



Melville Matters 98

MELVILLE
SENIOR HIGH SCHOOL

April - May 2021



Achieving excellence today and
building bright futures for tomorrow.

RESILIENT INNOVATIVE SUCCESSFUL

Melville Senior High School acknowledges the Noongar people as the Traditional Owners of the land on which the school stands today and pays its respects to the Whadjuk people, and Elders past, present and emerging.



Proud to be a
**Waterwise
School**

www.melville.wa.edu.au
melville.shs@education.wa.edu.au
(08) 6274 1300
Cover: Mandy Miller



STEM School of
the Year
tour of
Government
House

From the Principal

Term two is always a busy one and this year is no exception. An eight week short term was handled brilliantly by the staff, students, parents and our community coping with the added complexity of COVID-19 in the first week. One such complexity (again due to COVID-19) saw us celebrating our 2019 STEM Excellence in School Leadership of the year award with a belated visit to Government House. His Excellency the Honourable Governor Kim Beazley AC was host to Mrs Dee Lewis our STEM Coordinator, myself and 30 identified top STEM students from Years 7 through to Year 12, who enjoyed morning tea and a tour of Government House. The event was extra special as we were the first tour since COVID-19 and we were treated by the Governor and his staff excellently as evidenced by the photos in this issue.

Celebrating our further successes is the attached copy of our Annual Report, which accompanies this fabulous Melville Matters edition. We are extremely proud of this report and the many outstanding achievements our students accomplished last year. Even with the significant interruptions due to COVID-19, 2020 was another great year for Melville Senior High School.

Collectively and individually the class of 2020 achieved outstanding results in the Western Australian Certificate of Education (WACE). The results indicate that Melville SHS is routinely able to graduate students with a WACE that affords them choice for their future, be that University, TAFE or the workplace. The Report has been out for a few months online on our website and I would like to thank Mr Paul Richards our Board Chair for his input and to the staff for creating 28 pages of highlights and celebrations of the 2020 year.

Both the School Board and the P&C have commented on the excellent results and the production value of the report with the many highlights in all aspects of school life. The printed document is a great celebration of 2020 so please read through it and celebrate with us.

Back to the fantastic work happening now in Term 2 2021. The staff and students are busy incorporating the usual exams, testing and reporting with NAPLAN for Years 7 and 9 occurring as I write this article. The preparation for student success in NAPLAN is supported by the whole school, with special thanks to not only the English and Mathematics Learning Areas but also the Literacy and Numeracy team, who have all equipped the students for success. For the past four weeks many students in Years 7 and 9 have attended the Literacy and Numeracy team specialist support after-school NAPLAN tutoring with marvellous turnouts of over 100 students attending each week.

Staff and students have been preparing all year for the Semester 1 exams with Years 11 and 12 starting in Week 6 and the Year 8 and 10 exams starting in Week 9. We wish all students the best of luck and remind them to utilise the range of Study and Life skills they have been taught to adequately prepare them to do their very best. A reminder to all students and parents that afterschool study classes are offered all year to provide students wanting extra support and help, so please speak to your teacher or Student Services to get the schedule of subject support. As always, if you would like to speak to your child's teacher please communicate with them via their email address as this is a very busy time for staff as they will be preparing exams, assignments, marking and finalising semester one results and working on reports to be posted out on Connect on June 30th, 2021.

The 2022 Subject Selection Handbooks will be distributed electronically in the second half of this term. The Handbooks explain next year's courses your child will be moving into and it is imperative that parents and students complete the Subject Selection Online through the school website in the time allocated to enable timetables, staffing, rooming and budgets to be planned for 2022. Further information will be sent out through Connect, if your email address has changed recently please communicate with the school so you will get the most recent information regarding course selection and reports at the end of the term.

Finally, we are increasingly aware as a society and a school that our children are exposed to many more pressures in life than we typically were at the same age. An ATAR pathway sometimes exposes a student to the pressures associated with exams, class rankings and deadline-driven critical work completion dates. The good news is that universities have recognised that getting an ATAR should not be the only way to gain tertiary entrance and a range of alternative university pathways are now available. Please feel free to explore some of these options with Mr McDougall, our VET and Transitions Manager, who is always available.

