



ASMS ISF DAY 2 NEWSLETTER

THIS is the second day of the ASMS International Science Fair Week! Loads of great learning happened today, excursions ranging from Indigenous Art in the art gallery and museum, Future of Flight at Parafield, Eco regeneration, Biomedical Science at ASMS's neighbour Tonsley, and a late night sky viewing at Nunyara. Our international students got a taste of the wonderful experiences of South Australia, and the wonderful nature as well. They learnt about the many pathways of technology and science as they inquired about their challenges, while also collaborating with ASMS students.

THE students got a feel for aviation while touring Parafield Airport. They inquired about the science of flying and the development of aircraft models in the fourth industrial revolution. As well as learning about the challenges pilots face while flying, and how pilots collaborate to ensure a safe flight. ASMS encourages teamwork and collaboration so it was insightful for Parafield Airport to explain how collaboration and effective teamwork is relevant in future careers and pathways.

TODAY the Eco Regeneration group focused on the impacts of bushfires in the hills of Adelaide. They planted 25 trees to help restore the land and learnt how to use their resources to prevent water draining. The students successfully collaborated and used their greenthumbs to help the environment. They learned how to control fires and the steps to prevent the spread of a fire.

TODAY the Indigenous Art group went to the museum and art gallery in the city. They looked and learned about various aspects of indigenous history in Australia, as well as extended learning in animal species. The art gallery showed numerous artwork and artefacts that incorporated Aboriginal stories. This also included spectacular pieces from indigenous artists who shared their culture and history through their work. In the afternoon, the students explored street art for inspiration on their individual art pieces they will be creating later on in the week.





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ASTRONOMERS were pursuing their passions creating and exploring exoplanets, models and contraptions to further their understanding and their learning. One group was undertaking an engineering project, saying that they were excited for this year's collaborating school, as "the teachers from Roxbury understood what we are doing, which is a big help when building." These students were highly motivated and innovative with their project.

IN ARTIFICIAL INTELLIGENCE many of the students were coding and learning new ways to enterprise their skills! Students feel that they are on the "cutting edge of technology" programming with Unity. Students are inspired by their CBL teachers to collaborate with others on their passions.



IN FORENSIC SCIENCE, students were busy completing the gel electrophoresis activity, which was a hands-on activity in the lab where they learnt to load DNA into agarose gel. The team each received a DNA fingerprint to analyse, and from there they compared it to all the 'suspects' DNA that was provided from the crime scene. This allowed the students to determine who is guilty of committing a crime.

