PHYSICS AND STEM

Duration: Semester Unit

DESCRIPTION

Explore the world of Physics by completing projects that will incorporate and develop your skills in Science, Technology, Engineering and Mathematics (STEM). Through a combination of theory- and project-based learning you will explore topics that may include electricity, robotics and the science of movement.

This unit aims to equip students with the pre-requisite knowledge required to complete VCE Physics, VCE Design Technology and VCE Systems Engineering subjects. Completion of this subject will also equip you with valuable skills should you wish to enter trades such as Electrical or Construction.

VICTORIAN CURRICULUM FOCUS

PHYSICS

- Electric circuits
- Motion and movement
- Laws of Physics

DESIGN TECHNOLOGY:

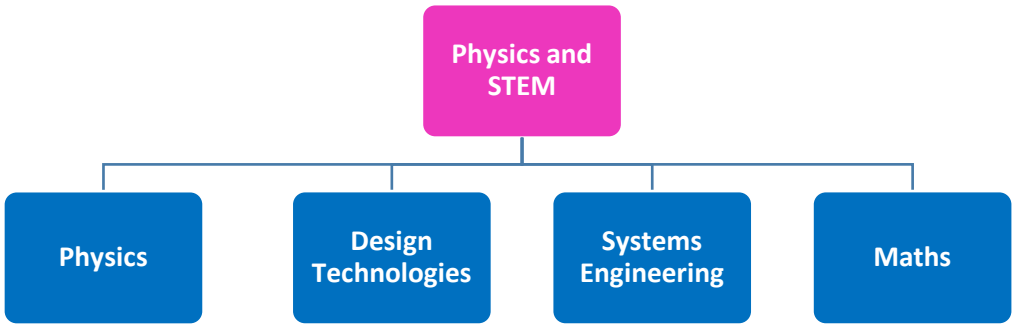
- The Design Thinking Process
- Robotics

SUBJECT REQUIREMENTS

- iPad/Laptop
- Possible excursion (cost may be involved)

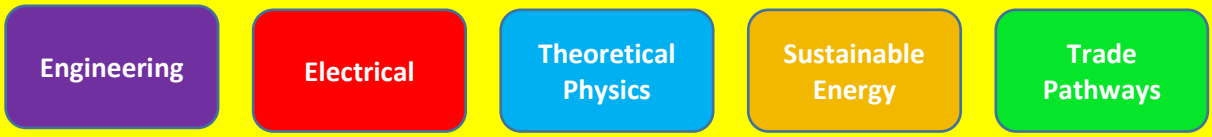
POTENTIAL PATHWAYS

(Subject to course availability)



YEAR 10

VCE / VCAL / VET



FURTHER STUDY/ POSSIBLE CAREERS