

Term 3: Update 3



Update from the Principal

In January 2022 just over 400 Year 7 and 8 students will be joining Adelaide Botanic High School, bringing us to the full complement of year levels and a student population of just under 1250. The school was intentionally designed for this number of students and it is exciting to finally reach this stage of our development.

As Year 7 students move into high school for the first time in SA next year, we want to make this transition not only seamless and positive for our students, but we are also challenging ourselves to understand how we can build on to student successes and experiences from primary school.

On Friday 3 September (student-free day), all ABHS teachers and many support staff spent the full day in local primary schools observing, interacting, and reflecting. I would like to acknowledge the willingness of the primary schools to host our staff and the warm welcome that teachers and students provided as their classes were visited. The day began early as our staff joined teachers on yard duty before school, experiencing the arrival of students. For the rest of the day, staff immersed themselves in everything that occurs throughout a normal primary school day.

The energy, ideas and plans that emerged from the day and the exciting directions being explored are a testament to the success of the time spent in these schools. Close relationships have now been formed, opening opportunities for primary teachers to also spend time in our school and experience the learning environment their students will be entering. This sharing of practice can only enhance the learning experience for our students.

A huge thank you to the following schools for hosting ABHS staff and making our student-free day such a success: Brompton, East Adelaide, Gilles Street, Nailsworth, North Adelaide, Prospect, Prospect North, Richmond, Rose Park, St Paul's Lutheran, Sturt Street, Trinity Gardens, and Walkerville.

Wow, it's the end of Term 3 and yet another productive and amazing term has been crammed with unique student learning experiences. Our whole staff team have been so proud and thankful for the way students have supported a safe work environment through the wearing of masks and we wish our students a safe and reinvigorating term break.

I hope you might find 49 other people and dance.

Alistair on behalf of our whole Team



Reminder to wear correct uniform when travelling to and from school

Adelaide Botanic High School is a full uniform school with all students expected to uphold the school value of Community in their wearing of the correct school uniform at all times. This includes when students are travelling to and from school.

ABHS offers a range of proven selections for a variety of weather conditions and student needs so please support the school dress code by ensuring that your child is wearing correct uniform both at school and when travelling to and from school.

- Donna Mason, Assistant Principal

In Week 3, on Wednesday 27 October, Adelaide Botanic High School will be hosting a music performance featuring ABHS ensembles and the DfE Instrumental Music String Orchestra and Senior Concert Band.

The performances will be held in the evening and will celebrate student work in music throughout the year.



Upcoming Dates – Terms 3 and 4

Thursday 23 September WEEK 10 Student casual day - Headspace fundraiser	Tuesday 30 Nov & Wednesday 1 Dec WEEK 8 Year 8 Welcome Days
Friday 24 September WEEK 10 Term 3 last day of school (normal dismissal time)	Thursday 2 Dec & Friday 3 Dec WEEK 8 Year 7 Welcome Days
Monday 11 October WEEK 1 Term 4 first day of school	Monday 6 December WEEK 9 End of year reports released
Wednesday 27 October WEEK 3 Musical performance at ABHS (save the date)	Wednesday 8 December WEEK 9 Year 10 last day of school for Term 4
Thursday 11-Wednesday 17 November WEEKS 5/6 Year 11 exams (detailed schedule TBA)	Wednesday 8 December WEEK 9 Excellence Awards for Years 8-11
Wednesday 24 November WEEK 7 Year 11 last day of school for Term 4	Friday 10 December WEEK 9 Year 8/9 last day of school for Term 4 (early finish)



A small ceremony to recognise some big achievements

Over the course of Terms 2 and 3, Adelaide Botanic High School has received a number of award certificates recognising students' involvement in various competitions throughout the year. The school has been unable to acknowledge the achievements of these students as COVID restrictions have prevented school assemblies from taking place this term.

So, in the last week of Term 3, a small morning tea was held by the Level 2 Terrace as an opportunity for Principal Alistair Brown to present each student with their individual award and to congratulate them, both for their achievement and their involvement.

- *Bronte Nicholls, Assistant Principal*



Big Science Competition competitors and award recipients.



Australian Maths Trust Computational and Algorithmic Thinking (CAT) competitors and award recipients.



Brain Bee competitors and award recipients.



