

ISSUE HIGHLIGHTS:

- Wakakirri Awards Showcase
- R U OK? Day
- Book Week 2023
- Subs in Schools State Final

Pictured: Book Week 2023

DIARY DATES

Please check the parent calendar on our website or by using the link below. Please note that this calendar is continually updated and we ask that families check for school events from time to time.

<https://www.theheights.sa.edu.au/link/calendar>

IMPORTANT TERM 4 DATES

See page next page for list of important dates in Term 4 2023

REMINDERS:

LAST DAY TERM 3:

Friday 29 September 2023
(2.05pm Dismissal)

FIRST DAY TERM 4:

Monday 16 October 2023

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Government
of South Australia
Department for Education

PRINCIPAL'S MESSAGE

Recognition of Service

The following staff have been awarded certificates of significant service milestones with the Department for Education. 10 Years - Lynn McKenzie, Hayley Jenkins and Angel Golotta. 20 Years - Julie Williams.

Year 12 Students

The break between Term 3 and 4 will involve completing trial exams, workshops for revision, completing tasks, independent revision and exam preparation, as subjects draw to completion. The end of the Year 12's school year and schooling is now just a few weeks away. We wish you well for the coming weeks while you complete your school year.

Term 3 in Review

Term 3 has been a busy one with all activities continuing to return to normal. We have had subject selections for 2024 underway in the Secondary Years. Year 7 camps are now underway. Thank you, Lynda Rymer, Year 7 Year Level Leader for the organisation of the camps, also thank you to the teachers that support these camps for our students. We also had our Winter Musical Recital evening where our students were able to demonstrate their musical talents. It was a great evening with the audience at capacity. Well done to all performers and a thank you to The Arts staff for the organisation of the event and to the instrumental music teachers who also supported this event. The middle of the term was particularly busy with SSO Week, Book Week and Science Week. Our Primary Students had Wakakirri and then, due to receiving a 2023 Wakakirri State Award were invited to perform at the Awards Showcase Night on 7 September. Thank you to all the students, parents, teachers and volunteers that assisted to make it possible, particular mention to Penny Philips for all her work. It was a fantastic show and our students were excellent on all occasions. The final excursion for the term was all Year 11s attending Street Smart.

Way2Go

At our last Governing Council meeting Jimmy Dimou, a HPE and Year 6 Primary Years Teacher presented the work he has initiated and led this year.

Way2Go is a statewide program promoting **safer, greener and more active travel** for South Australian

primary school students and their communities. It uses a **whole school approach** built on a **partnership** between local councils, school communities and the Department for Infrastructure and Transport (the Department). Schools that actively engage with the Way2Go program are eligible to participate in Way2Go Bike Ed.

Way2Go Bike Ed provides practical bicycle education for students in Years 4-7. Through the program students develop an understanding of the benefits of bike riding, basic bike skills, traffic awareness and safe decision making.

Bikes in the School Yard: It is wonderful that with the increasingly sunny weather we have more students beginning to ride or scooter to school.

I would like to take this opportunity, due to some recent near misses, to ask families to remind their children that bikes and scooters should not be ridden on school grounds, including before and after school. Students should walk their bike or scooter from the school gates through to the bike racks.

Morning and Afternoon Yard Duty Supervision

The safety of our students is of extreme importance to us. Before we enter into Term 4, I would like to take this opportunity to remind our school community that supervision for students begins at 8.25am from Monday-Friday.

Also, yard duty supervision finishes at 2.50pm on Monday and 3.25pm Tuesday to Friday. Our OSHC service runs before and after school. This service is accessed by a growing number of families. Our OSHC staff provide a program that involves students accessing school facilities before and after school. To assist us in the delivery of OSHC we request that families please leave the school grounds by 2:50pm on Monday and 3:25pm Tuesday to Friday, unless they are meeting with a member of staff.

Secondary Years Reports

Teachers are undertaking report writing for Year 7 to Year 12. This will be completed by the end of the term. These reports will be available via Daymap in Week 1 of the holiday break.



