



HIGHLIGHTS

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DIARY DATES

Friday, 2 July
End of Term Two - 2:30pm dismissal

Monday, 19 July
Term Three begins

19 - 23 July
Stage 2 Exams

Monday, 26 July
Statewide Open Girls Basketball

Wednesday, 28 July
Statewide Open Girls Netball

Thursday, 29 July
Statewide Open Boys Basketball
School Tour - 09:00am

Tuesday, 3 August
Careers Evening - 6:00pm
Year 9 & 10 SACE Info - 6:45pm
Year 11 SACE Info - 7:30pm

Wednesday, 4 August
Governing Council Meeting - 6:15pm

Wednesday, 11 August
Parent/Teacher/Student Interviews
12:00pm - 8:00pm
No students at school

Friday, 3 September
Student Free Day

Monday, 6 September
School Closure Day (Royal Show)

Visit our [website](#) for a complete calendar

2021 TERM DATES

Term 3
19 July to 24 September

Term 4
11 October to 10 December

Dear Parents & Caregivers,

Term two has certainly been a very productive term. In addition to teaching the content of their subjects, teachers have continued to work towards the school improvement goals by implementing strategies which support students improve their reading, writing and numeracy skills. They have continued to enhance student wellbeing by providing engaging activities which support them to develop resilience and positive connections with classmates and teachers. This work is resulting in improved outcomes for students.

Student Achievement

Term two reports will be finalised by the end of this week and available to view on Daymap on Monday, 5 July.

During our assembly on Tuesday, I spoke to the students about the importance of reflecting on their learning and results so far this year. I encouraged them to consider if their results are a true reflection of their abilities and if any enhancements can be made to their study habits to ensure that their results continue to improve.

Please support their reflection by discussing their results and look at strategies to help them become even better learners.

Parent Teacher Interviews

On Wednesday, 11 August we will hold our semester two interviews from 12:00pm until 8:00pm. Interviews provide parents with the opportunity to discuss their child's progress with their teachers. Like the interviews held in term two, we recommend that students attend the interview with their parents.

It is extremely important for students who achieve an unsatisfactory grade (below c) to book an interview with the relevant teacher to discuss how to support the student with their learning and improve their results.

Year 12 Exams

Year 12 mid-year exams are scheduled

to take place at the start of term three. You can support your student by working with them to create a revision timetable to prepare for exams during the holidays. Exam preparation is critical to support students with consolidating the learning that took place over the last two terms. It also provides the teachers with valuable feedback regarding any gaps in students learning that they can support them with prior to the end of year exams.

During the holidays many students who have part time work will be tempted to accept extra shifts. Please support your student and their teachers by ensuring that the students have sufficient time for exam revision and put their education ahead of their part time work.

Farewell

This week we farewell two of our teachers who are retiring; Mrs Maria Cooke and Mr Steve Collings. As educators with more than 30 years of experience, Mrs Cooke and Mr Collings have contributed to the development and growth of many young people. Their commitment and dedication is very much appreciated.

We also farewell Kathy Flower. Kathy joined our school in 1990 as a volunteer before becoming a paid employee in 1999. The care and support Kathy has provided has been outstanding and she will be greatly missed.

On behalf of the MHS community, I wish them a happy retirement and all the best for the future.

Wishing you all a safe and enjoyable break.

Joanne Costa
Principal



STEM HIVE

The STEM hub has been a hive of activity over the last few weeks with year 8 and 9 students undertaking their term 2 projects.

Trebuchets

Year 8 students have been learning about the medieval siege weapon the trebuchet, which was used to throw massive boulders at castle walls to breach the defences.

There is a lot of maths and physics involved in the operation of this machine. After constructing a miniature trebuchet from a laser-cut plywood kit, students experiment with different counterweights to observe how far a miniature projectile (in this case a peppermint éclair!) can be thrown. Some groups made use of a Bow Line Hitch for secure tying, and all groups were required to investigate and tie a Taut Line Hitch so that their trebuchet throw is adjustable. Following fine tuning of the throw, some groups were able to record throws of 1.8 to 2 metres or so, using just 300g of counterweight!

