

# ŌTOROHANGA COLLEGE

## WEEKLY HIGHLIGHTS

Semester One, Week Sixteen - Monday 29th May - Friday 2nd June 2023

### SCIENCE SPINNERS

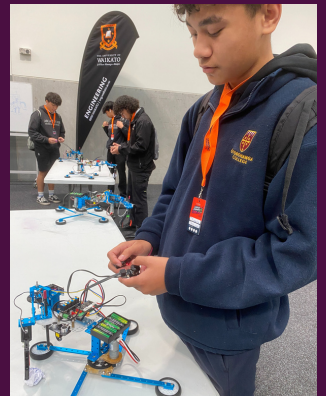
On Tuesday a group of Year 10 students attended Science Spinners - Creative Lab in Hamilton. It was a fabulous day of hands-on STEM (Science, Technology, Engineering and Maths) careers experiences. Students experienced:

- being inside a computer algorithm
- town planning
- operating a robotic arm
- taste testing and scientifically testing honey
- making popcorn and ice cream
- how to plant to reduce farming runoff into waterways
- looking at microbes that inhabit water
- how to design and build a strong and stable structure.

On Thursday it was the turn of the Year 11s to attend Science Spinners - STEM Hub. This was a step up with presenters exploring roles and concepts in greater detail. These students experienced:

- what a mechanical, civil and electrical engineer does
- how a person is kept alive when they require open heart surgery
- all the different roles that are required to successfully generate and distribute electricity

Both days enabled taura to learn about a variety of careers in a fun and hands on way.



Empowering learners to succeed



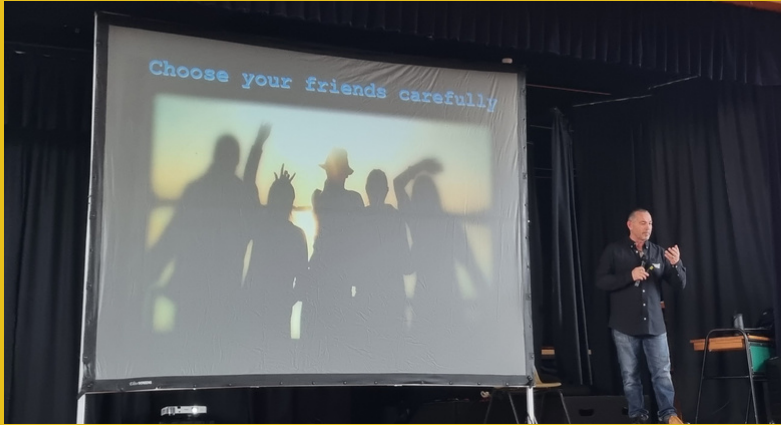


## AMPED4LIFE

On Tuesday all students had the opportunity to hear Pat Buckley share the personal experiences of his life, which led to him being a spokesperson for Amped4Life.

Some of the stories he told were both shocking and sad, the aim was for our students to make good choices in the future.

Amped4Life presentations help students develop skills and gain insights to help them avoid the pitfalls and issues with alcohol and other drugs and commit to a healthy lifestyle.



## TEAMWORK

This week during lunchtime it was great to see a wide range of students from all year levels getting involved in a student led game of volleyball.

We also got some snapshots of a junior class at PE working together to win the ultimate relay race. The Gym was filled with laughter and excellent competition. Well done to the winners Roman, Mia, Oliver Kirsten and Wairingiringi.



## TECHNOLOGY

### Hospitality

This week saw the very first Cafe B3 spring into action with the senior Hospitality students. They were able to practice making Barista style coffees and a tasty baked item for members of staff to purchase.

### Digital Technology

This term in the Digital Technologies room, our Building Bots students have constructed mBot kits and now have working drive robots. For their current project, they are now coding and programming their newly built mBots to drive and navigate through a mock Mars landscape, and perform some similar functions that a large Mars Rover version executes.



# Empowering learners to succeed