The STEAM Enrichment Program

The STEAM High Potential Enrichment Program aims to enrich students' creative and critical thinking and problem-solving skills.

A STEAM focused education is closely linked to almost everything that we say we want for our children and demand from our schools:

- academic achievement
- personal development
- citizenship
- leadership
- innovation
- problem solving
- critical thinking
- creativity
- collaboration.

Involvement in collegial learning is associated with gains in both literacy and numeracy through developing cognitive ability, critical thinking, problem solving and verbal skills.

STEAM is important because it pervades every part of our lives. Science is everywhere in the world around us. Technology is continuously evolving and expanding into every aspect of our lives. Engineering is an example of the creative and innovative application of maths, science and technology. The Arts enriches our live through developing creative and critical thinking, problem solving and how we engage with our world through public speaking, debating, Music, Drama and the Visual Arts. Mathematics is in every aspect of our daily lives.

STEAM integrates multiple disciplines to provide opportunities to see how concepts relate to life. It is not a stand-alone subject, rather a group of subjects that work together. STEAM activities provide hand-on opportunities for students to extend their learning through innovation and creatively applying their skills.

Students will participate in the same curriculum presented to all Year 7 students. However, the STEAM classes will have enriched, focused experiences in all aspects of their learning through differentiated curriculum delivery that is multidisciplinary. Students applying for the STEAM program will need to have a passion and motivation for learning with the goal of developing their skills and potential.

STEAM Enrichment offers opportunity for students through:

- **Masterclasses in the Visual Arts,**
- **Musical Performance,**
- **Debating and Public Speaking,**
- **Creative Writing,**
- **Drama,**
- **Coding,**
- **Film-making,**
- **Industry-focused excursion experiences and targeted learning opportunities.**