



National Leading School  
Innovative Schools Program



Microsoft

No. 2 December 2017

Principal: Dr Ken Edge

# Miller Messenger

Newsletter



Promoting  
and building  
quality  
teaching

Providing  
a variety of  
learning platforms  
to cater for  
individual student  
needs

Promoting  
engagement  
through the  
building of quality  
relationships

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- Focus on Ability—short film competition
- Connecting local schools Full Steam Ahead
- Extra English
- Sydney Peace Prize 2017
- Academic Challenge and Excellence Program
- Support for Refugee Students
- Creative Arts Night 2017

## **Important Dates**

- 1 Dec Support Unit graduation
- 4 Dec Presentation Day
- 5 Dec Year 7 2018  
- Orientation Day
- 6-8 Dec Year 7 & 9 Camp
- 11 Dec Year 7,8,9 reports distributed
- 13 Dec Creative Arts Night
- 16 Dec Staff Development Day

### **Term 1 2018 Dates**

- 29 Jan Staff Development Day
- 30 Jan Year 7 ,11 & 12  
commence school
- 31 Jan Year 8, 9 & 10  
commence school
- 31 Jan Year 7 excursion to  
- Casula Powerhouse  
Arts Centre

\* Please note dates are subject to change



Scan this QR code to instantly  
access the school website





## *Principal's Message*

Well, the finishing line for the 2017 academic year has almost been reached. Our successes over this year could not have been achieved without the incredible commitment of the staff, parent community and young men and women of Miller; they are indeed the stars of the show.

While the front cover of this edition of the Miller Messenger celebrates the diversity of cultures across our school community with images from Multicultural Day, there have been many highlights in school life over the year. However, to single out just one would be quite inappropriate, so I will mention a sample which I think gives an indication of why we deserve to feel so proud.

At the end of Term 3 we farewelled Year 12 and wished them great success in the HSC examinations. Year 12 have been great learners and I know that they will go forth and use that learning to make their own maps to better address the challenges our society and our planet face with character, leadership, scholarship, and innovation.

Our annual Presentation Day was well received with over a 100 parents in attendance. This is an important event as our school community comes together to celebrate a year of student achievement, in academic, sporting and cultural endeavours; and a time for staff to take pride and celebrate their contributions to student scholarship in our much respected, institution of learning.

As a school we continue to have great success with a number of annual events. Again our multicultural day was a wonderful day with all students feeling a sense of pride as the SRC raised over \$500 sponsorship for Yami Joram, a 7 year old, from northeast India, to support her education and provide health services for her and her family.

The combined NAIDOC celebrations held at Miller Primary School were once again a fantastic celebration of Aboriginal culture and heritage. The opening ceremony was amazing. All the teachers and students involved should be very proud of their efforts in connecting and building a sense of belonging.

Once again, congratulations to Support Unit students as they were again finalists in this year's 'Focus on Ability' film festival with their documentary, 'The Making of Game at Play' and a short film, titled 'Poison Crown'.

At the youth week event at Casula Powerhouse our students showcased their projects including, as part of the Refill2 program, the PODIS (portal of dimensions in space). All the students that attended were great ambassadors for the school.

In catering for individual talents and abilities project based learning in Year 7, the Academic Challenge and Excellence (ACE) program and the Self-organised Learning Environment or SOLE classroom have supported students to further develop skills to live productive and responsible lives in a complex and rapidly changing global economy. Importantly, in equipping young people to take advantage of opportunity, the Premier's Debating Challenge has honed the public speaking and reasoning skills of student leaders in the school.

These are only a sample of our special moments and as Principal I'm very proud of every student as they have demonstrated commitment and tried to do their very best during the year. And remember each one of you is very special and unique.

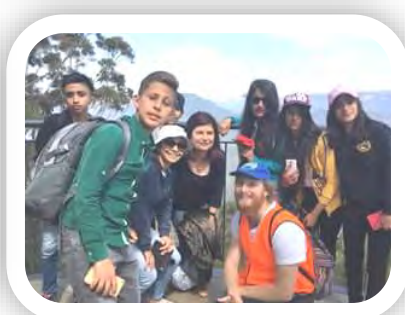
To all parents and caregivers, I thank you for your passionate support of all things Miller and for giving us the opportunity to work in partnership to give the greatest gift of all, for all of our children – the gift of education.

Finally, I would also like to extend to all members of our school community my very best wishes for the up-coming summer holidays—Keep safe, relax a be happy.!

Please visit our schools Facebook page and our new website for additional information on MTHS events. We also have an Instagram account **wellbeing\_mths**.

*Dr Ken Edge*

Principal





# What is ALARM?

By now, you will have noticed that all our Stage 6 students are doing ALARM in all their subjects. But what is ALARM all about and why are we doing it?



## A LEARNING AND RESPONDING MATRIX

ALARM is a system of learning and responding to exam and assessment questions. It is being implemented in many NSW schools and is obtaining good results.

ALARM seeks to help students learn how to learn by making the learning process EXPLICIT. It is important to understand how to learn if we are to take on board more than just the content to be learned. Understanding how to learn, rather than just the content, is the key to becoming lifelong learners.

Another purpose of ALARM is to promote deep understanding, rather than superficial knowledge which is learned by rote. This is achieved partly by requiring us to employ higher order thinking skills, such as analysis and evaluation, but primarily by asking challenging questions, which promote inquiry and reflection.

How does ALARM work?

### ALARM :

- provides a step by step guide to the process of learning and then responding to a question
- makes explicit the ordering of concepts from simple to complex
- allows students to tap into higher order concepts throughout the teaching process
- aids students to identify gaps in their knowledge
- allows students to communicate with a common terminology across the curriculum
- provides templates which can be adapted to suit content area, complexity of information, level of depth required

Identify

Describe

Explain

Analyse

Interpret

Critically  
Analyse

Evaluate

### What's the good news for Miller High School?

Students in Years 7-10 who are writing paragraphs using PEEL (Point, Explain, Examples, Link) and using the super 6 strategies of connecting, predicting, visualising, monitoring, questioning and summarising to understand what they read will have a big head start when they start to use ALARM in Year 11.

*Sue Celkys*

*Literacy Consultant—Miller Technology High School*

**SRC**

# OUR SPONSOR CHILD



The SRC was eager to set their goals in 2017. A unanimous decision was made by the SRC to support kids who are underprivileged. The SRC was excited to start the process and announced the information on Multicultural Day as a symbol of harmony. The SRC will now lead the charge to show the community that Miller Technology High School is a school that promotes harmony and acceptance. Our school's cultural diversity encouraged the school body to help others and was the catalyst for the SRC to get involved in the World Vision 'Sponsor a child Program' which the SRC hopes will go on for many more years after the current SRC members as it is truly something wonderful to be a part of.

**Yasser Hashem**

**Year 11 SRC representative**

This is Yami Joram she is 7 years old, she was born on 24 May 2010. Yami lives in a remote, mountainous area of northeast India, about 35km from the nearest town. Some 95,000 people live there. Most people are farmers, but erratic weather makes it hard to grow enough food. Education is a low priority and many children drop out of school to care for siblings and do farm work. Child marriage is common. Health services are limited and poor sanitation and hygiene practices help to spread waterborne diseases.

**Sponsor a child  
and see a  
community grow.**



## Four Priorities for Child Well being



**1. Nutrition**

Increase in children healthy & well nourished



**2. Education**

Improved quality of learning and life skills outcomes



**3. Youth**

Creative and active citizens – the next generation of leaders



**4. Child Protection**

Children protected from abuse and exploitation

## About World Vision

- Global Christian Humanitarian Organization
- Working in nearly 100 countries around the world
- Dedicated to working with children, families and communities to fight causes of poverty and injustice
- **Ways to give:** sponsor a child, emergency aid, give a gift, meet basic needs





# MTHS Support Unit

The Support Faculty was established at MTHS in 2015. Since then we have grown from two classes to four, with 36 students. Individual education plans form the basis of our teaching programs and define priorities for teaching and learning. Staff work hard to ensure that the students and their unique abilities are fostered and enhanced, in a caring and welcoming environment. In the Support Faculty, we have a Literacy and Numeracy focus Monday-Wednesday, a 20-minute walking session each day and daily mindfulness relaxation sessions, which help students build resilience and focus.