Alanna Sherwood
Principal



Above: Lisa O'Malley MLA, Michael Henning, Mr Randall Brink and Principal Ms Alanna Sherwood
Second Row: Robin and Maurice Lismann
Middle photo: Corey McCann
Next Rows: Rocket Making
Bottom: Come Fly with Me



Technologies

Aviation

Scholarship Winner

Year 12 student Michael Henning has won the Minister's Aviation Scholarship for \$5,000. This scholarship is awarded annually for the most deserving public secondary student in a Specialist Aviation Program. In Week 1, he was presented the prize by Ms Lisa O'Malley MLA.

Michael's interest in aviation was sparked at a young age when travelling with his family. He said "I was always on a plane either going on holiday or flying down to Perth from Exmouth during school break. Since joining the Aviation Program, Mr Brink has truly inspired me to further develop my interest in aviation. His captivating teaching allows me to excel in the subject. I recently achieved my Recreational Pilot's Licence and plan to use the scholarship towards my Private Pilot's Licence and further my possible future career in aviation".

Lismann Twins Go Solo

Robin and Maurice Lismann have been working hard at achieving their pilot licences at Air Australia. May 1st brought them flying happiness as they both went solo on the same day. Pictured with their flight instructors Taylor Plummer and Kadin Frost, the boys officially earned their Melville SHS gold wings.

Visit to Corsair Aviation Jandakot Airport

In Week 3, some of the Year 7 Aviation Specialist Program students were due for a flight experience. Bea Spencer, Alex Fabbris and Erik Durczak-Anyikwa accompanied Pilot Mr Brink on a visit to Corsair Aviation in Jandakot, after bad weather cancelled their flight to Rottnest. The students thoroughly enjoyed themselves, climbing in and out of the large and small helicopters. The students were particularly impressed by a business jet that Corsair Aviation had at their hangar. Thanks to Chief Pilot Daniel Kirkpatrick for making the day such a success.

Flying Training Flat Out!

Mr Brink since his return has been very busy with flights and flight training this term. Year 10 student Corey McCann is seen with Mr Brink in a quick selfie before he starts his Circuit flying lessons.

Rotto Run

In Week 4, three Year 7 students ventured into the skies with Mr Brink on a trip to Rottnest Island. Erik Durczak-Anyikwa sat in the pilot's seat, took the controls and flew from over Fremantle to Rottnest and back with the assistance of Mr Brink. The other two passengers on board were Bea Spencer and Alex Fabbris. All enjoyed their flight and had a great time beforehand pre-flying the aircraft with Mr Brink before taking off from Jandakot airport.

Rockets

Year 7 Aviation students were given the ultimate paper plane challenge in Week 4, a paper rocket! Students used craft cutters and glue to assemble their highly detailed rockets. The task required a lot of focus given the detailed instructions and dexterity required to cut out the pieces.

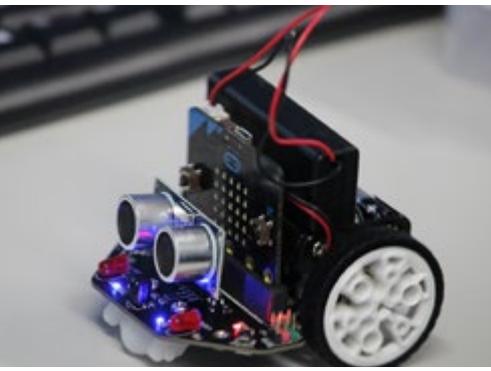
Come Fly With Me Graduates

The first Class of Years 5 and 6 Come Fly with Me Students for 2021 graduated at the end of Term 1. The students took part in an eight week 'taster' course (with a two hour session each week) and learned about aerodynamics, meteorology for aviation, paper plane design and flight lessons on a flight simulator. The final lesson of the Term is always celebrated with a joy flight in a small aircraft at Jandakot airport, a day the students look forward to from lesson 1.