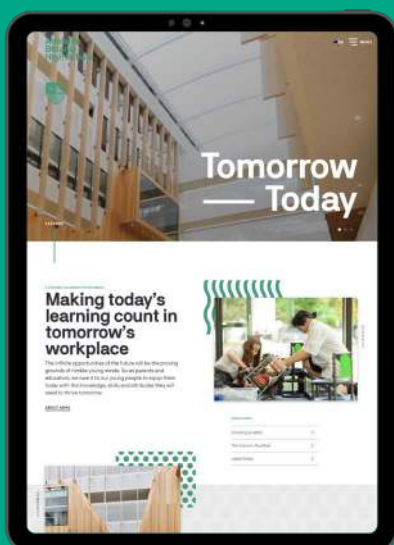
Competitors with Principal Alistair Brown.

A new website for Adelaide Botanic High School

Adelaide Botanic High School has launched its new website, marking an evolution in the school's online presence. It is designed to provide tomorrow's parents and students with everything they need to know about learning and life at ABHS.

ABHS welcomes you to have a browse through the new website when you have a moment at abhs.sa.edu.au.

If you have any feedback you would like to pass on to the team, please feel free to email abhs.general310@schools.sa.edu.au.





Students releasing their paper helicopters from the Level 1 balcony.

Rocket and Space Science at ABHS

This semester the Rocket and Space Science elective launched with a myriad of practical activities and excursions.

Paper Helicopters and Aerodynamics

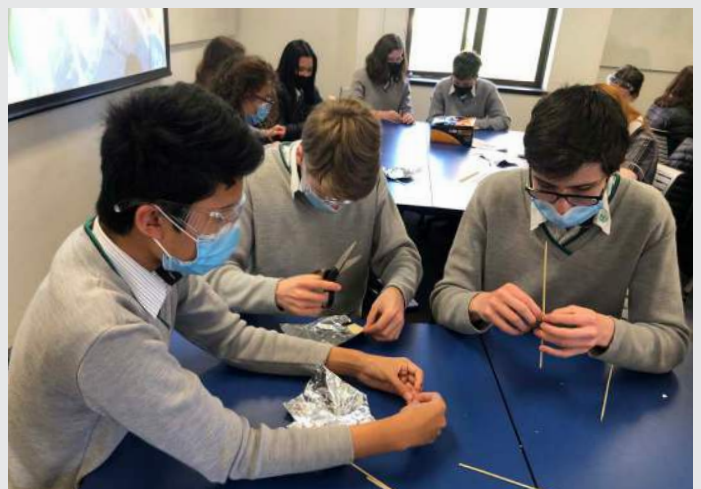
Students began by exploring the factors which impact aerodynamics. They created paper helicopters with varying blade lengths to identify how surface area impacts air resistance, releasing them off the Level 1 balcony and timing how long it took them to reach the designated safe zone below.

STEM Academy Workshop: Rocket Physics

The students visited the University of Adelaide for their first STEM Academy workshop on rocket physics. They created matchstick rockets and competed to launch them the furthest. This was then followed up back at school, where students were challenged to design and create the most aerodynamic matchstick rocket. The most aerodynamic design achieved the largest range.



Students creating matchstick rockets during their first STEM Academy workshop at the University of Adelaide.



Continued on next page



STEM Academy Workshop: Exoplanets

The second STEM Academy workshop was called 'Holiday Among the Stars' in which students explored human space travel to find exoplanets (liveable planets orbiting other stars). They were challenged to design a habitat for humans on a new planet. The students' creativity in this activity was out of this world.



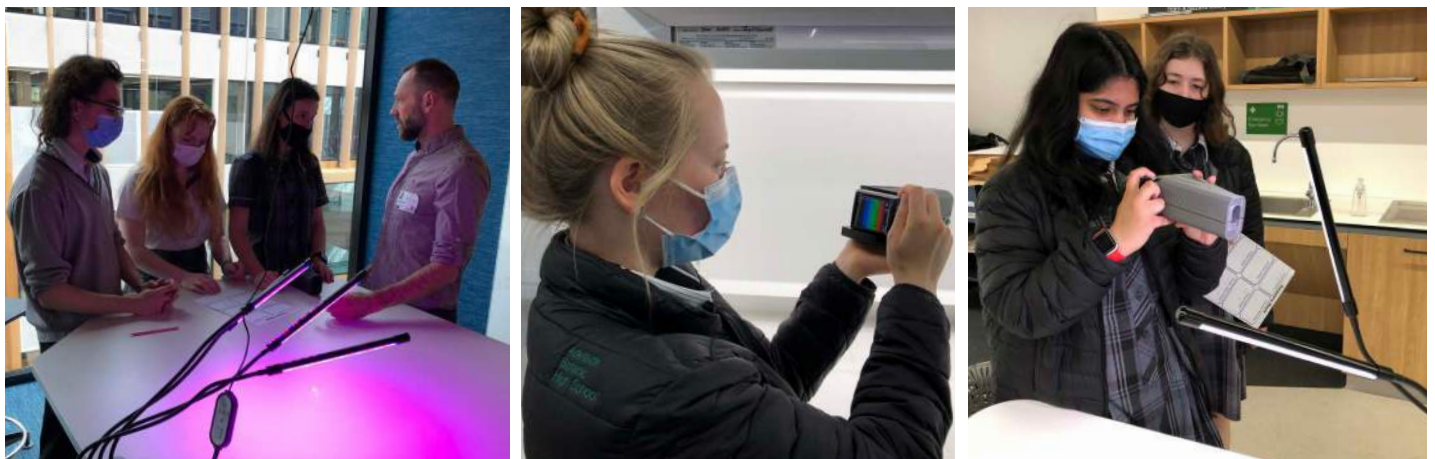
Students attending their second STEM Academy workshop and exploring the concept of exoplanets.