Meg Fay, Principal



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IMPORTANT DATES IN TERM 4 2023

Across School Events

28/11	Celebration of Success (Years 7-11)
12/12	Celebration in the Courtyard Performance
15/12	Last Day Term 4 (Early Dismissal 12:45pm)



Year 12 Students

26/10	Last Teaching Day for Year 12 Students
27/10	Year 12 Farewell Morning Tea
30/10-3/11	Study Week Year 12 Exams
6/11-15/11	Year 12 Exams
22/11	Year 12 Graduation

Year 11 Students

20/11	Last Teaching Day for Year 11 Students
22/11-27/11	Year 11 Exams

Year 10 Students

27/11	Last Teaching Day for Year 10 Students
29/11-1/12	Year 10 Exams

Year 7-9 Students

8/12	Year 6 to 7 Transition Day
12/12	Last Day Years 7-9 Lessons
13/12-14/12	Round Table Assessments (Years 7-9)

Primary Years

23/10-24/11	Year 6 Aquatics
31/10-11/11	Swimming Weeks (Reception-Year 5)
21/11	New Reception Transition Visit 1 (Tuesday Group)
23/11	New Reception Transition Visit 1 (Thursday Group)
28/11	New Reception Transition Visit 2 (Tuesday Group)
30/11	New Reception Transition Visit 2 (Thursday Group)
28/11	Year 6 Celebration Assembly
29/11	Footsteps Disco

INVITATION TO GOVERNING COUNCIL MEETING

Dear Parents/Caregivers

You are cordially invited to attend the Governing Council Meeting to be held at The Heights School on **Tuesday, 31 October 2023 at 6:00pm** in the Conference Room (Administration Building) where the Materials & Services Charges for 2024 will be included on the agenda for discussion. If you are unable to attend the meeting you are invited to send your views on the charges addressed to The Governing Council Chairperson via email dl.1430.info@schools.sa.edu.au no later than Monday 30 October 2023 to be presented at the meeting. Please be aware that legally, only Governing Council members are eligible to vote on the changes.

Notice of charges for Reception to Year 6

<https://www.theheights.sa.edu.au/link/ms2024/r-6.pdf>

Notice of Charges for Years 7 - 12

<https://www.theheights.sa.edu.au/link/ms2024/7-12.pdf>



EDUCATION RESEARCH AND INNOVATION

EDUCATION RESEARCH AND INNOVATION: Informing our community about education research and innovation from early childhood to senior secondary and post school pathways.

As you know from the Week 6 newsletter, all P-12 teachers are engaged in school-wide discussions about the ways in which we develop our students' **Metacognition and Self-regulation**, and we are committed to continuing this focus as one of our core pedagogies at The Heights School.

Before I share another practical example of a way in which we are working to develop students' metacognition and self-regulation, here's a quick reminder of what it is:

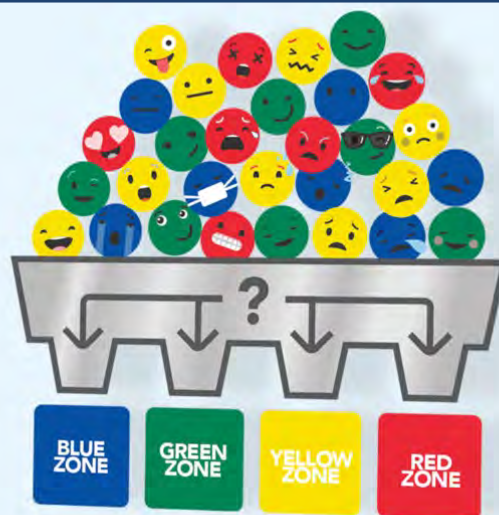
Metacognition and self-regulation approaches support students to:

- be aware of their thinking and actions
- understand themselves as a learner
- plan, monitor and evaluate their learning
- recognise their response to a situation and to regulate that response.

For educators to support students to monitor and evaluate their actions and for students to support each other, it helps if we have a common language to think and talk about our actions and emotions. At The Heights School we use The Zones of Regulation to provide a simple language structure for students to consider their emotions.