Years 5 and 6 students who are interested in enrolling in the course can contact the school on 6274 1300 or visit [the website for more information](#).

Below and left: : Come Fly With Me Class at Jandakot Airport for their joy flight

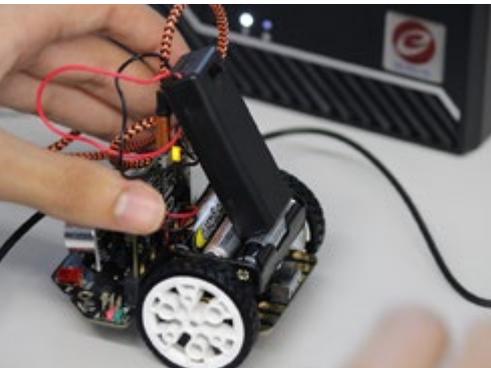




Top Rows:
Ev Challenge

Middle Row:
Bebras Challenge

Bottom Rows:
Digital Technologies robot programming



Technologies

Co-Curricular Activities

Electric Car Taking Shape

eV Challenge has been a popular after-school group at Melville SHS for many years now, with 2021 being no exception. Keen students have been working in the workshop on Monday and Thursday afternoons to prepare for the 2021 eV Challenge happening in November.

The students are productively gaining skills to design, build, test to construct a small single-seat electric vehicle, after which driver training will commence.

In November STEM High School teams participate in an all-day race meet. Powered by a limited battery capacity and built to a limited budget, the teams try and complete as many laps of a closed course as possible in 1 hour.

The eV Challenge powered by Synergy is one of Australia's premier STEM education competitions, encouraging innovative engineering in a competitive and stimulating arena.

BEBRAS Australia Computational Thinking Challenge

In Week 8, students entered the BEBRAS Challenge. The challenge is aimed at engaging students in collaborative, creative, and critical thinking. The competitors have 45 minutes to complete the Thinking Challenge and can work in teams of up to four students. The challenge is designed so the first student will log in and the system will then ask the other team members to log in one-by-one. Each challenge has 15 questions with the highest possible score being 135 points. Results were:

High Distinction	Emma Collette (<i>Top score for Melville SHS</i>)
Distinction	David Zhu
Credit	James Chang , Johann Gan , Theo Soekinto, Riley Spowart, Zachary Wogandt, Christabel Zin

All students will receive their certificate at their next assembly

What's Happening in Class?

Digital Technologies

The Year 10 Digital Technologies students are participating in the "Grid Iron Challenge". They use their programming skills to steer their "player" robot through the defence to score a touchdown. If the robot scores a touchdown, it will do a celebration dance. The first week of coding was pictured during Covid restrictions so it was nice to go back to take photos of faces.





STEM School of the Year
Government House Visit



Gifted and Talented

Student Leadership Group

During late Term 1, nominations to join the Gifted and Talented Leadership Group were opened. The current (2020) Student Leaders and Gifted and Talented Coordinator had a difficult time selecting from the strong pool of approximately 30 students who put their names forward. The successful students were the ones who methodically addressed the selection criteria which emphasised the importance of the successful candidate being organised and willing to go above and beyond.

The successful students (pictured below) were invited to a lunch with Mr Tills (Deputy Principal Middle School) and Mr Pearce (Gifted and Talented Coordinator) to celebrate their achievements. Here, Mr Tills encouraged the new Student Leaders to take this as an opportunity to make their voice heard on all matters pertaining to their education here at Melville SHS. Returning Year 9 Student Leader, Bhavya Chaudhry reiterated this sentiment, suggesting that there was never any harm in asking for more.

The Gifted and Talented Student Leaders meet once a fortnight to ideate, design, plan and run numerous functions and initiatives for the approximately 175 Gifted and Talented students at Melville Senior High School. These meetings are complemented by a weekly meeting of all Gifted and Talented students (Fridays lunch in F03).