Students attending their second STEM Academy workshop and designing a human habitat on a new planet.

Satellite Optic Technology with the University of Adelaide

The term ended with guest speakers from the University of Adelaide's Space Physics department explaining the satellite optic technology (hyperspectral imaging) they have been working on. This technology is used for low level Earth observation (LLEO) to help researchers identify minerals in the Earth's surface. This technology is used in environmental monitoring, food processing and agriculture.



Students learning about satellite optic technology from guest speakers from the Space Physics department at the University of Adelaide.

Senior debating team makes semi finals



Students Filippa, Amy and Olivia from the ABHS senior debating team.

Congratulations to the ABHS senior debating team consisting of Filippa A, Amy Z and Olivia T.

They have made it to the semi finals which was held at St Peter's College on Wednesday 15 September. The girls defeated St Peter's Girls' team in a secret topic on the environment.

In the semi finals the team went up against Prince Alfred College, who were second on the ladder, in another secret topic debate. The team was given one hour to prepare for the debate. While they didn't win, they were very competitive against a strong and experienced team.

It was a great team effort to make it to the semi finals in what was a very tough competition.

- *Jean Rogers, Global Perspectives Leader*

Stage 1: Politics, Power and People

This term, the Year 11 Politics, Power and People class has been fortunate enough to receive visits from three key state politicians. Rachel Sanderson (Liberal Party), Robert Simms MLC (the Greens) and Emily Bourke MLC (Labor) have each visited the class and been very generous with their time. Students have had an opportunity to ask questions about the policies and motivations of the parties, as well as questions specific to the essays they are working on, thereby using the politicians as primary sources of information.

- *Ben Tymukas, Global Perspectives Teacher*



Year 11 students in a session with Rachel Sanderson.



Year 11 students in a session with Emily Bourke MLC.



Space Studio on camp to research the health of the River Murray.

Year 8/9 Studio: Space, I need my Space!

As part of our Space Studio studies, ABHS received a grant from the Andy Thomas Space Foundation to investigate how new space technologies can help people here on earth.

The CSIRO and University of Adelaide are already working on a project to develop a spectrometer to attach to a drone to monitor a range of environmental factors in the local area. Ultimately, a spectrometer is planned to be attached to a geostationary satellite to collect data and transmit it to other parties such as the Murray-Darling Basin authority for monitoring agricultural distress through colour spectral analysis. ABHS decided to look into how spectral analysis could be used to measure water and plant health.

Dr Ken Clarke, from Adelaide Uni's Waite Campus, visited ABHS to explain how spectral analysis is being used to study plant health at their Plant Accelerator. A tour of the CSIRO photonics laboratories at the University of Adelaide allowed students to see spectral analysis equipment for the South Australian satellite to be launched later this year. The school has entered the naming competition for this satellite so there was a lot of interest in this from students and teachers alike!

During Week 7 this term, the Space Studio set off on a camp to research the health of the River Murray, stopping at Banrock Station, Loch Luna and McIntosh Canal on the way. At each site water samples were collected to test their oxygen levels, turbidity, conductivity, salinity, temperature and pH. During testing, photos were taken with special handheld spectrometer devices to capture data about the water quality and the health of plants. At the Lake Bonney campsite, the results were analysed and the group enjoyed some star-gazing before turning in for the night.

The next day entailed a visit to the Loxton Research Centre to explore how crops grow in the Riverland, looking at different varieties to work out which grow best and are able to adapt to dry and salty conditions.