After collecting this data, students will then learn and apply skills in linear algebra to create mathematical models that predict the future behaviour of these machines, and answer questions such as "How much counterweight is required to throw the projectile 6 metres?" and "Is this reasonable?"

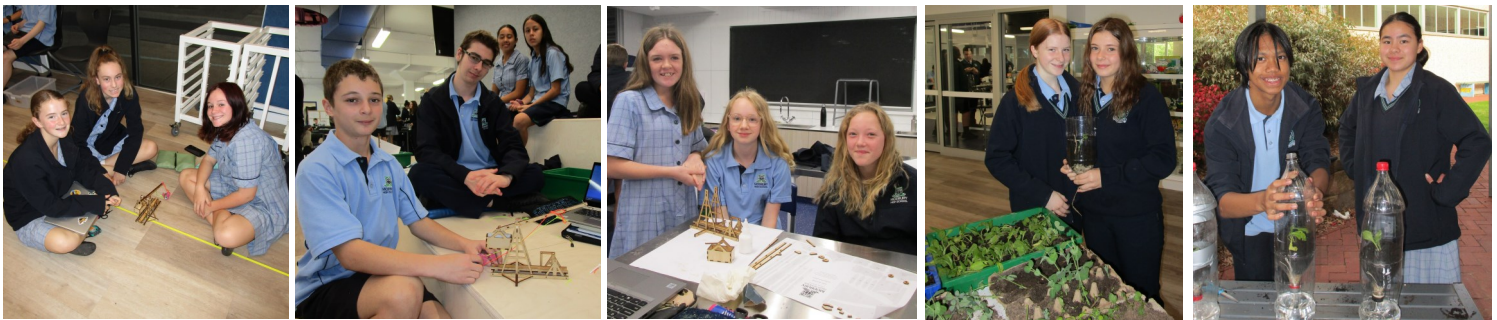
Biodomes

Year 9 maths and science classes have been involved in the building and monitoring of Biodomes. Also known as Closed Ecological Systems (CES), the term Biodome is most often used to describe small manmade ecosystems. Such systems are scientifically interesting and can potentially serve as a life support system during space flights, in space stations or space habitats.

During this project students have been researching natural and artificial ecosystems and the interaction between biotic and abiotic (living and non-living) factors. Students calculate the surface area and volume of their biodome. They use Arduino coding and electronic sensors to collect statistical data about the environment inside the biodome and the growth of their seedling. They then display and analyse the collected data so that they can draw conclusions and finally communicate their ideas and understanding through a variety of literacy skills.



Glen McKie
Maths Coordinator & STEM Teacher



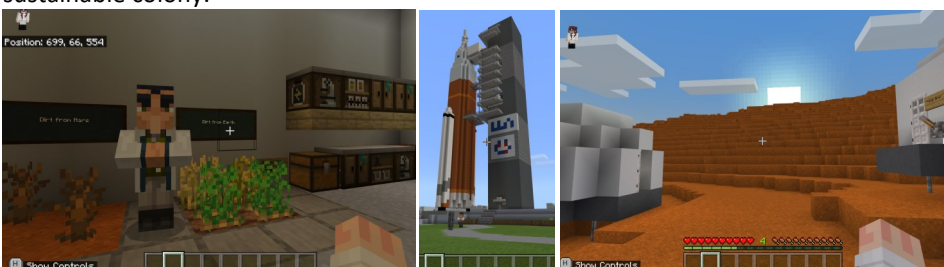
Mission to Mars

Year 8 science students are currently investigating the requirements to successfully survive on Mars and will be completing a simulated mission using Minecraft education. Students work collaboratively in groups of 6 to research 3 key questions; how to survive the dangers of space travel, how to build an effective base and how to create a sustainable colony.