Sorting Our Emotions Into Four Zones

Feelings are complicated. They come in different sizes, intensities, and levels of energy that are unique within our brains and bodies. To make them easier to talk about, think about, and regulate, The Zones of Regulation organizes our feelings, states of alertness, and energy levels into four colored Zones – Blue, Green, Yellow, and Red. The simple, common language and visual structure of The Zones of Regulation helps make the complex skill of regulation more concrete for learners and those who support them. We learn to regulate our Zones to meet our goals and task demands, as well as support our overall well-being.



This week we are sharing a description of each of the zones, so that you can connect with your children if they say, for example, 'I'm in the Blue Zone'. It is critically important to appreciate that **all of these zones are okay**. We all routinely experience different zones across our day and it is **essential that children feel safe to identify and describe their emotions without judgement**. You'll notice that the Green Zone is associated with feelings of comfort, calm and connectedness, however it's important that we don't describe the Green Zone as the norm or any more acceptable than feeling an emotion that connects with another zone. What does matter for us in school, is that we support students to develop skills to know how to engage with their day from whichever Zone they are experiencing.

The **BLUE ZONE** describes low states of alertness and down feelings, such as when a person feels sad, tired, sick, hurt, lonely, or bored. Our energy is low and our body is moving slowly when we are in the Blue Zone.

The **GREEN ZONE** describes a calm, alert state. We may be feeling happy, focused, content, peaceful, or calm in the Green Zone. The nervous system feels safe, organized, and connected in the Green Zone, helping us be primed to learn. *However, we can learn in other Zones too.*

The **YELLOW ZONE** describes when our energy is higher, and our internal state starts to elevate. Our emotions get a little stronger. We may be experiencing stress, frustration, anxiety, excitement, silliness, confusion, nervousness, be overwhelmed, or have the wiggles, when in the Yellow Zone.

The **RED ZONE** describes a state of extremely high energy and intense, very overwhelming feelings. We may be in an extremely heightened state of alertness, potentially triggering our fight, flight, freeze or flee protective response. We may feel elated, euphoric, anger, rage, devastated, out of control, panicked, or terrified when in the Red Zone.

For more information, please check out: <https://zonesofregulation.com/>

Val Westwell, Deputy Principal

NEW WASTE MANAGEMENT SYSTEM

The Department for Education is committed to reducing waste sent to landfill and to support practises that minimise waste production and resource consumption.

As part of this commitment, our school, along with all over government schools, has received new internal and external bins to facilitate the sorting of our waste into four different streams; **organics**, **paper**, **recycling** and **dry waste**.

Our SRC has been working with staff and students to promote the new system as well as educate and encourage us to select the correct bin.



Kellye Rowe, Facilities

Bin colour	Image	Typical bin opening shape	Type of waste – waste streams
red		diamond	waste (in regional SA this will go to landfill, in metro it will go to being processed into an alternative fuel source)
blue		diagonal slot	paper and cardboard
lime green		oblong	organics – any food scraps, paper towels, compostable items, garden waste
yellow		round	recycling – dry and clean items such as empty juice containers, cans and plastic and glass bottles



HAPPY SSO WEEK!

In Week 7, a staff morning tea was held to thank and acknowledge our ancillary staff for their hard work and contributions in creating a supportive, nurturing, and safe environment for our students to thrive. We truly appreciate all their efforts and recognise their importance and value in supporting students and staff at The Heights.



2023 FATHER'S DAY STALL

Earlier this term we held The Heights School 2023 Father's Day Stall where students had the opportunity to purchase a gift for their dad or someone special in their life.

A huge thank you to our amazing school volunteers Robyn, Ann-Marie, Karen, Leah and Valerie who kindly donated their time gift wrapping what seemed like thousands of gifts and supported our students throughout the event. We couldn't have done it without your invaluable help!! Thank you also to our wonderful student volunteers Helena, Lara and Amalia for giving up some of their lunchtime to help wrap gifts when the lines were out the door!

Our teachers and SSOs did a fantastic job bringing their classes and students and were ready to lend a hand if needed.

A big thank you also to our families! It's such a great event to be part of and one that highlights the positive school community spirit we are fortunate to have at The Heights.

We hope you all had a great Father's Day.

