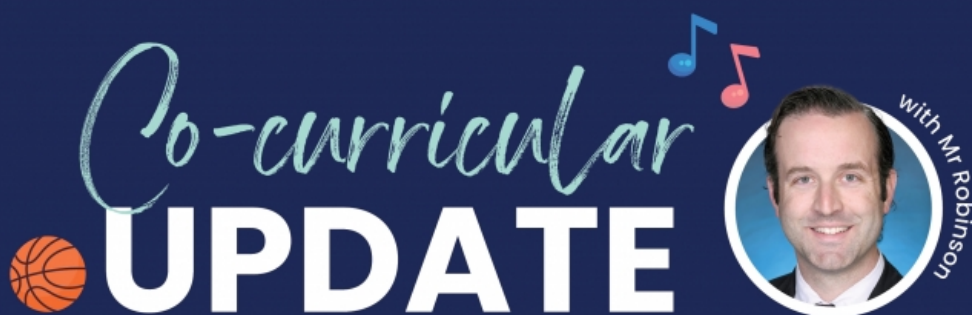




Co-curricular UPDATE

with Mr. Robinson

CO-CURRICULAR UPDATE

The STEM Lunchtime Club has emerged as one of the most dynamic and engaging spaces at school this term, drawing in students eager to explore the world of technology, engineering, and design. Giving up their breaks to dive into hands-on projects, students have transformed the club into a buzzing hub of creativity, collaboration, and problem-solving.

A major highlight has been the school's new 3D printing farm, which has opened up a world of possibilities. Students began by printing pre-designed models to build confidence, but quickly progressed to designing and producing their own creations using CAD software skills developed in Stage 4 Technology Mandatory. From household tools to musical instruments, the results have been nothing short of impressive.

"I love the resources and skills that STEM Club has given me. I enjoyed developing and 3D printing a violin," shared Daniel Beens (Year 8), whose fully 3D printed violin has become a standout achievement.



Others have found joy in printing personal and practical items. “I enjoyed 3D printing over the past two terms because it allowed me to print my favourite items and things that can be useful in my household. For example, I printed battery dispensers to increase storage,” said Shivnesh Naidu (Year 7).

For many, the journey began with simple but meaningful first steps. “STEM Club has been very fun this year so far. I really enjoyed it when I was figuring out how to do my first 3D print, which was a Formula 1 logo,” reflected Rishaan Ratnam (Year 8).

More recently, the club has shifted gears to focus on solar-powered vehicles. Students have been assembling solar car kits and are now entering the exciting phase of testing and modifying their designs. Many are leveraging their 3D printing experience to fabricate custom parts, aiming to gain a competitive edge.

All of this is building toward a major milestone: the Solar Car Competition at the University of New South Wales (UNSW) early next term. This event will bring together schools from across the state to race their solar-powered creations under real-world conditions.

With innovation, teamwork, and a spirit of exploration driving them forward, our STEM Club students are well on their way to making a mark. We wish them every success as they prepare to take on the challenge, and the track, at UNSW!

Mr Luke Robinson

Director of Co-curricular