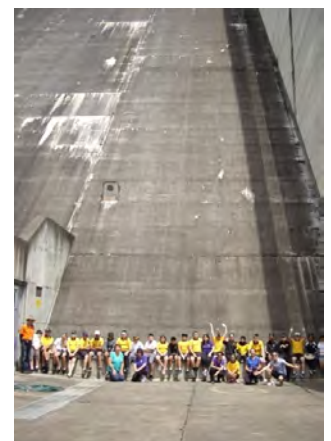
Each fortnight the students are involved in Community Access days in order to develop the Life Skills required to move around in their environment in a safe and positive manner. On these days, the students interact with various activities. These include planning and following

timetables, using public transport and having unique experiences such as visiting the National Park, sailing, dining in restaurants, shopping and visiting historical sites. These fortnightly educational days help students enhance their communication skills, compliment their classroom learning, they learn about safety and how to work in a team.

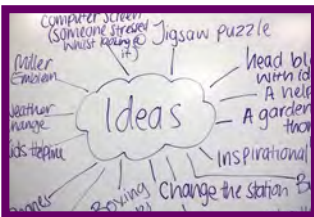
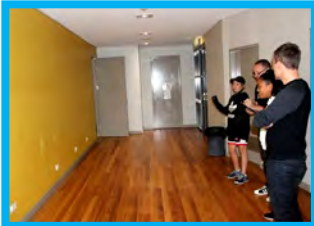
Outside the support classroom, some of our students are involved in the MTHS Automotive, Sport and Hospitality programs. They help with the catering for some school events, assist at the drag races and some have been involved in a highly rated short film competition. In the Support Faculty, we value and respect each other and like to call our Faculty a family.

**Bessy Perisentis**

**Teacher—Support Unit**



# CREATIVE YOUTH WELLBEING PROGRAM



Seven talented students from MTHS had the opportunity to participate in an art therapy and wellbeing program at PCYC Liverpool earlier this year.

## LIVERPOOL

The program received sponsorship from the Canterbury Bulldogs community funding.

Activities Coordinator at PCYC Liverpool— Karina Victoire organised the program that addressed a different topic each week which had been identified as areas of concern amongst young people, which included — identity, cyber safety, bullying, graffiti/vandalism, relationships, mental health awareness and general health/wellbeing.

Students benefitted from the weekly workshops and enjoyed working with graffiti artist Mystery from The Street University who ran the graffiti workshops. He helped the students put together all their ideas to create a graffiti mural in PCYC Liverpool that represented the different topics cover in the program.

Thank you to Karina a former student from MTHS for putting together a well delivered program with various guests speakers from local youth service providers such as Head Space.

Students from Years 7-12 participated in the program including School Captain Gabriella Puruto and friends Josephine Matangi, Laviniaar Laui in Year 12. Other participating students were Roseanna Puruto, Juliana Barakat, Angus Sheargold and Maresha Lomia. Students were supervised by Ms Atkins and Mr Critcher during the Wellbeing program and the all day Saturday workshop when they created the mural.

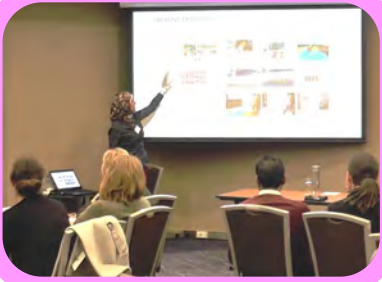
*We began brainstorming about the mural, thinking of what idea we could use to express teenage issues. The Issues that were being addressed were the way we as teenagers are using social media and technology and how we confront real life issues. Mystery helped us gather ideas to create one artwork where we could explore the wonders of how artists like us can put hard work into creating a visually appealing artwork as we gathered new skills. During the project we learnt more about art and about who we are and how we can change our perspective and outlook on life.*

**Roseanna Puruto and Juliana Barakat**





# Numeracy Moments

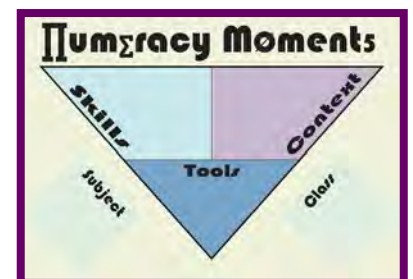


Numeracy Moments have been an important focus at MTHS during terms 2 and 3. Every student across the school was exposed to numeracy moments in lessons across the whole school curriculum. Teachers across all faculties received professional learning on how to incorporate numeracy into their lessons. Research shows that students are more likely to retain mathematical skills when it is linked to a real-life activity or task. Many of these tasks were group based activities, as working in groups reduces the anxiety that many adults and students have towards maths. Numeracy moments provide an opportunity for students to discuss their ideas mathematically in a non-stressful situation. It is hoped that linking the application of mathematics to real life contexts will help build confidence and change the attitude of students towards maths.

Faculties were given the opportunity to showcase their Numeracy Moments to all teachers during our staff meetings in term 3. This included the English, ESL, Mathematics, Science, PDHPE, Industrial Arts and Food Technology, Intensive English Centre (IEC), Support Unit, CAPA and HSIE. The showcase presentations displayed the teacher's creativity in delivering numeracy moments for MTHS students. Some examples included videos, musical instruments, PowerPoints, data logger, and other tools. This had the director interested in the English numeracy moments showcase.

RINSE is an acronym we use to identify a process we have developed at MTHS to help students solve numeracy based word problems. RINSE has been built on the processes and strategies good mathematicians use to solve mathematical problems. The aim is to have students become familiar with the process, to build their confidence with numeracy problems and most importantly it is what good mathematicians use.

Much of what we have been able to achieve this year has come from an Improving Numeracy Outcomes Project that the Department of Education has invested into. Mrs Abu Swireh began to lead this project, a numeracy team was formed and whole school numeracy was initiated. There were many ideas from the conferences that could be shared with the whole school. It has allowed MTHS to provide leadership to a host of other public schools.



*Mrs Abu Swireh*

*Numeracy Moments Coordinator*

## Year 7 Numeracy Moment

# The perfect pink paint

Year 7 Students were excited when they saw paint brushes and paints during their maths lesson. While students were engaged in using red and white paint to create the perfect pink colour, they were also learning about fractions and ratios. The perfect pink paint can be created using red and white paint mixed in a certain ratio of red:white. So, by mixing different parts of white and red paint students created the perfect pink paint. Some students started to ask questions such as 'Is that how different colours of paint are made?'. A Numeracy Moment!

It's Numeracy Moments like these that students start to make connections with what they learn in class to real life. These Numeracy skills are more likely to be remembered in the future.

The final part of the lesson required students to select the perfect red and white ratio and make more of it to paint the picture. To make it more interesting, students were given the choice to select other ratios to paint different parts of the picture. Students really enjoyed the task. **"It was a unique lesson because it's cool to learn about fractions while doing painting. It's not just about learning maths, it's about life. We didn't have to write because we were doing a practical lesson. Everyone was on task and all the students enjoyed the painting task."** Teaching fractions and ratios was one of the activities that some teachers undertook during the Numeracy Moments professional learning that Mrs Abu Swireh lead at MTHS. Many teachers were keen to take ideas and apply them in their classroom. This was reflected in the Numeracy Moments showcase.

### CONNECTING FRACTIONS AND RATIOS



Red : Green  
1 : 2

Total number  
of parts is 3

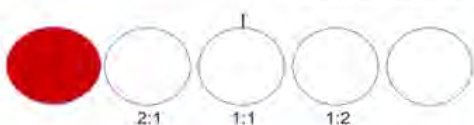
$\frac{1}{3}$  is Red

$\frac{2}{3}$  is Green



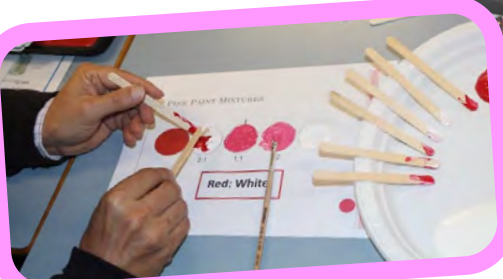
### PINK PAINT MIXTURES

Create the paint mixtures using the ratios below, paint each circle to show the pink shade.