Gjuzide Apat
Community Liaison



WAKAKIRRI AWARDS SHOWCASE

On Thursday 7th September the cast and crew of *The Nature of Happiness* returned to The Norwood Concert Hall for the Wakakirri Award's Showcase.

A Year 5 student, Aayushi, was asked to give a speech about what we have done since performance day and what it has meant for our school to be invited to the awards night.

She said:

'Wakakirri has been a big event for The Heights and a very special one. We performed for 28 classes of Reception to Year 6 at school last week. Many teachers and support staff came along too and we received some great feedback from them.'

Being invited back to perform here at Norwood is a wonderful achievement for all of us. Our hopes and effort played a big part in our Wakakirri. We wanted to connect with our audience while performing. We wanted to show you 'The Nature of Happiness'. It has been fun back stage and an amazing experience to let our worries slide away while performing at this theatre. Thank you for choosing us to share our story again.' Chookas

Her words really sum up the feelings of everyone involved.

We got some excellent feedback from the Wakakirri Ambassadors and were happy to receive a State Award for telling a story about Resilience Health.

Penny Phillips



YOUTH ACHIEVEMENT AWARDS

On September 7th the City of Tea Tree Gully hosted its annual Youth Achievement Awards in which two of our Year 12 students were nominated and shortlisted. The Youth Achievement Awards exist to acknowledge and celebrate the achievements of local young people, aged 12-25 in the City of Tea Tree Gully. Both Chloe Carter and Deborah Baker (Year 12) were awarded runner ups in their nominated categories, "Courage Under Fire" and "Peer Choice" that recognised their passions, volunteering and service to the local community. It was a fantastic night celebrating and both students should be extremely proud of all they have accomplished. Another highlight of the night was seeing Year 11 student Siya Bhasin's involvement in the night as one of the TTG Council's Youth Worker's. Siya helped to plan the night along with the 7 other young volunteers in the program. Congratulations to all involved.

Rachel Scott, Wellbeing & Inclusive Support

Lauren Archer, Pastoral Care Worker



YEAR 8 HASS EXCURSION

On Wednesday 23 August, our Year 8 class went on an exciting excursion to the Morialta Conservation Park for Geography. The park, located in the Adelaide Hills, is a beautiful natural area that has amazing views and a variety of outdoor activities. Our first stop was the First Falls, a stunning waterfall that flows down the rocky cliffs. We took in the sights and sounds of the rushing water and sketched it down in our worksheets to remember the moment. Next, we made our way to the Giant's Cave, a large cave that offered a cool shelter from the warm sun. We explored the cave and learned about its geological formations and history.

After our adventures at the First Falls and Giant's Cave, we headed to the playground for some fun and relaxation. We climbed, swung, and slid to our hearts' content, enjoying the fresh air and beautiful surroundings. The excursion to the Morialta Conservation Park was a fun and educational experience that we will never forget. We learned about the different landforms and had a great time exploring the park's many natural attractions. We are already looking forward to our next visit!

Yutong Gao



R U OK? DAY

R U OK? Day was held at The Heights School on Thursday 14th September 2023. R U OK? Day is an Australian national day of action dedicated to promoting mental health awareness and encouraging people to check in on their friends, family and colleagues to see if they are okay.

The R-12 Student Representative Council (SRC) along with the members of the Student Wellbeing Team hosted a Courtyard Fair. Students were encouraged to wear a “touch of yellow” to celebrate the day. The courtyard itself was decorated in yellow and black balloons. Activities included face painting, chalk art, music and photos, which are great ways to engage and promote a positive and supportive atmosphere. Events like these help raise awareness about mental health and encourage a sense of community belonging in which individuals feel comfortable to check in with their friends and have a proper conversation. It was a fantastic event! Thank you to all those involved.

Student Wellbeing Team



R U OK? Day Poster Competition

This year we ran a school-wide R U OK? Day poster competition.

Students were encouraged to submit a poster that promoted the message and meaning of R U OK? Day. There were so many creative entries from students across all year levels. The posters were displayed proudly in the library for all of Week 8 and 9.

The competition winners were Han Ong (Year 12), Nitenya Maherwal (401), Samar Pandher (303) and Yuvi Tiwana (201). Congratulations to all winners and thank you to all who participated.

