ASC 2024

Join the STEAM Innovators Alliance at Yarra Ranges Tech School in 2024. This is a dynamic after-school club designed for high school students who are passionate about Science, Technology, Engineering, Arts and Mathematics (STEAM). Our mission is to create a collaborative space where students can engage in hands-on learning, develop leadership skills, and serve as a student advisory group to test and refine lessons for circulation to their peers across multiple schools. NOTE: Please bring any snacks or drinks you will require. These will not be provided by YRTS.

Objectives:

- The STEAM Innovators Alliance aims to foster a sense of community among high school students who share a common interest in STEAM fields, including entrepreneurship. Through collaborative learning experiences, members will explore the interdisciplinary connections between science, technology, engineering, arts, mathematics, and entrepreneurship.

- The club will provide a platform for students to develop leadership skills by taking on roles such as project leaders, mentors, facilitators, and budding entrepreneurs.

- Members of the STEAM Innovators Alliance will actively contribute to the development and improvement of STEAM curriculum and lessons, with a particular focus on integrating entrepreneurial concepts and practices. By providing valuable feedback, insights, and suggestions, students will play a crucial role in shaping the entrepreneurial learning experiences of their peers.

- The STEAM Innovators Alliance will facilitate collaboration among students from different schools, promoting a diverse exchange of ideas and perspectives in both STEAM and entrepreneurship. This interconnected network will enrich the learning experience and create a supportive community of STEAM and entrepreneurship enthusiasts.

Join the STEAM Innovators Alliance and become part of a community that not only explores the exciting world of STEAM and entrepreneurship but also actively contributes to the advancement of STEAM education for high school students across multiple schools. Together, let's innovate, inspire, and lead the way in shaping the future of STEAM and entrepreneurship education!

Outcomes:

1. **Enhanced Interdisciplinary Understanding:** Students will develop a deeper understanding of the interconnectedness between STEAM disciplines and entrepreneurship, recognizing the value of cross-disciplinary thinking in problem-solving and innovation.

2. **Leadership Development:** Members will hone their leadership skills through various roles within the club, such as project leaders, mentors, facilitators, and aspiring entrepreneurs, gaining valuable experience in team management, communication, and decision-making.

3. **Entrepreneurial Mindset:** Participation in entrepreneurial activities and discussions will cultivate an entrepreneurial mindset among students, fostering creativity, resilience, and an appetite for taking calculated risks in pursuit of innovative solutions.

4. **Contribution to Curriculum Development:** By actively contributing to the refinement of STEAM curriculum and lessons, students will develop a sense of ownership over their

learning experiences and gain insight into the iterative process of educational design and implementation.

5. **Networking Opportunities:** Collaborating with peers from different schools will expand students' networks, exposing them to diverse perspectives and potential future collaborators in both STEAM and entrepreneurship endeavors.

6. **Real-World Application:** Through hands-on projects and challenges, students will apply their STEAM knowledge and entrepreneurial skills to real-world problems, gaining practical experience and confidence in their abilities to effect meaningful change.

7. **Community Engagement:** The establishment of a supportive community of STEAM and entrepreneurship enthusiasts will provide students with opportunities for mutual support, inspiration, and collaboration beyond the confines of the club, fostering a culture of innovation and progress within their broader communities.

8. **Long-Term Impact:** Graduates of the STEAM Innovators Alliance will be equipped with the skills, mindset, and networks necessary to pursue further studies or careers in STEAM fields, entrepreneurship, or any other path they choose, poised to make significant contributions to society and the global economy.