After researching these critical questions students enter the Minecraft gaming world where they complete a training mission to investigate which essential items should be brought and practice their farming/building skills. Once training is complete, they choose 27 essential items, enter their mars rocket and travel to Mars.

Once on Mars they must survive for over a week by building a base, creating a sustainable crop and explore Mars to mine essential resources.

This project connects to the chemical sciences curriculum and develops critical problem solving and collaboration skills.



James Dundon
Science & STEM Coordinator



YOUNG WOMEN IN STEM WORKSHOP

On Wednesday, 9 June, 17 female students from years 9, 10 and 11 along with Mrs Khokhar & Ms Nguyen travelled to the University of Adelaide to participate in the Young Women in STEM Workshop. The purpose of the workshop was to empower young female students to pursue studies and careers in the growing fields of science, technology, engineering and mathematics (STEM), where they have traditionally been under-represented.



The day started with a motivational talk from the guest speaker; Hannah Ceccato, a young female constructional engineer who has broken the stereotypes and is representing females in the engineering world. The students then experienced various hands on activities throughout the day; and infectious diseases workshop, rock porosity challenge, code cracking with an Enigma machine and creating climate-resilient communities.



Navi Khokhar
Teacher

“The STEM excursion was an amazing experience. We were able to experience how the university works and I developed a keen interest in getting into Uni because I loved the use of technology, equipment, and the software used for high-level research. The science lab was amazing and so big, and we could work on whatever topic we are interested in. The coding class was a new experience and learning new skills is what I am always after.” - Kanika

“The Young Women in STEM Workshop was an enjoyable experience. We were given an opportunity to experience a couple of university courses related to STEM. I learned a lot throughout the 6 hours we were there, and I am looking forward to doing something similar in my career.” - Yalarasey

I had a very pleasant experience while on this trip. It was very engaging, entertaining and overall, I learnt so much and want to be there again. The environment was amazing and made me feel very independent and open to a future in STEM careers.” - Crystal



Meet Andrea Boyd, as she talks us through her inspiration for a career in Space Flight control, from her childhood in country Australia and the path she took through engineering to work with the International Space Station as a Flight Controller for the European Space Agency. Plus, her top tips for how you could work in space too, whatever your career interest.

All students are welcome to join the MHS STEM Club known as STEAMWORKS. This voluntary club meet between 3:30 - 4:30pm on most Tuesdays and/or Wednesdays.

Students may choose to work on a short-term or long-term STEM project, either individually or in a small group, while making use of the support of volunteer staff from a range of faculties. A wide range of activities will be available such as 3D design and printing, electronic music making, coding through Lego Mindstorms and VEX robotics, Arduino, JavaScript and or Python and several other exciting projects.

YEAR 9 SEWING TECHNOLOGY

In year 9 sewing technology many life long skills are learned and students enjoy the challenge of using the design process to create their own unique works. Read what Lara, Benny and Luke have to say about their experiences in sewing technology this semester.



Mrs Rowe
Teacher

At the start of term 1, our sewing class were all excited to get into the first practical task that was assigned; making a pair of shorts or long pants. I chose the long pants for the extra challenge. Some of the more basic skills we learned were: Neatening seams to a professional standard (so as not to fray in future), how to copy design details from a pattern and then make our own, how to make a casing for the elasticated waistband along with various other skills.



Benny



The whole design and production process was relatively easy with making the patterns, cutting, and sewing the pieces together.

Overall, it was a very enjoyable course and fun experience with all the skills you learn and the beautiful article of clothing you get out of it at the end. One of the benefits with this course is that you get to make pants to how YOU want them; there are endless opportunities for making pants as long as they fit the design brief we are given. (bespoke couture!)