Rachel Scott
Wellbeing & Inclusive Support Officer



BOOK WEEK 2023

Read, Grow, Inspire

Please enjoy some photos from Book Week 2023. Do you recognise any characters?

A huge **THANK YOU** to everyone who contributed to the week including our Minister for Education, Training and Skills, Mr Blair Boyer who was present at our Parade Celebration. It was also lovely having secondary students involved in this important week.

Ms Simpson & Mr Powell, Teacher Librarians



BOOK WEEK 2023 (CONTINUED)



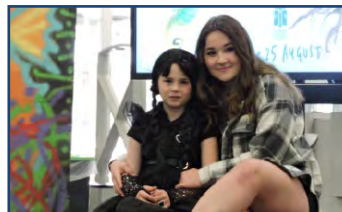
BOOK WEEK 2023 (CONTINUED)



BOOK WEEK 2023 (CONTINUED)



BOOK WEEK 2023 (CONTINUED)



FESTIVAL OF MUSIC CHOIR PERFORMANCE

On Wednesday September 13th thirty of our Year 5 and 6 students performed on stage at the Adelaide Festival Theatre as part of the Public Primary Schools Festival of Music. Our school was also represented by Siddhi Chaturbhuj who was a soloist in the song 'Charleston' on the Thursday night concert.

The Primary Schools Festival of Music, an official state icon, and custodian of an iconic South Australian tradition, engages our students in artistic excellence, cultural diversity and social inclusion through performance in Music and the Arts. This year we commissioned Paul Jarman to compose a set of four songs entitled "World of Tomorrow".

In this rapidly evolving modern world, it is hard to imagine that less than two hundred years ago there was no electricity, no running water or central heating and cooling. We lived without antibiotics and medicines. Cars, trucks, buses and planes were not yet invented. There were no telephones, let alone smart phones.

While most of these differences have improved our lives, some haven't. Many of these differences are greatly influencing our lives. Are we heading the right way? The technology challenges of our changing world form the theme of our four-part song cycle for the 2023 Festival of Music, "World of Tomorrow".

During the concerts there were a number of guest artists from public primary and secondary schools, other choir items that presented different musical genre, and two pieces that specifically showcased the talents of the orchestra.

It was a spectacular event that our students and staff enjoyed being a part of.



YEAR 7 EALD EXCURSION

On the 12th of September the Year 7 EALD class went to Tea Tree Plaza to view *The Haunted Mansion*. The students laughed and gasped at all of the exciting scenes presented by the Disney Studio. The students will complete a film review on their return to school in response to the film. Thanks to Ms Lynn McKenzie for helping supervise the excursion.

Stephen Miles



PLEASE RETURN LIBRARY BOOKS!

Would you please check at home for any books that need to be returned to our Library.

With the holidays approaching we want students to be able to maximise their borrowing.

Please note that any books lost or damaged need to be paid for or replaced. There have been several cases lately of leaked water bottles which have damaged books meaning we have to get a replacement!

Students can check their own accounts using the Library Catalogue link in the Intranet.

Thank you for your support.

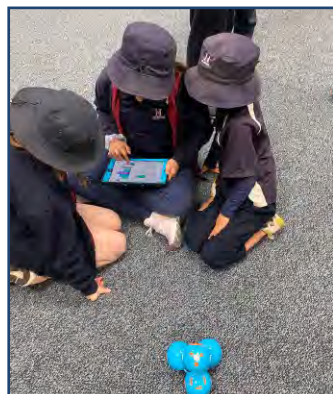
Ms Simpson & Mr Powell
Teacher Librarians

NATIONAL SCIENCE WEEK PRIMARY YEARS R-6

Last month we celebrated National Science Week from 10th August - 20th August. We had a range of activities and competitions running throughout the week to promote this year's theme *Innovation powering future industries*.

Tuesday 15th August - Robotics rotations + Binary Bracelets:

Our upper primary students put their 21st century skills to the test to make their way through robot rotations. They were able to use Makey Makey, Dash and Edison robots to be creative and learn. Our early years students got creative to represent their name in binary code making binary bracelets!



