROTARY ACOLADE
The following is an excerpt from an email from the Melville Rotary driving program coordinator:

...I have to say that the groups of 162 young people that you brought from Melville Senior High School to this program were superbly behaved and presented. I had comment from the attending Police Officers as to the impressive behaviour of each of the student groups and how impressive and attentive they were.

This was reiterated by the lecturers from the RAC and also from a number of the Rotarians who were present on the day. The students were a credit, not just to themselves, but to Melville Senior High School also.

I thank you for the assistance of yourselves as this program simply could not be run so well without it. I sincerely hope this program progresses in the years to come and I understand that an undertaking has been made to enable the program to run at the same location until 2017.
The Murdoch University Future Student and Meet Murdoch teams will be on hand immediately on the release of WACE results to answer any questions regarding course options and pathways to Murdoch. The team will be available to answer phone enquiries from 5.00pm on Tuesday, December 27th, and the Future Student Team will be on campus at the Student Centre and available for course and pathway advice and counselling sessions from 8.30am to 4.30pm daily from Wednesday, December 28th onwards.

For advice call 1300 MURDOCH, or drop in and chat with our friendly Future Student Officers.

Students who attain a raw ATAR of 80+ will automatically be eligible for the $2,000 Murdoch First Scholarship, and those who attain 90+ will be eligible for the $3,000 Murdoch First Scholarship. Students who have just fallen short of the minimum ATAR of 70 will be able to register for the free, 4-week ‘OnTrack Sprint’ program, which will have them ready to commence studies in Semester 1, alongside their peers.

Call or drop in to find out more about:
- Enabling Programs - the summer OnTrack Sprint program, the online FlexiTrack program, the on campus OnTrack Enabling Program, and K-Track for Indigenous students;
- Enhancing employment prospects by combining areas of study through double majors or combined degrees;
- Alternative pathways to high ATAR courses;
- Course-specific scholarships rewarding academic achievement, as well as scholarships for financial hardship;
- Media portfolio entry; and
- Extenuating circumstances entry.

See more HERE.