Red: White

Source: Numeracy for Learning K-12  
Conference 2017





# THRIVE - Refugee Targeted support partnership with LMA

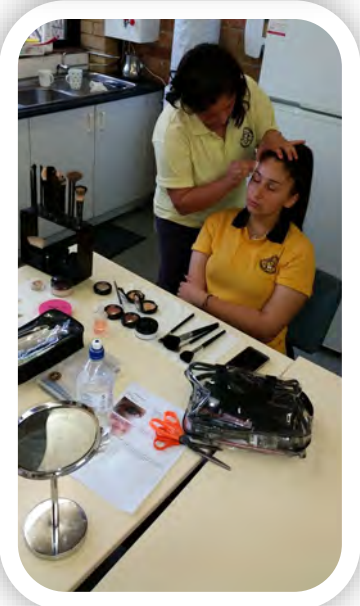


Funded by the Department of Social Services, the Thrive program was launched in 2016, to provide support, guidance and exciting opportunities for newly arrived young migrants and refugees. The team has been working closely with the school, having successfully delivered Goal-Setting sessions, Make-up workshops and the Universal Cooks program (IEC).

The following efforts have resulted in the establishment of strong relationships with the students, of whom some are now attending additional programs outside of Liverpool, such as soccer training with the Australian Soccer School.

The Youth transition worker, Wejdan Shmala, is currently working with our Year 12 students, through 'Outreach' where they receive one on one assistance with helping them find pathways to work.

*Manelle Baltagi—HT ESL Faculty*



## Miller Students are 'thriving'!

### Some positive things for our school

Last year we had 8 of our refugee students receive First Aid training funding through Thrive to complete their PDHPE First aid component. Also, a group of students were trained in a 6 week makeup course where they learnt some great makeup skills.

Thrive and Miller Technology High School have also put together a working plan for 2017, which includes outreach at the school, in which casework will be a main component. This will be of paramount importance for our plan to identify support and opportunities for our at risk students.



# DEBATING AT MTHS



This year, students in Years 7-10 at Miller Technology High School have had the exciting opportunity to develop their public speaking and reasoning skills as part of the MTHS Debating Team. Our students have participated in the Premier's Debating Challenge, Speaking 4 the Planet, and a number of debating and public speaking workshops.

The Premier's Debating Challenge is a debating competition open to all NSW government schools. Teams entering the challenge compete in a round robin series of debates against nearby schools, with the winners going on to compete at regional and state level to determine the eventual state champion. Students in Years 9 and 10 went up against Lurnea High School in their zone challenge. While Miller didn't make it through to the next round of the competition, each student who participated made incredible progress, and demonstrated impressive potential in their public speaking and reasoning skills.

In their Zone, our Year 7 and 8 students versed two strong and seasoned teams from Hurlstone Agricultural High School. In round 3, the B teams from MTHS and HAHS tackled the challenging topic: *That we should require politicians to send their children to public schools*, with the Hurlstone team being the deserved winner of the debate.

Following this was an extremely close and engaging debate. The A teams debated the following topic: that *The Government should impose a curfew on teenagers*. Miller, the negative team, narrowly missed out on being awarded the debate. To come so close to defeating a longstanding selective high school team in their very first year of debating reflects the talent, dedication, and potential of students here MTHS.

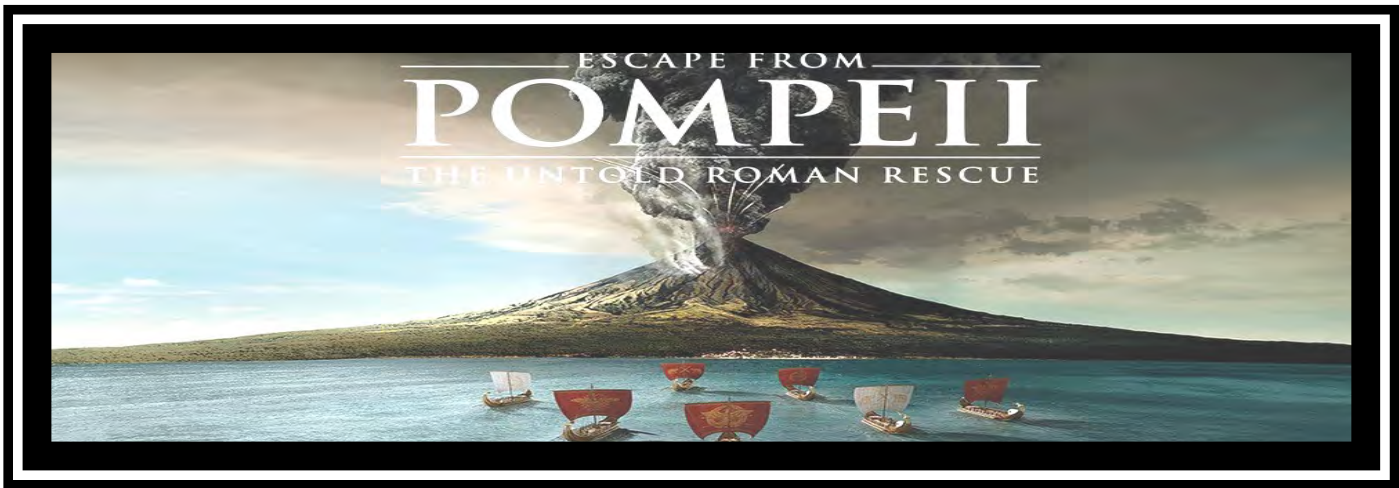
At Speaking 4 the Planet, our students participated in prepared speeches, impromptu speeches and impromptu drama using the United Nation's World Environment Day Theme - Connecting People to Nature: I'm with Nature - as their inspiration. Our impromptu drama squad was awarded Runner Up on the day.

This term, students from Miller attended the state finals for the Premier's Public Speaking Challenge at the Art Gallery of NSW, and the Premier's Debating Challenge 9&10 at Sydney University. We are looking forward to another year of debating and public speaking in 2018, and extending the program to our students in years 11 and 12. We encourage all students who are interested in learning how to win an argument while developing their public speaking and reasoning skills to join!

**Miss Hughes**  
**MTHS Debating Coordinator**







Year 12 Ancient History students along with their teacher Mr Podolsak attended the 'Escape from Pompeii—The untold Roman rescue' exhibition at the Australian National Maritime Museum. The international exhibition focused on the untold story of the dramatic rescue attempt following one of history's most famous and devastating natural disasters – the eruption of Mt Vesuvius and the destruction of Pompeii in 79 AD.

Told through the words of the Roman Navy's commander of the fleet Pliny the Elder and his nephew, Pliny the Younger who witnessed the event and created the only surviving firsthand account of the disaster. The exhibition brought to Australia rare artefacts from Pompeii, Herculaneum and from sites around the Bay of Naples.

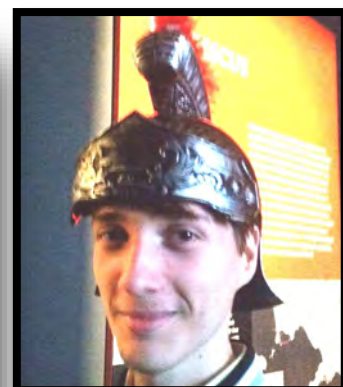
On 24 August 79 AD, as Mt Vesuvius exploded, spewing ash and pumice into the air, Pliny received a desperate message for help from a friend whose villa was at the foot of the mountain. He immediately sent out his largest warships, endangering himself and his crew, to rescue as many people as possible.

On display at the exhibition were everyday objects recovered from Pompeii thousands of years later, including beautiful jewellery, lamps, tableware, a mirror, and even food items such as bread, wheat and figs, all remarkably preserved in the ash and debris.

Five haunting body casts of victims of the eruption were also included, capturing their final moments which were also preserved in the ash.

Escape from Pompeii was a great exhibition developed by the Australian National Maritime Museum in association with Expona and Contemporanea Progetti.

**Anthony Vaivarnish—Year 12 Ancient History**



# I SCIENCE



Tracy Noble was our guest speaker at the first ROSE Assembly of 2017. She was there to share her passion for education and science.

She told the school that she loves science so much that she has a t-shirt that has the chemical equation for coffee on it and socks that say genius. She said *"I am not claiming to be a genius but you don't need to be one to appreciate the role that science plays in understanding our world."*



Tracy has been at MTHS for just over a year and is the lab technician for the science faculty. She is also studying a Bachelor of Science degree and next year will be starting her teaching degree. She said that she loved science so much

that her graduation cake will feature the periodic table of the chemical elements.