Wednesday 16th August - Science show starring Mrs Goerner,

Miss Brooks & Mr Hart: Our primary Science teachers put on a show in the lecture theatre! We saw teabags fly, a baking soda volcano, Mentos in Coke with a grand finale of elephant's toothpaste.



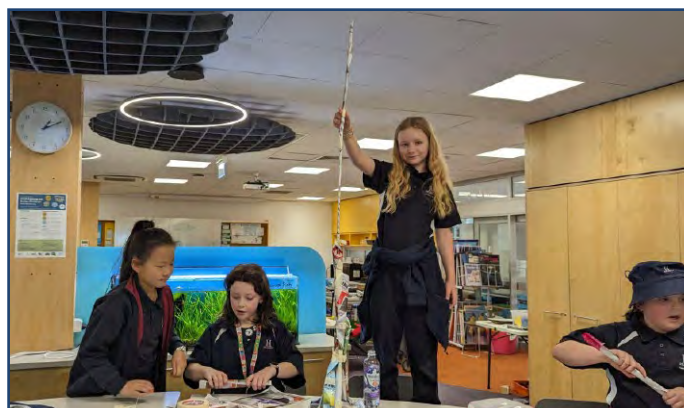
Thursday 17th August - Class Quiz! A Science Week quiz

encircling our science strands; biological science, chemical science, earth and space science and chemical science was a huge success. Each primary years class nominated 6 students to participate in our lunchtime quiz. Unfortunately, there could only be one winner... congratulations to the students from the following classes from each year level!

Year 3: 304
Year 4: 401
Year 5: 504
Year 6: 602



Friday 18th August - STEM challenges: Our final activity of the week had students challenged to complete a STEM (Science, Technology, Engineering, Mathematics) challenge. Collaborating with their peers they were challenged to create a boat that floats out of a sheet of alfoil, a balloon powered car or the tallest tower using only newspaper. It was great to see them take on the challenge and see lots of smiles along the way.



Science competition: Over Science Week students were challenged to be innovators to design something to make day to day life easier. Across all year levels it was fantastic to see a range of fantastic ideas. Congratulations to the following students from each year level:

Year 1: Jalen R
Year 2: Swara B & Jeswitha G
Year 3: Ryder A – Umbrella bag
Year 4: Connie W – AI house
Year 6: Emma L & Liya C – De-Ink
Effort Award: Pahul S – DIY water filter

Thank you to all participants who made it very challenging to decide on our winners.

Natalie Brooks 3-6 Science (on behalf of Colleen Goerner R-2 Science and Josh Hart 4-6 Science)



SUBS IN SCHOOLS STATE FINAL

The 2023 Subs In Schools students recently participated in the state final competition. This involved attending sea trials at St Peter's College where students had their submarine or remotely operated vehicle (ROV) scrutineered by Re-Engineering Australia Foundation judges while they manoeuvred their watercraft through a series of underwater challenges.

Students were then invited to the Royal Adelaide Show where they assembled their trade displays for the judges and general public to see. Over the course of two days the students showcased their competition portfolios and verbal presentations to the judges where they were assessed in a variety of areas including their engineering, collaboration, and CAD/CAM skills.

As a result, the Heights teams Orion, Nautilus (SUBs) and Armada (ROV) made the national finals which will be held at St Peter's College in March 2024. Teams were also awarded with the following accolades: Armada (ROV) placed second in the state final and received an outstanding industry collaboration award. Orion and Nautilus (SUBs) took home first and second place respectively and were also awarded with the best engineered submarine, best manufactured submarine, best team portfolio, best team marketing, best managed enterprise, best STEM trade display and best graphic design.

The 2023 Subs in Schools students would also like to credit much of their success to their SAAB industry mentors and their sponsors. Sponsors supported students by donating a variety of goods and services such as uniforms, printing, access to a swimming pool and monetary donations. To thank their mentors and sponsors, the students will be holding a stakeholder event in the coming weeks.

