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BUNGAREE'S BRIGHT BULLETIN

Official Publication of the High Potential Learners program at St Edward's College

INSIDE THIS EDITION

Welcome to this edition of *Bungaree's Bright Bulletin!*

Dear Eddie's Educators,

Welcome to a new term of the Bungaree Bright Bulletin, where we shine a light on the journeys of our High Potential Learners. This term has launched with fresh momentum as students dive into new challenges designed to stretch their thinking and fuel their passions. From hands-on problem-solving to innovative collaborations, the focus remains on empowering learners to explore their strengths, take creative risks, and thrive in a supportive, high-expectation environment.

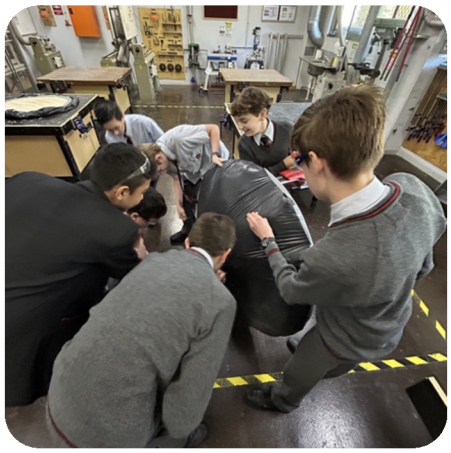
Doco in a Day: Real Stories, Real Skills! 🎬🕒

Doco in a Day is a school-based program run by the Edmund Rice Foundation, where students create short documentaries in one day to explore global issues like gender equality, education, and sustainability. Using real stories and footage from African communities, students develop their understanding of social justice and raise funds for education projects in under-resourced areas. The program blends creativity, advocacy, and action, with prizes for top fundraisers and filmmakers, including the chance to travel to East Africa.

All Bungaree boys took part this year, honing advanced multimedia skills through hands-on video production projects. From mastering editing techniques to applying visual effects and synchronising audio with precision, they are building a strong foundation in digital storytelling. These tasks not only develop technical expertise but also encourage collaboration, critical thinking, and attention to detail, essential skills for future-focused learners.

Powered by Air, Driven by Curiosity

Our High Potential students are preparing for an exciting challenge ahead of our upcoming Year 5 STEM Day, designing and building working hovercrafts to demonstrate the power of air and motion. Using their knowledge of STEM principles, the boys have been exploring how airflow, pressure, and design all contribute to creating a functional hovercraft. Through hands-on experimentation and problem-solving, they've refined their designs to ensure both performance and engagement for the younger students.
Blending engineering, creativity, and real-world application, this project highlights how innovation and teamwork can bring science to life in fun and meaningful ways.



STEM with Purpose: Solving Local Issues Together!

Our High Potential Learners are currently immersed in collaborative STEM projects aimed at tackling real-world issues within our local community.

Working in teams, the boys are exploring challenges such as biodiversity, heat stress, recycling and waste management, water conservation, and youth engagement. Now in the planning and development phase, students are designing innovative solutions with creativity, impact, and real-world application in mind.

Project ideas include:

- A pocket temperature sensor that alerts users when they're overheating along with a water bottle designed for people who are blind.
- A board game to encourage youth engagement
- A music video highlighting the dangers of heat stress
- An educational video on how water filtration works
- A DIY water filtration system
- A coded Minecraft escape room themed around heat stress
- A Minecraft recycling machine showcasing sustainable waste practices

These exciting projects will be showcased later in the year at the Erina Hub, where students will present their solutions to the wider community. It's a fantastic opportunity for them to demonstrate how STEM thinking can lead to meaningful local impact.

Oscar Gunn

"The Bungaree program has helped me push my limits and try new things while having fun"

Thomas Jukich-Cabral

"The Bungaree Program has allowed me to work on challenging yet fun projects with my peers"

Orlando Davies

"The Bungaree Program has introduced me to new ways of expanding my thinking and has challenged me to raise awareness about global problems"