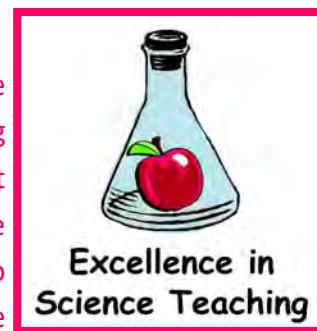
She explained that her love

of science and desire to be a science teacher was a bit of an accident. After her father sold the family business she needed to find new employment. So she sent her resume to 64 schools in the local area. Eventually she was asked to attend an interview for a job as a lab technician in the science faculty. She said she was extra nervous at the interview as her level of science at the time was mixing cordial with water and mixing ingredients to make cakes.

Tracy who has lived in the Green Valley area all her life shared that she had her first child just six weeks before her HSC exams. She said *"If I could have time travelled then to the future to see that I would be here today talking to you at a whole school assembly about how much I love science. I would not have believed it."*

Tracy said anyone can achieve their dreams if they have the ambition and drive and that she is proof of that. But people also need support and encouragement. Although some people tried to tell her that couldn't do it. Tracy said that she uses the negative comments from other people to motivate her. The choices that you make when you are young don't have to define who you are as a person. You can create your own future.

It's important that we have fun with our learning and I see a lot of that at this school. The science faculty are a great team to work with led by Mr Lane

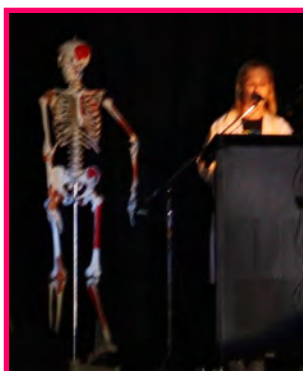


who deserves an excellence in science teaching award for his dedication to creating engaging programs and activities that encourage students to understand and appreciate the wonder of science and role it plays in their lives.

My dream is to become a science teacher who is as inspirational as Mr Lane. So don't ever underestimate your

21 Sc 44.956	53 I 126.904	2081'02 01 a N 10	58 Ce 140.116
52 Te 127.6	89 Ac 227	1 H 1.008	68 Er 167.259

potential. Believe in yourself and above all remember science rules and it's cool to be a science nerd. I am an example of one of those old cliches about not judging a book by it's cover.





# CAREERS



Year 11 students participated in Western Sydney Uni Day earlier in the year, where they experienced what it was like to study at WSU. Students met current university students, academics and went on a tour around the Parramatta campus. Popular courses included medicine, psychology, and teaching. Participating in careers expos and open days like this helps students build networks and develop knowledge and skills to make informed decisions about their future.

Western Sydney University is expanding and currently building a new campus in the Liverpool CBD. The new purpose built facilities will span nine floors and accommodate 2,500 students with a focus on nursing, social work, anthropology, criminology and policing programs. The campus is part of the Westfields Liverpool complex and will be open and ready for business in 2018. The additional WSU campus will provide more educational opportunities for our students.

***Mariane Benitez***

***Careers Adviser / Year 12 Adviser***







# Anzac Day 2017



Our ANZAC Day assembly was held before the April school holidays this year.

Mr Thompson was the ANZAC Day Service Director and organiser of the event which was held in the school quad.

School Captain Gabriella Puruto and Vice Captain Marcelo Locardi-Rauth ran the special assembly.



School Principal Dr Edge addressed the school about the importance of ANZAC Day which was followed by the Anzac Day speech delivered by Rohallah Zahedi.

Vice Captain's Tanya Nguyen and Marcelo Locardi-Rauth paid their respects by explaining the significance of ANZAC Day.



The wreath laying ceremony was conducted by Year 7 students Olivia Yaldo, Narges Alzwain and Malak Alzwain.

Prefect Lan Pham recited a moving rendition of the poem "In Flanders Field", followed by Tanya Nguyen who read a stirring interpretation of 'The ODE'. The significance of the 'Last Post' was explained by Prefects Elena Dimovska and 'The Reveille' explained by Hussien Muslamani.



Mrs Luka then played the 'Last Post' and 'The Reveille' on the trumpet as she does each ANZAC Day Assembly. Prefect Anthony Vaivarnish raised the flag while the Reveille played.





# STEAM

SCIENCE TECHNOLOGY ENGINEERING  
ARTS MATHEMATICS

## Year 7 Science Excursion Centre for STEAM

### Interactive Learning Programs

Year 7 students attended an excursion to The Museum of Applied Arts and Sciences (MAAS) Centre for STEAM learning, Powerhouse (Ultimo). Students applied problem-based learning techniques to real-world situations in the engaging interactive activities which allowed the students and teachers to investigate the same questions asked by NASA scientists, robotics designers and software developers. Learning programs align with science curriculum and are designed so that schools can either visit one of the MAAS sites or participate virtually via video conferencing, thereby allowing greater access to the rich experiences on offer.

Students experienced a variety of different STEAM activities which allowed them to see a number of possible career paths available and speak with experts in the area of STEAM education. The experiences included coding, virtual reality design, game and logo design as well as the Microsoft augmented reality headset. Students also had the opportunity to see the Mars rover exhibit and had a chance to see the rover in action. The chance to have hands on activities and ask questions of experts in their areas during the day made the visit a worthwhile experience for students of year 7.

*Mr Lane— Head Teacher Science*



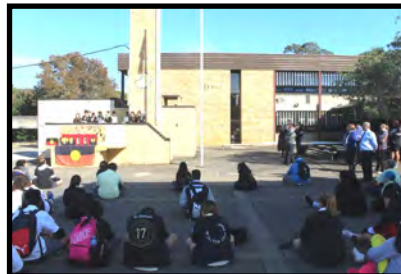
**MA**  
Museum of  
Applied Arts  
& Sciences **AS**



# SORRY DAY 2017



A special commemorative assembly was held for Sorry Day in May during Reconciliation Week. Candles were lit by Principal Dr Edge and Deputy Principal Mrs Kolar to show our compassion and respect for Aboriginal and Indigenous people by remembering the stolen generation. MTHS Aboriginal Education coordinator Mrs Nadan, organised a number of representative Aboriginal and non-Aboriginal students who acknowledged the importance of paying our respect during Reconciliation Week. Thankyou to IEC Visual Arts teacher Mr Basso and his classes for their creative decorations that they made for the special assembly.



## ABORIGINAL STUDENT ACHIEVEMENT AWARDS



The Annual South Western Sydney Regional Aboriginal student achievement awards were held at the Events Cinemas at Macarthur Square on Monday 20 October 2017.



Students from across the region were acknowledged for their achievements in a number of categories including Leadership, Citizenship and Community Service; Attendance Awards; Culture, Courage and Commitment Awards; Creative and Performing Arts; Literacy Awards; Numeracy Awards; Sporting Awards; Community Awards; KARI Awards and the AECG Award.

Congratulations to MTHS students Mackenzie Loxton in Year 10 who received one of the Literacy awards and Sally McPherson in Year 7 who received a Numeracy award this year. The students were supported at the award ceremony by Principal Dr Edge and MTHS Aboriginal Education Coordinator Mrs Nadan who nominated the girls.



Education  
Public Schools

KARI



WESTERN SYDNEY  
UNIVERSITY



# Student Leader trip to Parliament House



School Captains Gabriella Puruto and Simon Ochana along with Vice Captains Tanya Nguyen and Marcelo Locardi-Rauth visited Parliament House in Canberra at the invitation of Anne Stanley the member for Werriwa in May.

The student leaders were accompanied by Head Teacher of Community Partnerships and Student Voice Ms Atkins, Prefect Coordinator Mr Thompson and Principal Dr Edge.

Dr Edge drove the school bus first leg of the journey. We arrived at 11.00am. The students then met with Anne's assistant Alex who gave the students a tour of 'The House' before lunch. Then it was up to the rooftop to take photos with an elevated view of the nations capital.

Over lunch in the members only parliamentary dining room students had a meaningful talk with Ms Stanley on current issues facing the South West Region of Sydney and about the students goals and aspirations for the future.

After lunch it was question time in the House of Representatives. Everyone hurried along through metal detectors before being ushered to gallery seats overlooking the members.