Rebecca Nicholson, Subs in Schools Teacher



Winners



Armada trade display



Nautilus trade display



Orion trade display



Sea trials



SUBS IN SCHOOLS VOLLEYBALL COMPETITION

Subs in Schools Volleyball Competition was held during Week 4 this term, and it was a resounding success! Teams competed in a knockout style tournament organised by the Subs in Schools students. Participants paid five dollars for the chance to win a large box of Cadbury Favourites, a (3D printed!) trophy and the honour of being crowned champions of the SIS Volleyball Tournament!

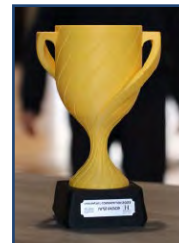
The Subs in Schools students dedicated their lunch time all through Week 4 to set up for the competition and make sure it ran smoothly. Thank you to the PE staff who also contributed to the success of the tournament by letting us use the gym and equipment. Congratulations to the "Mealtime Warriors" who took out the top prize. Funds raised from the tournament contributed towards much needed materials for the Subs in Schools students to participate in the state final competition in Week 7 of this term.

"The week proved to be filled with excitement for all participants including players hosts and spectators alike. The games were highly engaging, creating an atmosphere that was encouraging and positive." - Munmun Pahwa, Yr 10 Commentator and Organiser

"Refereeing was fun, the games were good and the atmosphere was great." - Jasmine Batara, Yr 10 Referee

"It was amazing to see the amount of support that the students had for all teams competing throughout the week, which made it an incredible experience all-round." - Vatsal Thakkar, Yr 12 Competitor and Organiser

Rebecca Nicholson, Subs in Schools Teacher



STUDENT ACHIEVEMENT - MOHAMMED ZAFUAN

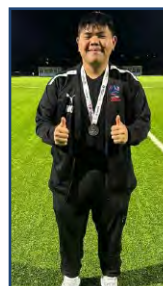
On the 9 September 2023, Football South Australia (FSA) announced the names of the referees appointed to officiate the Grand Final of the National Premier League (NPL) and State League 1 and 2 which were played at the ServiceFM stadium. See link on the write-up (with the complete list of referees selected) posted on FSA's website.

Match Official Appointments – Senior Men's Grand Finals | Football SA

As a junior referee at FSA, Mohammed Zafuan rose the rank from a junior referee to officiating senior games. He made his senior debut in the middle of season 2023. Since then, Zafuan was trusted to referee senior games both as a referee and assistant referee. To reward his consistent and competent performance, Zafuan was selected to assist his fellow referee in his first Grand Final for the under 18 NPL match between Adelaide City (champion of the league) and MetroStars (league runner-up). Below is Mohammed Zafuan's comment after his name was announced at the Senior Referee celebration night on Monday, 9 September 2023 at the State Centre of Football.

"I was shocked when I saw my name on the screen. I never expected to referee a grand final match especially as I am new to FSA. Nonetheless, I took the appointment with great honour and promised the chair of the referee committee that I will not let them down. Thanks to everyone who has supported me in my referee journey"

Below are some of the Mohammed Zafuan's pictures at the Grand Final match day.



YEAR 9 DESIGN AND TECH EXCURSION

Success for THS CO2 Dragsters at the Royal Adelaide Show

On the 6th September, a group of 16 students from THS went on an excursion and successfully ran the state CO2 dragster competition at the Royal Adelaide Show. The Year 9 Design & Technology students were involved with competing, judging and running the event within the Technology Pavilion. Students that attended were Jessica Allen, Ben Eaton, Brandon Formosa, Jack Fuller, Jason Kwon, Sarah Lin, Damia Mackay, Tahlia Miller, Vraj Patel, Vansh Sharma, Amber Shaw, Tanisha Rathod, Summer Rowe, Oliver Rus, Aaliyah Russell and Trae Bera. As the racing progressed through the day, many of the public watched and were enthusiastic to say the least. Dragsters were entered from a range of schools throughout SA and the competition was at a very high level. Sarah Lin's dragster raced its way into the final and secured a 2-1 best out of three racing and eventually winning by just 0.008 seconds! Congratulations to the fastest 4 cars of THS from Sarah Lin, Jessica Allen, Jason Kwon and Aaliyah Russell that will now compete in the Australian CO2 Dragster championships to be held in Perth in WA on the 23-24th October.