Full list of 2021 Student Leaders:

Year 7	Year 8	Year 9	Senior School
Riley Spowart Caitlin Mooring Rithvik Selvakumar	Farah Marcellus (<i>returning</i>) Elijah Dizon Aeryn Wood	Bhavya Chaudhry (<i>returning</i>) Joel Gunasekaran	Fariha Asha (<i>returning</i>) Noah Verney



STEM School of the Year Government House Visit

Government House Welcomes Melville SHS Students

In Week 3, Melville Senior High School staff and students attended Government House with an invitation by the Governor to celebrate the success of the 2019 Governor's STEM School of the Year Award. Melville SHS won the award for Leadership Excellence in 2019, however, celebrations had to be delayed due to COVID-19 restrictions. The Governor personally welcomed select students from Years 7-12 for morning tea and a tour of Government House.

The award celebrates the integrated approach to STEM education displayed at Melville SHS, as well as the inclusion of STEM learning in non-typical STEM subjects across the school. As well as the tour of Government House, students were also invited to view some 'behind-the-scenes' areas such as the Governor's Office where they learned about the rich history of Government House.

Although the celebration was delayed until 2021, students and staff say it was worth the wait and all agreed it was a fantastic opportunity.





Arts

Music in Focus

In Week 8, the Music Brunch was held in the Performing Arts Centre. All Bands and Ensembles performed to an appreciative audience of family and friends.



Graphic Design Media

Students Work with Street Artist: Nathan Hoyle

The Year 9 Graphic Design Media class recently had the exciting opportunity to work with street artist Nathan Hoyle. Nathan Hoyle is a visual artist who works with mixed media, working in the Fremantle area. The Year 9 class has been working on a collaborative project with Nathan Hoyle, sponsored by the City of Melville. The project involves students designing and painting a mural on Marmion Street. In Week 4, students put their design skills to the test. Working with Mr Hoyle to develop ideas through process-based experiments, students have been developing their knowledge of elements and principles of design while coming up with novel design solutions. Watch this space as more project developments will be coming in later issues of Melville Matters.





Mathematics

Students Squeeze In!

Year 7 students in Mathematics are currently learning about volumes, and just how large a cubic metre is. The students were asked how many of their fellow students they think would fit inside a cubic metre, and then put it to the test! Mr Farrell's Year 7 class managed to fit 9. After this challenge, students were given small cubic centimetre blocks to calculate and see how many would fit within the cubic metre. This was a very hands-on learning experience which the Year 7's thoroughly enjoyed!



HASS

Waterwise Experience

The Water Corporation provides an interactive, multi-sensory incursion designed to inform and engage students about water sustainability. Late in Term 1, members of the Waterwise team set up tents on the school oval and our Year 7 and 8 students participated in the experience.

It allowed students to gain a unique insight into identifying water sources and understanding our water supply and treatment processes.

Mundaring Weir Excursion

Year 7 students also undertook an excursion to Mundaring Weir. Eighty students over two days were able to find out about the history and operation of the Weir.

The students were fortunate to hear from the grandson of C.Y. O'Connor, who described in great detail the wonderful achievements of his famous grandfather. He was also able to bust the myth about his death.

Students were also involved in a fun, hands-on experience on the importance of the stations along the pipeline to ensure water made its way to Western Australia's dry interior.

Learning Resource Centre

Celebration and Commemoration Exhibitions

The Learning Resource Centre is very pleased to take ownership of a new glass display cabinet which is perfect for exhibiting the displays organised by the LRC team.

In commemoration of ANZAC Day, the LRC team organised a collection of war medals to be displayed. These medals were kindly loaned to the school by Mrs Tucker and Ms Gusmeroli. The display consisted of ANZAC books the students could loan out, information on ANZAC symbols, the story of Simpson and his donkey, what life was like for the ANZACs and the importance of Dawn Service commemorations.

After ANZAC day, there was a quick turn around to prepare for Star Wars Day - also known as 'May the 4th be with you'. This informal day of celebration recognises George Lucas' Star Wars media franchise and was celebrated with a fantastic display of Star Wars accessories. The main feature of the display was some fantastic Star Wars Lego, loaned from Mr Glazbrook and Ms Browne plus a Super 8 movie reel and read along books from Mr Tuppin.