Students gained a first hand experience of what question time was like when in session. It was a very lively session.

All the student leaders and teachers had an amazing day and it was an educational experience of a lifetime.





# ATHLETICS AT MTHS

**AND THE WINNER IS ULURU!!!**

We had some fantastic results at our Athletics Carnival with Uluru taking out the award for best house over the 2 days. The carnival again provided a medium for our talented students to display their athletic abilities across a variety of different events. These abilities flowed onto the Zone Athletics arena, where Miller, being one of the smallest represented schools, finished 4th out of 10 schools in the zone. What an achievement, considering only Bonnyrigg, Cecil Hills and John Edmondson finished ahead of us, who each have over 1,000 students. We also set 2 NEW RECORDS at the Zone Athletics Carnival with Monique Britos and Marvin Al Sabag becoming the quickest ever runners in the Open Girls and Boys 17+ age group respectively. That makes them the quickest 400m runners ever in the Bernera Zone region, WHAT AN ACHIEVEMENT! Things are looking up at Miller with these fantastic sporting results and 2018 looks like it could be our most successful year yet!

*Damian Bourke*  
*Sports Coordinator*







# Speaking for the Planet

- Liverpool Schools Public Speaking Competition



Student leadership opportunities have grown this year at MTHS. The creation of the NEW Debating team has allowed students to participate in other opportunities such as the Speaking for the Planet – Liverpool Schools Public Speaking Competition an initiative organised by Phil Smith in

conjunction with Liverpool City Council. MTHS Students competed in a number of categories. Maice Hashem in Year 7 was selected to compete in the Impromptu Speech



Category. Year 8 debating student Adam Gonzalez competed in the Prepared Speech Category and Year 7 students David Barakat & Yousif Ibrahim received 'Runner Up' in the Impromptu Eco Drama Category. Congratulations to the students who competed who were up against experienced senior students from both public and independent schools from the local area.

The event also provided performance opportunities for our Creative Arts students. This year was first time the event had an opening act. Year 10 Music students performed their versions of 'We are the world' and 'Blue Moon'. Year 10 Visual Arts students who had been studying performance art had a chance to perform their original performance poem about the link between the pollution in Cabramatta Creek in Miller and the pollution of the Georges River which it feeds in to.

Year 10 Visual Arts also won first place in the Visual Arts category with their collaborative artwork 'Our River' that depict the many different cultures that use the Georges River in the Liverpool area. Their award winning artwork is currently on display at the Georges River Environmental Education Centre in Chipping Norton.

Thank you to all the students who contributed to the event. A special thanks to music teacher Mr Manshanden and Debating coordinator Miss Hughes for mentoring and organising the participating students. Also thank you to Casula Powerhouse Arts Centre for hosting the event and Liverpool City Council for supporting local students.



LIVERPOOL  
CITY  
COUNCIL



 Sutherland Shire  
Environment Centre

# WORLD ON A PLATE

## Taste Cultural Food Tours

Taste Cultural Food Tours is a not for profit social enterprise business established to build connections across cultures through food. Students from MTHS were invited to participate in the – ‘World on a Plate’ taste tour where they visited a number of food businesses in the Liverpool CBD. The tour organisers Taste Inc. were given a small grant by Liverpool Council to run taste tours in Liverpool for local people. MTHS was offered two tours for student groups. Prefect coordinator Mr Thompson, senior student leaders and students in Year 12 studying Food Technology and Hospitality were the lucky ones chosen to attend the first tour and learn more about the multicultural cuisine on offer in the Liverpool CBD. *“It was a great experience for our student leaders. I really learnt a great deal about food businesses in Liverpool” Gabriella Puruto—School Captain*

On the second tour Hospitality teacher Mrs Singh selected a number of students from Years 9 & 10 studying Food Technology to attend the tour which lasted over two and a half hours. The excursion supported the Focus Area the students are studying *Food in Australia*— the excursion assisted students in learning to identify the major multicultural influences on contemporary Australian diets and investigated the development of the Australian food industry in consideration of food-related technologies that have emerged over time. *“We were able to learn first hand from people who run their own businesses. James Tran from Huong Xua was really experienced and shared his families experiences of the food industry.” Year 9 Food Tech students*

The students enjoyed themselves and learnt a great deal about the food industry in the Liverpool CBD. They experienced some delicious food on the tour which usually costs \$50 per person. We are extremely grateful to Liverpool City Council who subsidised the cost allowing the students to have this opportunity. Thankyou to our tour guide Sophie who provided an informative and entertaining tour of food businesses in Liverpool and Lesley Unsworth from Taste Inc.

The Liverpool businesses visited on the tour:

- **Jazz Pizza: 4/159 – 165 Northumberland St**
- **Huong Xua: Liverpool Plaza, 1/193 Macquarie St**
- **Fijian Paradise: Shop 28, 165-191 Macquarie Street**
- **India's Aroma: 228 Northumberland St**
- **Royalty Bakery: 162 Macquarie St**

For more information about Taste Tours please visit their website <http://www.tastetours.com.au/whats-in-a-tour/> or their facebook page <https://www.facebook.com/tastefoodtours/>





# Australia's Quickest High School

## • MTHS students build a second race car

Australia's quickest High School, MTHS are looking to break new records. Soon MTHS will be the only school in Australia to have two competitive race cars. Under the guidance of Mr Goodwin and the TAS faculty Automotive students are currently hard at work in their lesson time on their project building their latest race car.

MTHS students have the unique opportunity to build the race car from scratch. Students from the elective Automotive classes from Years 9—12 work together to build the car.

Join the students on their learning journey and view the progress of their new race car on their face book page visit

<https://www.facebook.com/MillerTechnologyHighSchoolRaceCar/>









**Year 8**

# Ancient History Day



On Tuesday, August 27th, Year 8 took a step back in time to Ancient times through an incursion that allowed the students to gain a better understanding of the cultural practices of different ancient cultures.

The day commenced with a history show, where they started with the fall of the Roman Empire, the Battle of Hastings and finished with the Crusades.

Students were not just there to sit and watch, students acted out parts of the show in armour and costume. After an opportunity to touch and pose with the props, students had a short recess. Following recess was a display of medieval combat, featuring Mr Podolsak and members of the Society of Creative Anachronism. This combat comprised of full speed, full force armoured sword fighting, using fake weapons. The fighters impressed everyone. Following the combat the students had the opportunity to participate in archery and spear throwing.

**Students Perspective -** *Our experiences at Ancient History Day gave us an insight to what their combat, armour and weapons were like back in Ancient Greece. We were briefed by James Adams on how they would use their shields in battle, and how strong their armour and weaponry were in that time. We had the chance to throw javelins and shoot arrows at live targets. Lastly we had made shields in History and we marched like an Ancient Greek army!*







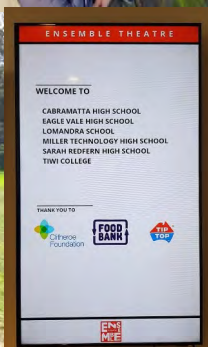
Over 40 students from MTHS attended a special performance for high school students for the production of 'Neville's Island' at the Ensemble Theatre in Kirribilli. Students from MTHS, Cabramatta High, Eagle Vale High, Lomandra School, Sarah Redfern High and Tiwi College had the opportunity to experience live theatre on Thursday 10th August, which was a first for many of the students. The wonderful educational experience was free of charge to the students made possible by the generous support of the Clitheroe Foundation.



The play was about four business men from the city who set out on a team-building weekend only to become trapped on an island in the wilds of Tasmania. The Team leader Neville tried to stay positive; the manager Gordon turned on his companions; Roy found comfort in his recent religious epiphany; while Angus brought the latest equipment but didn't have a clue about what to do with it. As day turns to cold night, the men discover hidden vulnerabilities and unexpected strengths as they battled the elements and each other.



Many of the actors were familiar to the student's as they had seen them on TV on the Chaser show. After the matinee, performance cast and crew assembled on stage to answer questions from the student audience. During question time the actors spoke about the experience of transforming a dramatic text into a theatrical production through the concept of the director, working with other actors, designers and technicians. They talked about using the elements of drama to make meaning on stage, from auditioning, managing rehearsals all the way through to opening night and the season run.



After the performance the students went to Milson Park next to the theatre which is on the water. They all took advantage of the great view and took lots of photos.



