

Term 4: Update 1

Update from the Principal

We will start 2022 with almost 1250 students which is not only exciting but somewhat daunting. For the past three years we have had the luxury of space and opportunities to learn how to use our building and the adjacent areas. As we plan for next year, it is important to make sure our current students understand the changes that will need to happen to accommodate the additional number of students and staff.

Throughout Term 4 the 1250 Project has been planning for, and testing, the way we will use the building and surrounds once we have a school population of 1250. During the latter part of Term 3 and during the holidays a significant amount of planning, hard work and communication with students and our community took place in preparation for implementing and practicing the changes during Term 4.

Safe use of the front of the school on Frome Road and movement throughout the building, especially the stairs, are the focus for the first part of the term with other aspects to be introduced during the term. So far the students are doing an amazing job of taking on new approaches.

Virtual and Augmented Reality Innovation Lab

Educational environments need to constantly rethink delivery of education if they are going to prepare our young people for the future. Virtual learning environments and augmented reality are gaining momentum in educational settings globally and locally. It is important for Adelaide Botanic High School to stay at the absolute forefront of this technology and as a result I have been working closely with Lumination in Kent Town to develop an innovation lab at the school.

Innovation labs are state-of-the-art educational environments that allow students to use virtual and augmented reality technologies in a way that is uniquely immersive. Within this environment, students are exposed to the competencies they will need for the future job market, such as digital and STEM literacy,



Signage to communicate correct use of stairs and LED cube animation (top) demonstrating safe use of school front.

design thinking, mixed-reality content creation, and use of technology to solve real-world problems.

ABHS will be the first of a very small number of schools to have a dedicated virtual and augmented reality space of this kind in South Australia. This is an exciting development that should be completed and operational for the beginning of Term 1 next year.

Visit [this link](#) to see the concept design for the school and visit [Lumination's website](#) to read more.

I look forward to sharing the virtual world with our students early next year.

Alistair on behalf of our whole Team



Innovation lab concept design for Adelaide Botanic High School.

Music Performance Showcase 2021



The ABHS Music Department and DfE Instrumental Music are proud to present a music showcase featuring some of SA's finest student musicians.

Join the school for a spectacular night of music on...

Wednesday 27 October, 6:30pm at Adelaide Botanic High School

Tickets selling fast!

Visit [Eventbrite](#) for details and bookings.

Sales close Sunday 24 October.

[Buy Tickets](#)

School Sport SA Mountain Bike Championship



Arlo (pictured above) competing on the track.

On Friday 15 October, four teams from ABHS competed in the School Sport SA Mountain Bike Championship teams event. Each team consisted of three-four riders, who each rode one at a time, taking turns to complete as many laps as they could in the three-hour time frame. The U15 team, including Cobi, Harper and Maddie, finished 27th out of 80 teams. One of the ABHS U17 teams, including Mack, Angus, Sam and Arlo, finished 22nd out of 50 teams, while another two ABHS U17 teams, including Torin, Christian, Mitchell, Jude, Massimo and Sam, used all their energy and grit to finish the full three-hour race.

Well done to each of the teams, with a special mention of Arlo who competed in the state championships the next day and fellow state competition rider, Maddie.

- Donna Mason, Assistant Principal



Maddie (pictured above) competing on the track.

Upcoming Dates – Term 4

<p>Wednesday 27 October WEEK 3 Musical performance at ABHS (book by Sun 24/10)</p>	<p>Tuesday 30 Nov & Wednesday 1 Dec WEEK 8 Year 8 Welcome Days</p>
<p>Thursday 28 October WEEK 3 Year 8 immunisations</p>	<p>Thursday 2 Dec & Friday 3 Dec WEEK 8 Year 7 Welcome Days</p>
<p>Friday 5 November WEEK 4 Student-free day</p>	<p>Monday 6 December WEEK 9 End of year reports released</p>
<p>Thursday 11 November WEEK 5 Drama performance night</p>	<p>Wednesday 8 December WEEK 9 Year 10 last day of school for Term 4</p>
<p>Thursday 11-Wednesday 17 November WEEKS 5/6 Year 11 exams (detailed schedule TBA)</p>	<p>Wednesday 8 December WEEK 9 Excellence Awards for Years 8-11</p>
<p>Wednesday 24 November WEEK 7 Year 11 last day of school for Term 4</p>	<p>Friday 10 December WEEK 9 Year 8/9 last day of school for Term 4 (early finish)</p>