On Friday of Week 9, eight Year 9 students presented the school's grant project to members of the Andy Thomas Space Foundation team and other guest judges. ABHS was also able to watch presentations from other schools who received grant money. They had some great ideas, too.

The school is eagerly awaiting the announcement of the winners and is appreciative of the opportunities to learn more about space science and its applications.

- Lauren Scarf and Cengizhan, STEM Teacher and Year 8 student



Year 10 Artist in Residence skills development



Students working on a personal folio task at the Art Gallery of South Australia.



Students refining their skills with the artist mystery box practical task.



Year 10 Artist in Residence students have been continuously demonstrating their outstanding talents and abilities across the term.

Recently ABHS borrowed a collection of bugs from the South Australian Museum which were then concealed within artist mystery boxes.

Students enjoyed the anticipation of the mystery box and delved into the practical task to refine their drawing skills and develop their understanding of colour theory.

This has formed part of the students' skills folio as a formative assessment to prepare them for their own personal folio and practical.

The Year 10 students commenced their personal folio with a session at the Art Gallery of South Australia where they were able to spend some time responding to the question, "What is contemporary art?".

Students are well into planning their final practical artwork to be exhibited at the end of Term 4.

- *Trish Larkin, The Arts Leader*

Laptop bags available through Qkr!

If your child needs a new laptop bag, you can now purchase a replacement through the Qkr! app.

Laptop bags can be found listed under IT Supplies on Qkr! for a price of \$30.20.

All IT supplies are currently in stock and available for purchase, including power banks, stylus', and power adapters.

Orders through Qkr! are to be collected from Student Services.



Sports Update

Year 8/9 Southern Zone Netball Competition

In Terms 2 and 3, Year 8 and 9 students competed in the Southern Zone Netball Competition. Students were able to select this as part of their Studio program. Each week the teams played at Netball SA Stadium against southern zone schools including Adelaide High School, Mitcham Girls, Glenunga International High School and Blackwood High School.

Both teams played some outstanding netball during the season, with their teamwork and camaraderie developing the more they played together.

Division 2 team members: Emma B, Teleah H, Wendy T, Kielely C, Ella W, Ella B, Amy G and Dinithi

Division 3 team members: Tayla C, Sarah C, Scarlet C, Lili H-R, Lilli M, Penelope R, Charlize R

Thank you to Olivia Centofanti for coaching the Division 3 team, and to all of the parents who came to watch each week.

- *Kylie Trenorden, Lifestyle Choices Leader*



Division 2 Southern Zone netball team



Division 3 Southern Zone netball team

Year 8/9 Boys Knockout Netball

In Week 5, a group of Year 8/9 boys travelled to Scotch College to participate in the Interschool 8/9 Knockout Competition competing against Scotch and Aberfoyle Park. The boys started off with some shaky passes, but as the games progressed their skills improved. Standouts on the day were Lachlan, who shot most of the goals, and Ben, who made some incredible intercepts during his first time in defence. ABHS unfortunately went down in both games, but the boys are to be commended on their resilience and teamwork.

- *Sam Ball, Lifestyle Choices Teacher*

Open Boys Knockout Netball

On 17 August, the Open Boys Netball team played in round one of the Boys Statewide Schools Netball competition at Scotch College. After a slow start in their first game against Aberfoyle Park, the boys showed team spirit and put together several nice passages of play. The team went down by only five goals in this game. In their second match against the competition favourite, Scotch College, the boys fought hard and played some great netball. However, with experience behind them and a team of mainly Year 12 students, Scotch College were too strong and beat us by 56 goals.

Well done to all the players - Torin B, Ronan F, Christian K, Woody N, Jackson P, Liam L, Mack D and Nic F.

- *Kylie Trenorden, Lifestyle Choices Leader*



Open Boys Knockout netball team



Notices



PORT ADELAIDE SOCCER CLUB

JUNIOR TRIALS

U10 - U12 Mixed	U13 & U14 Boys	U11 - U17 Girls	U15 - U17 Boys
Mon 11 Oct 6.00pm	Tue 12 Oct & Thu 14 Oct 6.30pm	Wed 13 Oct & Fri 15 Oct 6.30pm	Wed 13 Oct & Fri 15 Oct 6.30pm

*Registration
30 mins
prior to session*

**Ngarrpadla
Josie Agius Reserve**
Dimboola St, Taperoo
www.portpirates.com.au

Enquiries to:
juniors@portpirates.com.au



Made with PosterMyWall.com