Thanks to Tony Gatt from Food bank, all the people from Tip Top and the Ensemble Theatre for the goody bags and making the sandwiches on the day. We would also like to thank Rose Downie the Education Manager at the Ensemble Theatre for organising everything for the day.

Ms Atkins

HT— Community Partnerships and Student Voice





# Lurnea High School & Miller Technology High School Combined School Development Day

Teachers from Lurnea High School and Miller Technology High School collaborated in an exciting and challenging professional development day in Term 3, 2017.



Keynote Speaker 1: **Michael Priddis**



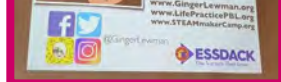
## *The Changing Nature of the Workforce – Are We Prepared?*

Michael Priddis presented on the emerging area of study relating to artificial intelligence and the changes to business in Australia and the workplace. How will we adapt? And what should we be doing now to prepare for the rise of increasingly intelligent machines.



Keynote Speaker 2: **Ginger Lewman**

## *Project Based Learning – The Key to Success*



I am a change agent, a keynote speaker/trainer but I am first and foremost a teacher. I have been teaching for over 23 years and I am on a mission to prepare kids for the future and to empower teachers to do the same.

## *LurMill Challenge Cup—21st Century Learning Challenge*

Teachers engaged in 21st Century learning challenges, competing against each other to score points for their school to win the LurMill Cup! Teachers used creative and critical thinking skills as well as communication and collaboration. Miller won the cup this year. MTHS staff took our school to victory in the interactive, fun session designed to engage teachers in important teaching tools!



Keynote Speaker3: **Kevin Honeycutt**

## *Trends, Tools and Tactics for 21st Century Learning*

This keynote speaker looked at the fun and exciting things that happen when educators step outside their boxes and try new tools and technology. Kevin reinforced the importance of positive relationships while encouraging teachers to become learners again sharing stories and examples of student success. 'Inspirational Teachers Change Minds'.



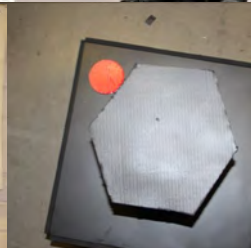
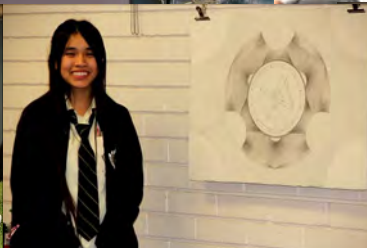
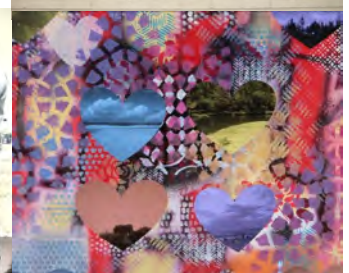
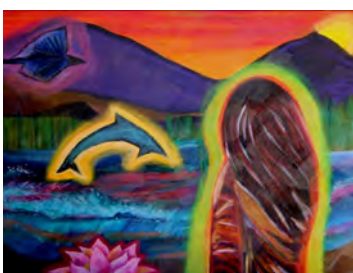
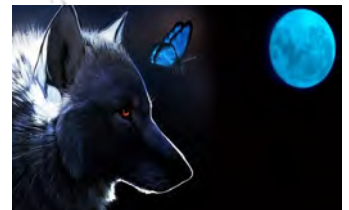
# 2017 HSC CREATIVE & PERFORMING ARTS SHOWCASE



During Term 3 HSC students studying Visual Arts organised an exhibition in the schools Multi Purpose Centre (MPC) to showcase the artworks they had been making over the last three terms. The exhibition was part of their final art making assessment task. Students were required to plan, advertise, curate, hang their artworks and cater for the event.

At the exhibition opening students thanked family and friends for their help and support over the last few months. The title of the exhibition 'Blood, Sweat & Tears' chosen by the students reflects the creative process that they experienced during the production of their artworks for the HSC practical exam. Students, staff and family were entertained by HSC music students who performed a number of songs.

Their works will be on display again at the MTHS Creative Arts Night in Week 10 on Wednesday 13 December 2017.





# MTHS Footy Champions

## 2017 U13's West leagues Cup Grand Final report

Miller fielded teams in the 2017 Under 13's and 15's West Leagues Cup competitions. After winning through their pool games and finals series, Miller's under 13's team then went on to qualify for the Grand Final to be held at Campbelltown Stadium. This was an extremely exciting time, as most of the team had not ever been to, or played at Campbelltown Stadium, especially for a grand final. On the day, the boys played against a strong Ambervale team in extremely cold and windy conditions.

Miller made a flying start on the back of some strong carries from Iopu Falefata, Jonathon Mauga and Faith Keresoma. This was equally matched by some brilliant cover defence on the edges by Angus Sheargold and Ali Ghazzaoui. This dominant performance gave the Miller team great field position which resulted in two early tries. Coming into half time, Ambervale scored a late try and were buoyed with confidence. Following half time, Miller came out and showed their dominance in both attack and defence. This team effort resulted in a winning score of 34-6, with Miller being crowned the 2017 Under 13's Division Two Premiers.

*Mr McCoy - MTHS Rugby Coordinator*



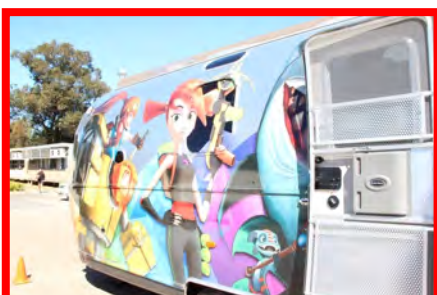
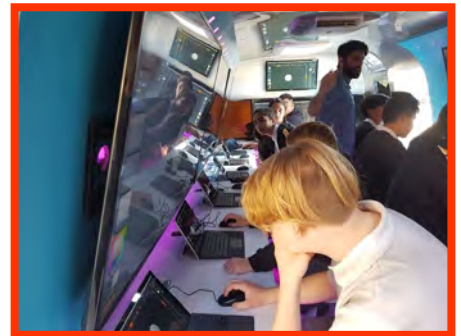


# COMPUTER STUDIES

## AIE Mobile Studio

Over 40 MTHS students were selected to participate in onsite workshops run by the Academy of Interactive Entertainment (AIE) one of the most awarded education organisations for game development, 3D animation and the visual effects industries. Students with an interest in computing studies had the opportunity to experience the recently launched one of a kind mobile classroom. This truly unique education hub was designed to promote skills and knowledge at the core of emerging STEM careers to schools and communities around Australia. AIE's mobile studio allows students a hands-on experience in programming, 3D animation and game development. Supported by Microsoft, the AIE mobile studio is a decked out Airstream Trailer with the latest hardware and software. Students worked on the latest Surface Pro 4's while using the most up to date, industry standard software packages used in the games, simulation and animation industry in their workshops.

*Mr Thompson — Information and Software Technology teacher*





# CONverge



OPEN ACADEMY  
AT THE CON



Education

Since 2005 the CONverge program, presented by the Sydney Conservatorium of Music, has been helping disadvantaged students explore their creative side and build confidence. CONverge is an emotional literacy program that seeks to help students explore and develop their musical identities, creativity and potential by inviting them to participate in an 8 week singing program which culminates in a final performance. This year MTHS students accompanied by music teacher Mr Wood performed at Verbrugghen Hall Sydney University on Monday 4 September with other participating schools.

CONverge provides students an opportunity to find and explore their voices, improve their self-esteem through performance while experiencing different types of music and learnt about careers in music.

The program is a partnership between The Smith Family, one of Australia's best known charities, The Conservatorium of Music, The University of Sydney with

Schools participating in the 2017 program

- **Airds High School**
- **Chifley College — Mount Druitt Campus**
- **Miller Technology High School**



everyone's family

What participants learnt from the program

*"I learnt to work better with other students and I got to meet people"*

*"I got to develop my vocals and be more confident on stage"*

*"Thankyou for helping us and giving us the opportunity to sing"*

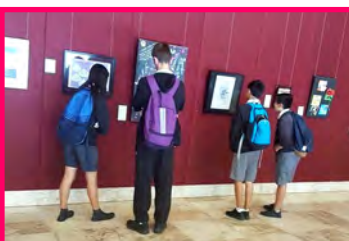
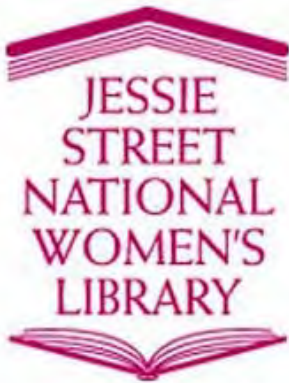


THE UNIVERSITY OF  
**SYDNEY**

Sydney  
Conservatorium  
of Music



# Luncheon at NSW Parliament House



The Jessie Street National Women's Library is a unique specialist library dedicated to the preservation of Australian women's work, words and history. The Library was established in 1989 and is named after Jessie Street, a lifelong campaigner for women's rights, the peace movement and the elimination of discrimination against Aboriginal people.