In term 2, we designed and made a cushion. The design brief included, what is the problem? Who is it for? What elements of design is it going to include? After going through the criteria/specifications, it was time to start planning. We were also advised to keep a detailed production journal to keep us on time and on track, enabling us to be accountable and as productive as possible.

Benny Marsh

Sewing allows me to not only express my creativity and learn new skills, but it also makes me feel calm and free. Learning how to sew has taught me an endless amount of valuable skills and traits. *Sewing tests and improves patience, focus, creativity and listening.* Not only this, but it also is an instrumental life



Lara

skill that people can use throughout their lives. Sewing is therapeutic for me, much like yoga and meditation. It calms me, takes my mind off school, sport, homework, and the many other things I stress myself out about.

This subject has definitely met my very high expectations. Some highlights were making custom pyjama pants, pillows, and masks. Even though, like in everything, there are challenges along the way, I have learned to be optimistic, efficient, and overcome them. I would not have known such skills if it were not for Mrs Rowe, especially and for her guidance throughout the subject. I cannot wait to keep doing it next year!

Lara Somfai



Luke

Being able to create my own style of shorts was very enjoyable and makes me stand out from others in a unique but subtle way.

As I created my shorts myself, I made them extremely unique as there is not another pair out there exactly like mine. Sewing is a calm, relaxing subject as it helps put the mind into a calm, pleasant mood.

I developed a better understanding of the sewing machines and

sewing patterns. By learning how to sew my own garments, I know that they will be comfortable because I can choose my own fabrics to my taste. *Sewing my own clothes would massively help reduce the 6 tonnes worth of clothes and fabric wasted every ten minutes here in Australia.* That is right, our nation throws out 6 tonnes of clothes every ten minutes and fills the MCG 2.5 times over every year! Once I learnt the basics, I could start sewing my own, unique clothes that will last for years, compared to the cheap sweat shop clothes you can buy today and throw away to landfill next year.

I liked being able to take my mind off up-and-coming tests by sewing part of my own garments to calm any anxiety and help lift my mood.

MID YEAR MUSIC SHOWCASE

In week seven the music department held concert events over 2 nights to showcase our various classroom and extra-curricular ensembles.

Wednesday evening consisted of performances from some of our year 8, 9 and 10 classroom ensembles as well as our concert band, string quartet and the school choir. Playford City Band performed under the direction of Gareth Budd which included a number of old scholars within the ensemble. For the last act of the evening we were joined by a number of school staff as our final act.

Thursday evening featured performances from our school Stage Band, our remaining year 8 and 9 classes, our year 10s as well as our Guitar Ensemble and Percussion Trio. We also rocked the gym with a staff ensemble at the end of the evening!

I would like to thank Joan Baker for all of her work with our music students along with the support from our Instrumental Music staff Shaun Duncan, Tom Hart, Robyn Paul, Dave Clark, Adam Nanou, Doug Clark, Tom Devereux and Ian Seabourne.

Thank you also to Joanne Costa, Louise Woolford, David Kschammer, Hannah Downes, Jess Moeller, Lauren Brady, Adam Braley, Emma Baulch, Vanessa Tricker and Caitlin Thomas, for also supporting the evening and helping put together our staff acts across the concert series. A big shout out also to Frances Bedford for being MC on the Thursday evening.

Finally and most importantly thanks to all of our students for your efforts within the music program. We hope you enjoyed the experience of performing in front of a live audience again and look forward to more events in the future.

BEGINNER BAND WORKSHOP

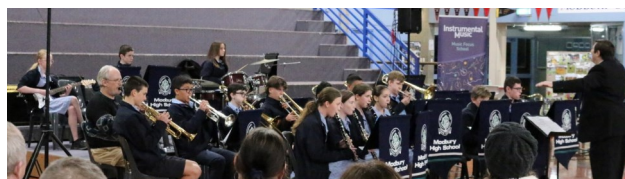
On Monday the 21st of June Modbury High School held a beginner band workshop that involved our year 10 music students supporting students from Golden Grove, Ardtornish, Highbury, Walkerville and Lobethal Primary Schools.