The LRC has recently purchased the latest Study Guides for Year 12 ATAR students, and also increased the Collection of Indigenous works with beautiful picture books and novels, either by Indigenous authors or featuring Indigenous characters which are now all available for loan.

At the end of Term 1, one of our Library Officers, Mrs Carolyn Jorritsma, retired after more than 25 years at Melville SHS. The LRC team wish her well and happy reading in her new adventures.





Top :
Scitech Coding Incursion

Middle: Year 9 Chemistry

Below:
Year 12 English



Science

Super Scitech Incursion

Some of the Year 7 and 8 students were lucky enough to attend an incursion by Scitech this term. Year 7s were introduced to the world of forensic science, where they had to solve a mystery “who-dunn-it” scenario using forensic science techniques. The Year 8s were introduced to STEM through the use of m:bots. The students learnt how to program the robots using a language called ‘Scratch’.

Throughout this term, the Year 7s have been investigating simple machines. This includes levers, pulleys, wheels, wedges, screws and ramps! Some classes have even been able to design and test their own catapults, putting their new knowledge to the test.

The Year 8 students have been experiencing the excitement that is chemistry. Students have been learning about the different elements of the periodic table, why the table is arranged as it is, and have been having a wonderful time doing laboratory experiments such as the footy colours experiment, where students are required to mix chemicals to produce precipitates of different colours!

In Year 9, students have been travelling along the electromagnetic spectrum. Students have learnt the difference between a transverse and longitudinal wave, and how different frequency waves produce different coloured light. Did you know that if you combine all colours of the rainbow together, they produce white light?

The Pathway A Year 10 students have just finished off a term of Chemistry with an investigation that aimed to identify the rate of gas production during a reaction. The students had to collect gas and determine the rate at which it was produced using graphing techniques and equations. Pathway B and C students have been learning all about genetics and inheritance, with students having the opportunity to extract real DNA from peas and strawberries. Students have also had the opportunity to look at their family traits and map them in a pedigree chart.

The Year 11 Physics students have been investigating the resistivity (how much a material resists electrical current) in metals. This is the culmination of their learning about electricity and how the circuitry is designed for various purposes.

In Year 12, Physics students stirred a solution of copper sulfate by passing a current through the solution while in the presence of a strong magnetic field. They found that the ions will be pushed out of the magnetic field creating currents and stirring the solution.

English

Year 12 Students Master English

In late Term 1, the ATAR English Masterclasses commenced for Year 12 students. These sessions are designed to interrogate important syllabus concepts that students find particularly difficult to comprehend. Mr Pearce kicked off the first Masterclass with style. No, seriously. The syllabus concept, style, is often poorly understood by students, particularly when they are asked to identify an author or director’s style. Students were treated to afternoon tea and a cinematic screening of Michael Bay classics like Transformers and Armageddon. Students then deconstructed the texts, and recognised commonalities in terms of their production (think loud music, explosions, action sequences), thus demystifying this complex concept.

Masterclasses have continued into Term 2. They are run out of F03 and are presented by a rotating roster of English teaching staff. If you are a student wanting to elevate your scores in English, feel free to come by for support.





Health and Physical Education

State Team Representatives

Congratulations to Year 7 student Privilash Pillay who has been selected in the Hockey 12s Boys' State Schools WA Hockey Team.

Congratulations also to Year 10 student Jacinta Nicholls who has been accepted into the Netball Under 15s State Schools WA Netball team.

Year 8 Lightning Carnival

The Year 8 Lightning Carnival ran in Week 4 of this term. The sports included were Netball, Soccer, Basketball and Football. All participating students represented Melville SHS with great enthusiasm and pride.

The Year 11, Certificate II students have coached, umpired and managed teams across two Lightning Carnivals this year under the leadership of Mrs McLeod and Mr Brooks, adding valuable industry experience to their portfolios.