The Library's charter is to collect, preserve and promote knowledge and understanding of the cultural heritage of all women; social justice for Aboriginal and Torres Strait Islander peoples; international friendship and peace. Patrons are The Hon Elizabeth Evatt AC, The Right Hon Clover Moore, Lord Mayor of Sydney, The Hon Quentin Bryce AD CVO and Sir Laurence Street AC KCMG.

Since 1995, an Annual Luncheon is held in September at NSW Parliament House with a prestigious woman guest speaker. The luncheon is the major fundraiser for the Jessie Street National Women's Library. Each year students from both public and private schools from across the state attend the event.

This year Relieving Head Teacher English Ms Ferreira and Teacher-Librarian Mrs Bifulco accompanied five Year 10 students Brayden Collis, Ngoc (Annie) Le, Tommy Nguyen, Stephanie Nong and Nicholas Sau to the Jessie Street Library luncheon.

Dr Gill Hicks MBE was this year's guest speaker who spoke on the topic of *'Peace—Who Cares?'* During her inspirational speech she told the audience about her experiences both when and after suffering the loss of both legs in the London terrorist bombings on 7 July 2005. Gill has dedicated her life to building peace. She is considered one of the most thought-provoking, powerful and life-affirming speakers in Australia and the UK. In 2012 Gill returned to Australia where she operates nationally and internationally through her not-for-profit MAD (Making a Difference) for Peace network. In 2015 she was appointed South Australian of the Year. Gill has said that her rescuers saved her from living in a state of perpetual anger. She described how when she is working with people who have become radicalised, it is the story of her rescue that often strikes a chord with hardened extremists. The urgency of working for peace has led Gill to what she calls her second life, built on her lived experience from survival to rehabilitation as a double amputee.



The students enjoyed the experience of visiting NSW Parliament House listening to the guest speaker, mixing with other student leaders at the event and supporters of the specialist library.





# Liverpool AECG Combined Schools NAIDOC Event 2017



This is the second year that the Liverpool AECG (Aboriginal Education Consultative Group) have organised the Liverpool Schools Combined NAIDOC event which was held in September. Local primary and secondary schools participated in the event hosted by Miller Public school. MTHS staff and students again were strong supporters of the event. Under the guidance of Deputy Principal Mrs Kolar a number of student and teacher teams prepared for the big day. Mr Critcher started weeks beforehand holding artmaking workshops with the Aboriginal students who created works for the art display in Miller Public School's hall. Their works featured alongside various items that had been painted with Aboriginal designs. Some of the objects belonged to famous sporting personalities like David Beckham who had a pair of his football boots on display which had been painted by Aboriginal artist Darren Dunn.

Some of our Aboriginal boys worked with Shane Scott our Aboriginal Liaison officer and his son Jestin who taught them how to play the didgeridoo. At the opening ceremony they put their skills to the test. Mrs Nadan supported our Aboriginal girls organising dance rehearsal times and costumes. Our girls performed after the boys singing the National Anthem in an Aboriginal language and then they performed a dance. The Mayor of Liverpool Wendy Waller who is also a local resident officially opened the NAIDOC event. Our Principal Dr Edge filled in for the School Education Director for Liverpool Mr Magriplis at the last moment.

All schools had the chance to participate in all the fun activities on offer. This year MTHS had our own tent on the oval amongst some shady trees. Our Year 9 & 10 students were busy with one of the most popular activities, face painting. It was so popular the students were lined up into the next activity space. The other artmaking activity run by MTHS students allowed each school to take home a practical from the day for their classroom or library. Each school got to decorate their own table. Students used different coloured and sized dots to create patterns and designs on their table around the central image 'Our Languages Matter' the theme of NAIDOC 2017.

Mr McCoy with the help of Year 11 Sports Coaching students ran sports games based on traditional Aboriginal games.

Many different organisations were present on the day running activities and providing food and snacks for all who attended.

Thank you to Mrs Kolar, Shane Scott, Mrs Nadan, Miss Hughes, Mr Critcher and Ms Atkins for all their hard work and a special thanks to the members of the Liverpool AECG for organising such a wonderful community event.





# FOCUS ON ABILITY

- short film competition

This is the second year that MTHS Support Unit students have participated in the short film competition 'Focus on Ability' sponsored by Nova Employment.

Six students from the support unit Blake, Antonio, Rachel, Ariel, Stefan and Samantha attended the red carpet award event in September. The students were accompanied by Mrs Keyes, Mrs Tyler, Dr Edge and Ms Atkins.

It was a great adventure to the other side of the city all the way to Chatswood. This year MTHS students entered short films in two categories the student short film category and the student documentary section.

The two films 'Poisoned Crown' and 'The Making of Game at Play' were created by the students under the guidance of film educator Vince McManus from Short Black Films who was the creative mentor to the students for the project. Students said—

**" I REALLY ENJOYED WATCHING ALL THE MOVIES"**

**" I WAS HAPPY TO BE THERE AND LIKED WALKING THE RED CARPET"**

**" I HAD FUN AND ENJOYED THE POPCORN"**

**"THE NIGHT WAS FANTASTIC AND I LOVED THE FOOD."**

To view the films go to [http://www.focusonability.com.au/FOA/films/Poison\\_Crown\\_1341.html](http://www.focusonability.com.au/FOA/films/Poison_Crown_1341.html) and go to [http://www.focusonability.com.au/FOA/films/The\\_Making\\_of\\_Game\\_at\\_Play\\_1289.html](http://www.focusonability.com.au/FOA/films/The_Making_of_Game_at_Play_1289.html)

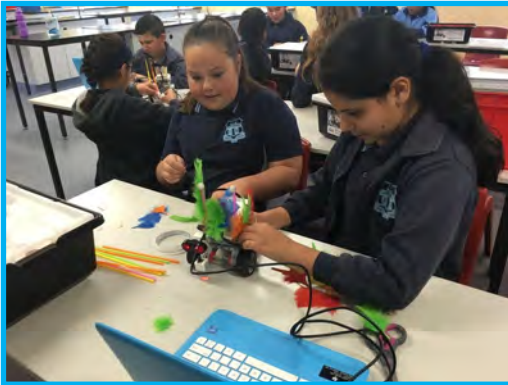






# Connecting local Schools FULL STEAM AHEAD

Science, Technology, Engineering, Art and Mathematics



During term 3 this year, students from Cartwright Public School were welcome visitors to our school. Students from Years 4, 5 and 6 had the opportunity to come and participate in a STEAM Science experience with the Science faculty at Miller High School.



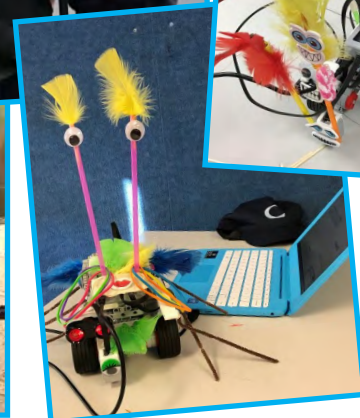
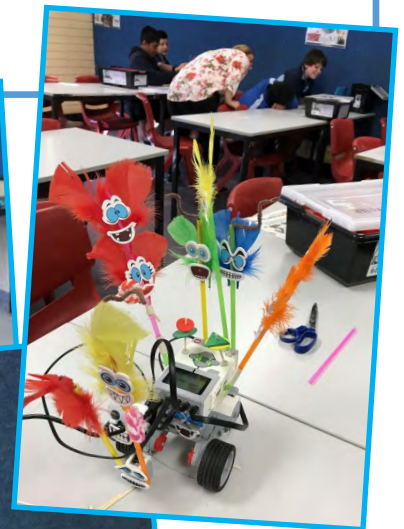
Year 11 Science students assisted Science teachers Mrs Talfah and Mr Lane in presenting activities including, a solar car challenge and Lego robotics building and programming course. Students worked collaboratively to build and design their own solar cars and computer controlled robots.