Airbus Workshop at the Australian Space Discovery Centre

A group of Year 10 Rocket and Space Science students put their hands up to be part of a workshop with Airbus that aimed to introduce students to the world of robotics in the space industry.

The students worked in teams to investigate the design and abilities of the Ariane 5 rocket through a series of challenges that increased in difficulty. The last challenge tested their patience yet they persevered, and while they wanted to complete the challenge successfully, time ran out! They explored the whys and hows of reaching Mars using advanced technologies in power, telecommunication and rockets.

The workshop took place at the Australian Space Discovery Centre and students had the opportunity to explore the gallery exhibits.

- Bronte Nicholls, Assistant Principal





ABHS students attending the school's first South Australian Junior Chess League tournament.

Inter-school chess competition

Over the course of Terms 2 and 3, six brave students represented ABHS when they participated in the school's first year of the South Australian Junior Chess League (SAJCL), a competitive inter-school chess tournament played against other schools across South Australia.

They were selected to compete in Division 1, the top league, and played classical games (one hour per player, plus ten increments per move) on a fortnightly basis on Friday nights at the Chess Centre.

Despite finishing eighth out of 14 schools, the boys were grateful for the opportunity to take their chess skills to the next level and build connections with like-minded students in the wider chess community.

- *Tania Zebian, Global Perspectives Teacher/Chess Coordinator*

"Representing ABHS at the SAJCL was as much of a learning experience as it was fulfilling for me. It was our first inter-school chess tournament which wasn't played on home ground, yet we quickly grew accustomed to the never-ending sound of pressed timers and the bustling atmosphere.

A fusion of anxiety and excitement raced through me before every game, coupled with the responsibility to win my game in board 1.

My first few games were particularly hard to forget. With clearly winning positions in the endgames, I lost both on time. I was trapped into overthinking in my pursuit for complete accuracy. But with a positive mentality and support from my teammates, I was able to overcome this and win the rest of my games.

Besides honing my skills, my favourite experience was connecting with various students from other schools, unified by the same passion for chess."

- *Elliott DW, Vice President of ABHS Chess Club*



Elliott (pictured above right) with a chess teammate.



Year 8 Visual Art

Emphemeral art is something that only happens once and then is gone...

As part of Parklyfe this term students have been looking at environmental installation art, focusing on artists such as Andy Goldsworthy and Richard Long. Due to poor weather one class had to improvise and do ephemeral drawing with string-like materials in the classroom.

This was an epic experience and everyone enjoyed the exercise as can be witnessed by the amazing photographs of the teams' works.

- Jim De Gregorio, The Arts Teacher (Visual Arts)



Year 10 and 11 Visual Art

Year 10 and 11 Visual Art students kicked off day one of Term 4 with an anatomy workshop.

The workshop was run as part of the Art Gallery of South Australia's (AGSA) outreach program and the resident artist on the day was Ellie Noir.

Starting with a series of quick exercises students soon built up a repertoire of skills to tackle their long drawing.