It was a great opportunity for students to come together to engage in a large ensemble rehearsal and performance opportunity. We look forward to more of these events with our feeder schools occurring throughout the remainder of the year.



Ben Fuller
Arts Coordinator



PEDAL PRIX - VICTORIA PARK RACE

On Sunday, 20 June some of our students participated in a six hour pedal prix race at Victoria Park. MHS Principal, Joanne Costa, said it was a beautiful day, the sun was shining and the students were enjoying the day supported by their parents there to cheer them on. There were some excellent performances such as Cooper Whitbread completing 52 laps and the Lynx team finishing in the top ten. Thanks to Fast Cats Racing and Ron & Lyn Gibbins for their ongoing support.



GIRLS NORTH EASTERN VISTA NETBALL CARNIVAL

On Wednesday, 9 June 5 teams represented MHS at the annual Girls North Eastern Vista Netball Carnival at Argana Park. All teams played well and had a great day, all be it a little cold and wet.

Both senior and junior division 1 teams played off in their respective Grand Finals. The juniors fought very hard all day and finished with a convincing win over Golden Grove whilst our seniors unfortunately narrowly went down to Banksia Park.

Thank you to the students who came along to help out the teams as coaches or scorers, and to Miss Caitlin Thomas and Miss Emma Baulch for managing the junior teams.

The senior girls team also made it into the next round of knock out cup to be held early in term 3 after defeating Unley, Mitcham Girls and Roma Mitchell. Good luck girls.



Taylah, Keira, Tahlia, Jade, Isla, Temika, Caitlyn, Jordyn, Olivia, Kahlan & Tara Barrett (Coach)



Caitlan, Emily, Vicki, Renee, Rhiannon, Brendan Schiller (Coach), Tahlia, Mikayla & Amber & Rachel



Brendan Schiller
Health & Physical Education Coordinator

COMMUNITY NEWS

With young people spending so much time online, it is important for parents and carers to be able to keep up with the latest information, know how to support their children in being safe online, and know what to do if there are any issues or concerns.

The Office of the eSafety Commissioner promotes online safety education and includes a section with information, resources, webinars and advice for parents.

It also provides a complaints mechanism for young people who experience serious cyberbullying, to report illegal or offensive online content.

We encourage parents to spend some time on this informative website:
<https://www.esafety.gov.au/>

Online safety
 A guide for parents and carers

eSafetyparents
 esafety.gov.au/parents

MOVIE MATES

Want to chill and watch a movie after eating lunch? Come to the presentation area in the Library every Wednesday lunchtime to stare at the screen and chat all things film with other movie buffs. See you there!

Adelaide Wellness Fair

Sunday July 18 2021
10am to 4pm

BURRAGAH COMMUNITY CENTRE
 140 KELLY ROAD, MODBURY NORTH

MODBURY HAWKS

NETBALL CLINIC

JULY 9, 2021
 7-10yrs 9:30-12:15
 11-15yrs 12:30-3:30
 GOLDEN GROVE RECREATION CENTRE

\$10 REGISTER NOW

Lynette Coolen
 0414 629 760

@modburyhawksnc
 facebook.com/modburyhawksnetballclub

GOLDEN GROVE RECREATION CENTRE
 The Golden Way, Golden Grove SA 5125



This June, year 12 students Maxwell Davie and Klio Bruckner participated in the Australian Push-Up Challenge to raise money and awareness for Australian mental health by accomplishing 3,318 push ups EACH from June 1 - 25. Held by the Push For Better Foundation, the 3,318 push-ups represents the amount of Australian suicides from 2019. Any donations will be greatly appreciated to reach their minimum goal of \$500. All proceeds will go to Headspace.

<https://www.thepushupchallenge.com.au/team/5631-forever-in-pain>



Government of South Australia
 Department for Education

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