The ultimate goal is…

"to transform the culture of education and organizations with a richer conception of human creativity and intelligence."

- Sir Ken Robinson

Sir Ken Robinson *works with governments, education systems, international agencies, global corporations and some of the world's leading cultural organizations to unlock the creative energy of people and organizations. He has led national and international projects on creative and cultural education in the UK, Europe, Australia, Asia and the United States. Visit blog: http://sirkenrobinson.com/about/*

This week, Ms. Heard (Year 6 Teacher / Technologies support) and Heather (T.A and Library/Makerspace support) attended the Future Schools two day conference and expo in Melbourne.

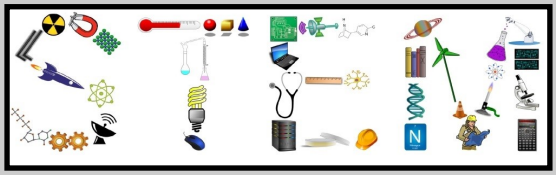
This Expo brought together world-leading education experts delivering thought-inspiring leadership in STEM and practical case-studies across K-12 education; helping to improve quality tasks for learning across Australasia and Asia-Pacific schools.

Katie and Heather have returned from their professional development with more inspiration and excitement for our school and community. Their experiences will help to guide and further enhance the quality design of learning tasks that will prepare our students for continued future successes. We aim to ensure we build on all students becoming creative and critical problem solvers in our vastly developing 21st century learning. The next educational revolution is here!

Eddie Woo is a maths teacher and enthusiast who flips his classroom for optimal levels of success for all. Check his maths lessons out on youtube.

https://www.youtube.com/watch?v=SjIHB8WzJek

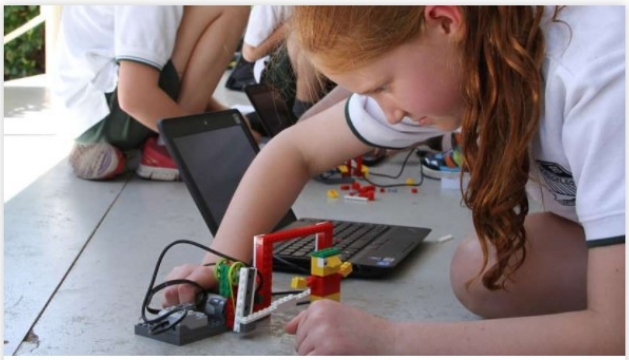
Guest Speaker: Eddie Woo



Technologies

Understand how Technologies works

Design and Technologies



Digital Technologies

Tasmanian Government STEM

DEPARTMENT OF EDUCATION learners first

S T E M
Science · Technology · Engineering · Math

An introduction to STEM

In Tasmanian Government schools, Science, Technology, Engineering and Mathematics (shortened to '**STEM**') education is defined as a planned, intentional, interdisciplinary[1] approach to teaching and learning.

STEM approaches highlight connections between the learning areas of Science, Mathematics and Technologies (which can include engineering) and the broad capabilities and dispositions learners will need in a rapidly changing world.

Education has a moral imperative to prepare learners for an increasingly globalised world in which technology is dramatically altering the nature of work and daily life. In this complex environment, connecting knowledge and skills across discipline areas is vital.

[1] Interdisciplinary approaches to curriculum blend the content and key ideas from the respective subjects in the *Australian Curriculum* to address a problem or challenge. The areas are drawn upon in planning through a backward design process (e.g. Wiggins and McTighe, 2004)