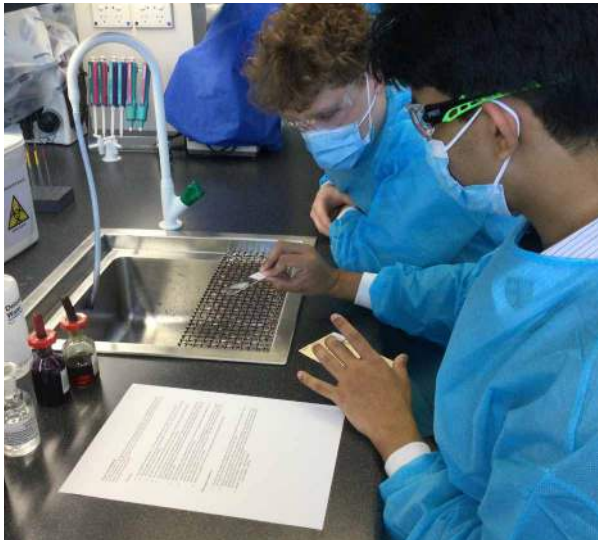
Using brown/grey paper for the midtones and charcoal and white conte, students achieved some amazing results.

Students will be able to apply these drawing skills and materials in their own practice as artists.

- Jim De Gregorio, The Arts Teacher (Visual Arts)



Year 10 Biochemistry and Medical Science

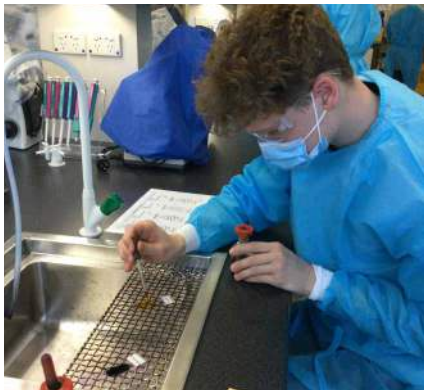


In Term 3 the Year 10 Biochemistry students had a unique opportunity to visit and complete a science practical at UniSA's Microbiology laboratories.

Students learnt how to categorize bacteria through a technique called 'Gram staining' and then observed the bacteria under a microscope to identify the different bacterial shapes on their prepared slides.

A big thank you to UniSA for hosting us, and to pre-service teachers, Steven and Masha, for organising this experience.

- *Natalie Bland, Alex Rendoulis, STEM Teachers, Steven Polyak, Masha Sudareva, Pre-service Teachers*



Notification of Student Absences, Late Arrivals or Early Departures

A reminder that the preferred method of notification is an SMS to the school via 0419 850 419 or an email to ABHS.studentservices321@schools.sa.edu.au.

Year 10 STEM: The Shape and Art of Chemistry

In Term 3, Year 10 STEM students immersed themselves in a unit called 'The Shape and Art of Chemistry', exploring the mathematics behind tessellations and the chemistry of ceramics. Students were involved in a colourful array of art-based practical activities and excursions.

To inspire and excite students for the term ahead, the Year 10 STEM team held an Art Gallery experience at ABHS. The Year 10 cohort went from room to room exploring different art viewing perspectives, describing the glazes used in ceramics, estimating the area of multiple shapes, and exploring how best to view 3D artwork. This led to the first assessment task which required students to determine whether calculating the maximum viewing angle for artwork using trigonometry gave the best viewing angle.

During Weeks 6 and 7, the Year 10s visited South Australia's JamFactory for a guided tour of the current exhibitions, including a behind-the-scenes look at the ceramics and glass studios in action. They were told about how understanding the properties of materials allowed artists to create unique and contemporary pieces of work.

Collaboration between the Year 10 STEM team and the ceramics and pottery studios at UniSA lent a practical element to the unit, whilst building community connections. The Year 10 students were given a tour of the ceramics and art studios at the uni and were given some background information about the chemistry of the clay to apply to their air-dry clay practical back at school.

To wrap up the term, all students created a tile from clay that they cut out, textured and glazed. All of the students' tiles were combined into a 1x2 metre tessellated piece of artwork to be displayed in the school. This artwork reflects the students' learning and involvement in STEM, in addition to creating a sense of community and ownership.

- Sylvia Saad, STEM Teacher



Year 10 students painting their clay art piece.



Year 10 students painting their clay art piece.



Students on a guided tour of the JamFactory.



Students on a guided tour of UniSA's studios.