Students also had the opportunity to see first hand some of our fantastic resources and get a better idea of what they can experience at Miller Technology High School. The students from Cartwright Public school all worked together to produce amazing results and impressive work in their groups.

This has been the second very successful year the Connecting Local Schools Program—Full STEAM Ahead has been held in partnership between Cartwright Public School and Miller Technology High School and we look forward to next year and including other schools in this very positive STEAM experience.

*Mr Lane - Head Teacher Science*





# EXTRA ENGLISH



**BELL SHAKESPEARE**



## MACBETH

In term 3 Bell Shakespeare's fantastic production of Macbeth was performed in the MPC to Year 9 & Year 10 English classes. Our classes had been studying Macbeth as part of their programs. Our close partnership with Bell Shakespeare has provided our learners with a wonderful opportunity to engage with this famous text and its universal themes of deception, unbridled ambition and their consequences on the human psyche.

*Ms Ferreira—Relieving HT English*



## DRACULA

Dracula the play was performed at the Parramatta Riverside Theatre. It was adapted from Bram Stoker's classic vampire novel "Dracula". The performance featured a giant revolving stage and smoke effects that brought the novel to life. The actors themselves were excellent and made the performance absolutely terrifying. There was fake blood and gore galore, along with a great adventure across the European continent to track down and destroy the greatest vampire in all of history. The students were genuinely scared and entertained. They were talking about the excursion in class for days. *Mr Mai—English teacher*



Riverside's National Theatre of Parramatta presents

## The Red Tree



On Friday 27 October a group of 16 Year 10 students attended the dramatic performance of Shaun Tan's critically acclaimed "The Red Tree" with Mrs A Prasad & Ms T Porter.

The Red Tree is a new work of musical theatre written by renowned playwright Hilary Bell and ARIA award-winning composer Greta Gertler Gold, directed by Neil Gooding.

The play tells the story of a young girl living inside her bedroom and how she conquers her fears and anxieties, finally embracing hope and taking control of the world that has always been around her. Throughout the dramatic performance we were taken on an extraordinary journey to a world of imagination of origami boats, ocean voyages, giant fish, musical interludes, and street parades passing by.

The highlight of the play was the use of Shaun Tan's illustrations that were masterfully projected onto the stage set. This made the audience feel like we had literally stepped right into the book itself.

Both students and teachers thoroughly enjoyed the experience and we look forward to our next drama excursion. *Ms Porter—English teacher*







2 November [bit.ly/tickets-sydneypeaceprize](http://bit.ly/tickets-sydneypeaceprize)



SRC members had a great time at Cabramatta High School with Mr Podolsak and Ms Atkins for the presentation of the Sydney Peace Prize 2017. It was a really great experience. When we arrived we were welcomed by students from different cultural backgrounds wearing national costume.

The winners of the Sydney Peace Prize were two people from 'Black Lives Matter' who had travelled from Los Angeles. They talked about the tribulations which they had seen in their lives and those of others that started the Black Lives Matter movement. They talked about the need to encourage people to engage in global conversations that address racial equality. They were very honoured to receive the award. There were many students from other schools including ours who were invited to Cabramatta High School who hosted the event. After the presentation ceremony in the hall all the guests joined the students outside. We all watched the Chinese Lion dancers, then they released the Peace Doves. Aunty Mae Robinson gave the Welcome to Country and Patrisse Cullors from Black Lives Matters addressed the whole school. Next Chris Tobin a Dhurug Aboriginal man spoke about the unique relationship that Aboriginal people have with the land which was followed by a group of Aboriginal dancers from St Pat's College. The Aboriginal dance was the best to me. At the end, after watching everything, we went to the hall and looked at some portraits which were painted by students from Cabramatta High of past Sydney Peace Prize winners.

I want to give special thanks to our teachers Mr Podolsak and Ms Atkins for taking our SRC members on the excursion.

*Steven Slewa—MTHS SRC IEC member*

# Academic Challenge and Excellence Program



The 2017 ACE Program showcase was held on Friday 27 October. Students who participated in this years challenge presented their innovative ideas to staff, family and members from the business community who had worked with the student teams.

The Academic Challenge and Excellence program or ACE as it is known aims to target highly academic students and teach them skills about **metacognition** (thinking about thinking). Students also learn important vocational education skills

that they will use in the future workplace. Each group of four was presented with an identified problem that is affecting a local enterprise or community organisation. Students had to visit the work site and conduct an interview so that they could make an informed decision on how to solve the problem.

Each group had to create a presentation which describes their chosen problem and outlines their possible solution. Students also had to produce a physical solution to the problem that could be used by the worksite.

**Mrs Ayrton - Head Teacher Maths**



This program would not be possible without the help of many individuals. So a special thanks goes to the students teachers and business people who participated in the ACE program.

- **PCYC– LIVERPOOL** teacher Ms Nand  
**Busby Public School** - Alicia VAN DER MEER, Karim EL HALABI, Jason PUK, Mohamad CHAMMA
- **MICHAEL WENDEN LEISURE CENTRE** teacher - Ms Kullar  
**Cartwright Public School** — Keira-Lee CLEMENTS, Abebreana HALL, Jack DRAGONAS, Reece DUNCAN
- **CRUNCH FITNESS**—teachers Ms Azzi and Mr Gutierrez  
**Miller Public School** - Swetha KUMAR, Chanel NGUYEN, Alyssia DOWER, Cindy NGUYEN
- **MILLER HOT SHOTS CAFÉ**—teacher Mr Thompson  
**Year 7** – Malak ALZWAIN, Ammar IBRAHIM, Aram ABDULZAHRA
- **BOWLARAMA**— teachers Mr Mai and Miss Hughes  
**Year 8**– Melissa WYNNE, Gerri ROBERTS, Mahmood AL ZAHROONI, Shenae FLETCHER
- **LASER TAG SIEGE**—teacher Mr Owen  
**Year 9** - Michele WYNNE, Taliyah LOCARDI-RAUTH, Brandon NGUYEN, Steven NGUYEN
- **ICONS OF SPORT**— teacher Ms Golightly  
**Year 10** - Alfred LEUPOLU, Essam MUSLMANI, Daniel NGUYEN, Brayden COLLIS



*Thank you to Mrs Singh and the hospitality students for the amazing morning tea provided in the HotShots Café!*





# Support for Refugee Students



The Refugee Support Leadership Strategy seeks to enable greater system support for schools with significant numbers of recently arrived refugee students, including students in immigration detention. Refugee Support Leaders provide assistance across schools, either within principal networks or specific geographic areas. This includes the schools in which they are based.

## Refugee Support Leader Strategy 2017

### Current context

- approx 10,000 students from refugee backgrounds are enrolled in NSW public schools
- approx 1400 refugee students enrolled between 1 July and 19 December 2016
- high enrolments of refugee students are expected to continue throughout 2018
- **main aim** is to build the capacity of schools to support refugee students' learning and wellbeing
- **work with schools to increase their capacity to support refugee student wellbeing and learning through improved transition processes**
- collaborate with school leaders to use data to inform planning and implementation of **whole school strategies** to support refugee students
- work with teachers and school Learning and Support teams to plan and implement **personalised approaches to learning** for refugee students
- collaborate with school leaders and staff to provide opportunities and encourage refugee families and community members to **participate in the life of the school**
- promote **collaboration** between schools and other organisations providing support for refugee students and families
- **coordinate and deliver professional learning** about supporting refugee students for school staff, including school leadership teams

*Maria Munzone*

Liverpool Network Refugee Support Leader — Miller Technology High School



# CREATIVE ARTS NIGHT

# 2017



- Live Music
- Art Exhibition
- student short films
- ReFill 2 display tent

**WED 13 DEC 2017**

**5.30pm - 8.30pm**

**sausage sizzle,  
cupcakes, cookies  
& drinks sold**

**Tickets at the door**

**Adults \$15 Children \$8 Performers \$3**

**Family Pass (2 Adult + 2 child) \$35**

**extra child \$5 and Adult \$10**