

Summary of Learning

Report by: Desire'e Andrews-Upperton

Course Title: Creating a passion for Science and Technology student challenge	<u>Presenter:</u> NZ Vex Robotics Te Rā: - Rapare 7 o Whiringa-a-nuku 2010 Te Wā: - 11:15am
<u>Key Points:</u> Students plan, design, build and develop their creations for robotic competitions. Materials which cannot be sourced within the country can be sourced from the USA, country of origin to 'The Robotics competition' This competition project has been available within NZ for the past 2 ½ years. A Lynfield College student from Auckland currently is the Robotics World champion he is accompanied by two other students one which is homeschooled. Unfortunately, schools have limited funding to support their students and funding is sourced either by way of sponsorship or running the well known sausage sizzle.	<u>Relevance to teachers:</u> A brilliant competition designed to stimulate, engage and develop student imagination through the medium of Technology. A great resource which at the moment is directed more toward the Secondary student.
<u>Summary:</u> A great challenge for students who love to design and build for a purpose of challenge. Today we witnessed 5 groups who had been	Suggestions/Strategies to implement in the classroom This would be great as an additional extra curricular activity for student

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given the challenge to design, create and build within a given time frame of 4 weeks. After which they would compete and complete their challenge which consisted of a corden area with obstacles in it. Students then had to lift plastic rings from one position and place in another within a set time frame.

Exciting as points are gained as each game is played and completed. It is really exciting also to note that 1 out of 5 groups were female.

Taitamāhine Toa!

be challenged by.

Downside would be costs.

NZ Vex Robotics are able to do school workshops which is the foundation to the project.