Lifestyle Choices

Year 10 Outdoor Education

As part of an introduction to SACE Outdoor Education, Year 10 students participated in two aquatic activities: windsurfing and kayaking. Despite the chilly water, the participants were all eager to get in and learn a new aquatic skill.

All students demonstrated efficiency with their static turns, positioning, reaching and steering, and tacking. Anticipation grew for the second and final day, when students and staff donned life jackets and took to the water in kayaks. A windier day made for some interesting traversing across West Lakes, but the presence of the sun kept everyone chipper, especially when performing a capsizing manoeuvre. Throughout the day students performed sweep, draw and support strokes, along with emergency stops and deep water rescues. All these skills were put into practice in a final game of 'kayak tag' to top off a great pre-SACE experience.

- Nik Hewett and Sophia Ialleggio, Lifestyle Choices Teachers



Sports Studio

Super Botanic Netball Studio

Over the ten weeks of Term 3, the Super Botanic Netball Studio taught students new skills, developed their leadership abilities and allowed them to form strong relationships in their teams. The teams improved enormously over the duration of the term with students taking it in turns to run the training sessions.

In the last week of Term 3, Team Red (Session 3) and Team White (Session 4) took the overall tournament wins. Well done to all students involved.

- Brittany Ross, Lifestyle Choices Teacher



Knockout Sports Update

Year 8/9 Girls' & Boys' Knockout Futsal

17 August: Qualifying Round Girls played Underdale, St George, St Francis De Sales, and Woodville. They finished in the top three and qualified for the final round played on 22 September!

The boys' team shared their success, beating St Francis De Sales, St George, St Paul's, and Woodville, and only going down to Underdale in the last match. This was enough to take second place and move through to the final round.

22 September: Final Girls and boys fought hard in each match, demonstrating fair play, resilience, and teamwork. Both teams finished seventh overall, but showed promising signs for future improvement in futsal.

- Nik Hewett and Sophia Ialleggio, Lifestyle Choices Teachers



Year 8/9 Girls' & Boys' Knockout Volleyball

What a time to be ABHS! The 8/9 Boys' and Girls' Volleyball teams came to play, upsetting a few fiercely volleyball-proud schools. The boys won three out of four games, just missing out on progressing to the next round. Coaches commended the boys' camaraderie and team spirit. The girls battled hard in each of their games, playing all three sets in all four matches.

Hard work and determination prevailed as the girls won all of their matches, making it through to the next stage of the knockout competition. This is just another example of how our students are building a formidable ABHS sporting culture and staying true to the school's value of community.

- Nik Hewett and Brittany Ross, Lifestyle Choices Teachers



Notices

Uniform Fittings

If students require any new uniform items for 2022, families are encouraged make a uniform fitting appointment as soon as is convenient with Campus School & College Wear, taking note that the store will be closed for three weeks over the Christmas/New Year period, from Monday 20 December to Friday 7 January.

Due to COVID restrictions only the student and one parent/guardian may attend a fitting. The shop will follow all Department of Health guidelines in relation to mask wearing, social distancing and permitted number of customers in the shop.

Items will be available for immediate purchase. For online orders an \$8 delivery fee to your home applies.

To book a uniform fitting:

- Visit <https://bookings.campusschoolwear.com.au/retail-store/>
- Select an available date by clicking on it (a blue circle will appear around selected date)
- Complete booking details by filling in the required field information (please make one appointment booking per student) and click “Book Appointment”

You will be notified of your booking request, and should receive a confirmation email prior to the time of the appointment (please check your junk mail if it does not appear in your main inbox).

Payment methods include cash, EFTPOS, Visa and Mastercard.



Adelaide Botanic High School

for helping us save little lives and support grieving families

www.rednoseday.org.au



Notices



AGSA

Neo Teen Takeover

Mix it up!

Art, live music, performances,
food & more

Sat 23 Oct 2021
6–8.30pm
Ages 13–17

Free, book at
agsa.sa.gov.au/neo

Presented by



ART GALLERY OF SOUTH AUSTRALIA