The results were as follows:

Soccer	Girls	First
	Boys	Fifth
Basketball	Boys	Fourth
Netball	Team 1	First in Division 1
	Team 2	Second in Division 2

Some highlights from the Boy's Soccer included the brilliant individual performances from several players such as Luke Rawlins-Smith and Hank Van Veldhuisen. Both spent time in goals and had a very busy day but managed to save some really good shots from the opposition. Lucas Warby was a rock down in defence, working hard all day and encouraged his teammates until the very last whistle. This was also the day the Specialist Netball students showcased their new Netball uniforms for the first time, and the girl's soccer team was undefeated on the day.

The boy's Soccer Coach Mr Berardini said he "was very proud of them and cannot wait to take them on a lightning carnival again" He also said "I believe the main highlight to be how the boys displayed persistence and sportsmanship in a day that was very difficult for us. Although we did not get the result we would have liked, the boys accepted the challenge of being put in A grade with no substitutions and played all five games in the correct spirit. Not once did the boys drop their head. They continued to defend all day and represented the school very well and we were acknowledged by other schools during presentations for the way in which the boys conducted themselves".

Pictured on these pages are the Specialist Netball teams at the Year 8 Lightning Carnival sporting their new uniforms.





Above
Senior Interschool AFL
Below
Senior Interschool Soccer

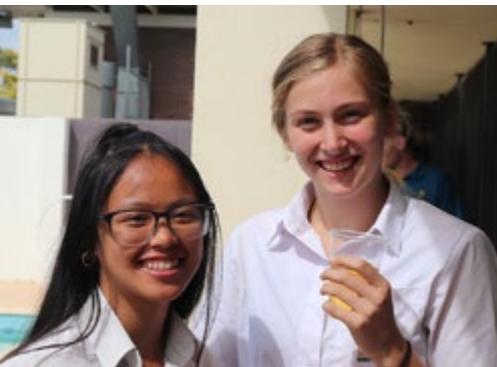


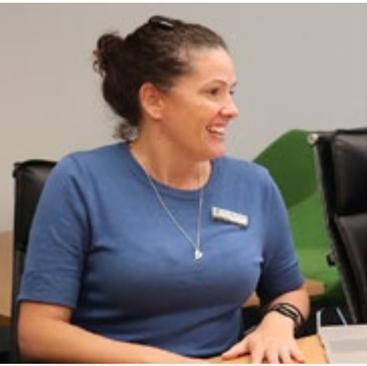
Health and Physical Education

Rewarding Hard Work

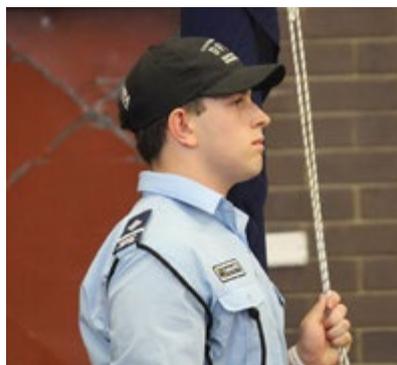
On the last day of Term 1, the Health and Physical Education department hosted their quarterly 'Celebrating Student Success' poolside morning tea. Students were selected and invited to attend this special event for consistently demonstrating one or more of our core school values - Respect, Learning, Excellence, Relationships and Inclusivity.

The morning tea proved to be a great success and was thoroughly enjoyed by the staff and students alike who attended. The Health and Phys Ed department would just like to once again congratulate those students who were selected on their great efforts throughout Term 1.





Above: Noongar Community Morning Tea
Below: In Week 1, The school held a very moving ANZAC Ceremony.



Student Services

Morning Tea with the Principal

In Week 3, Melville SHS invited local members of the local Noongar community to attend a morning tea with the executive team for discussions about Aboriginal Engagement across the school and to gain a better understanding of cultural direction going forward. Some fantastic aspects discussed during the casual morning tea included dual naming buildings at Melville SHS to include Noongar language and ideas for inclusive artistic displays across the school.

It was great to hear from one local lady who has lived locally for 30 odd years and is widely known as an active member in the community. She attended Melville SHS herself, as did her children, grand-children, and nephews.