So, what are CO2 Cars?

CO2 dragsters are miniature racing cars, less than 300mm long and mainly constructed from balsa wood, that students design; build, test; modify; and eventually race. Propelled by CO2, two cars are raced at once down a 20m track and a timer records the speed (averaging 80kph!) for each lane. During participation in the Year 9 CO2 dragster program at THS, students learn about: researching the three principles of design including mass, friction and drag; sketching techniques; designing; safety in the workshop; manufacturing; testing; evaluating; associated technical language; interpreting CAD models and working drawings; workshop manufacturing tools and equipment; assembly processes and procedures; digital folios; managing logistics of and running a competition.

A huge thank-you to Ms Esposito and participating students that made this event possible and for supporting this rewarding educational program.

Jac van Hoof

Design and Technology Teacher



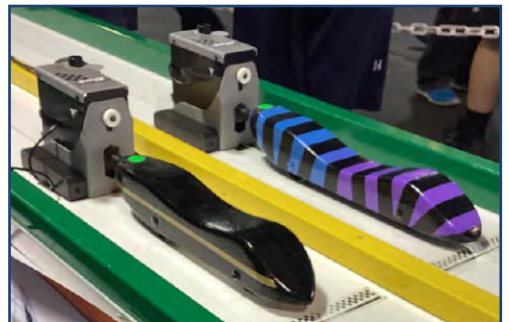
THS students successfully host the championships at the Royal Adelaide Show



Excited onlookers watch the racing



Lining up for the state final race



Sarah Lin and Jess Allen battle in the quarter finals



Sarah Lin's winning dragster



Semi-finalists in the state championships



THS students keeping an eye of the finish line

303 ARRAY ART

Our inspiration

We have been learning about Alan McCollum, he is a contemporary American artist. He is now working in New York City. His project was to make a shape for everyone in the world. His project was called the shapes project.

By Sunwoo Jeong

The process

First, we coloured a piece of paper with texters, water and tinfoil, to create our background. We then used carboard and hard foam to create a stamp. The last thing we did was printing it onto the paper with paint.

By Harvey Little

Relating it to Mathematics

My array has 4 rows and 3 columns. One of the multiplication facts I could do is 3 times 4 equals 12. Half of my array would be 6 stamps. A division fact I could do is 12 divided by 4 equals 3. There is many more division and multiplication sums I can do like 12 divided by 3 equals 4. One sixth of my array would be 2 stamps and one fourth is 3 stamps.

By Olivia Veal

I have 3 rows and 5 columns. Rows are horizontal and columns are vertical. For multiplication, you can do $5 \times 3 = 15$ or $3 \times 5 = 15$. That is called a turnaround. For division you can do $15 \div 5 = 3$ or $15 \div 3 = 5$. To relate to fractions, I half would not be able to go in whole numbers. I half of 15 is 7.5. I fifth of 15 is 3 because $15 \div 5 = 3$. I third of 15 is $5 \times 3 = 15$ or in division it would be $15 \div 3 = 5$.

By Samar Pandher

My array was a 3 by 4, 3 rows and 4 columns which will lead to the multiplication facts 3×4 or 4×3 equals 12. Also, the division facts can be $12 \div 3$ equals 4 or $12 \div 4$ equals 3.

By Aisha Farid



YEAR 10 VISUAL ART EXCURSION TO THE ART GALLERY OF SA

Frida and Diego: Love and Revolution Thursday 14th September

It was a great pleasure to accompany Year 10 Visual Art students to the *Love and Revolution: Frida and Diego* exhibition last Thursday. The exhibition featured a selection of artworks and photographs from the Jacques and Natasha Gelman Collection of 20th Century Mexican.

Our students are currently working on an assessment task that requires them to create three self portraits based on their own hopes, fears and beliefs. It was very inspiring for them to view the self-portraits of Frida Kahlo, analyse her work and make connections with their own work. Everyone was also very excited to have lunch in the Myer basement food court, as can be seen in the photo we took before heading back to the bus stop to return to school.

Catherine Bourn
Visual Art Teacher



COMMUNITY NOTICES

NORTHERN LIGHT THEATRE COMPANY
PRESENTS

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