Melville SHS has been actively looking at ways to better engage with the community and hopes to grow conversations and partnerships to better work towards our vision of achieving excellence today and building bright futures for tomorrow.

Colour Run

The Student Council held an Event called the Colour Run on the last day of term One. This involved over a hundred students running a circuit while being bombarded with different colour vegetable powders, which soon turned into a psychedelic celebration of the end of term. Over the last six months the Student Council has raised enough money to donate \$1000 to Zonta House (Womens Refuge) and \$1500 to Canteen (Bandanna Day). Thank you to all the students how have supported our fundraising efforts. Colour Run photos are on the following page.

Harmony Committee

India Covid Relief Fundraiser

In Week 5, the Melville SHS Harmony Committee organised the sale of Indian food to assist the relief work in India to combat COVID-19. All proceeds, including \$200 donated by the canteen on behalf of the P&C, will be given to a WA Education Department accredited charity affiliated with Indian relief organisations.

With the addition of the sales, a P&C donation and the substantial donations provided by staff and students, Melville SHS have raised \$1121.40 towards the SEWA charity.

The generosity demonstrated by the Melville School community exemplifying the school's inclusivity value is remarkable.

Harmony Week

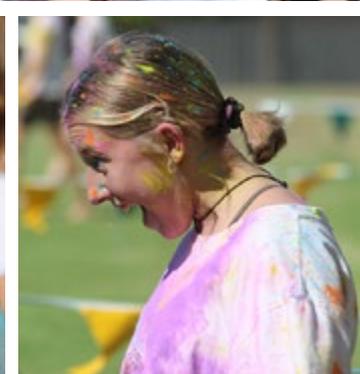
Late in Term 1 the school celebrated Harmony Week. Students dressed in traditional outfits and are pictured top right.



Right
Melville SHS Harmony
Committee

Top Right
Harmony Week





Study and Life Skills Program

Teaching and Learning Team Takes Off

The Melville SHS Study and Life Skills Program is an initiative created to better support our students and their learning needs by developing an important set of transferable life skills appropriate to all disciplines and in different life circumstances. This whole-school approach to better support our students is created in conjunction with teachers and feedback from students and parents. To improve transparency within these groups and provide more holistic support for our students the content will be made available through professional learning for teachers, and student and parent workshops.



As a part of the Study and Life Skills program this semester, the team in charge will be providing students with information and weekly support (Info Bites). This information will target specific areas within the program and can be found on Connect in My Spaces in the library section. Notifications will also come out to students via Connect when this information becomes available. Below is an overview of the Term 2 Info Bites for students:

Week	Year/s	Content
1	7 - 12	Organisation - tips on organisation and setting goals
2	7 - 12	Assignment Tips
3	11 - 12	Exam / test preparation
4	7 - 12	Are you looking after yourself? - school work /life balance, sleep, diet
5	7 - 12	Stress tips / Relaxation and meditation
6	7 - 12	Motivation
7	7 - 10	Exam / test preparation
9	11 - 12	Post exam/test review of feedback from your exams
10	7 - 12	Reflect and reassess goals
11	7 - 12	Reading for pleasure

Study Skills Workshops | Thursdays 3pm - 4pm

This term, Teaching and Learning staff Mrs Cukrov and Mrs Glasson are offering study skills sessions in the library after school every Thursday from 3pm - 4pm. This helps students with a range of things including;

- Time management
- Organisation
- Note-taking and referencing
- Study techniques
- Assignment support

If you would like to attend one or more of these sessions there will be a sign-up sheet in the library, or just turn up. All year groups are welcome.

Upcoming Event | Parent Seminar

In Term 3 we will be hosting a parent information night which will identify ways you can support your child to improve their study habits. We will also provide information on specific areas that we believe our students need extra support in. Details of the seminar to be released later this term.

Study Skills Workshop



YEAR 12 BALL



*Achieving excellence today and
building bright futures for tomorrow*

RESILIENT INNOVATIVE SUCCESSFUL