



MATHEMATICS *Pathways for* SUCCESS

QAMT State Conference 2021

Saturday 26th and Sunday 27th June Southport State High School

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face to face
and virtual
conference
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Keynote Speakers

Opening Keynote
Professor Merrilyn Goos
University of Limerick



Bill Simpson Plenary
Closing Address
Joel Speranza



Meet your presenter

Cran Middlecoat
Pilot and Drone controller
It's Rocket Science Adventures

Born in Brisbane, Cran has had a lifelong obsession with all things aerospace. Being a pilot since the age of 16, his career has taken him from flying clinic runs for the Royal Flying Doctor Service in outback Australia, to being qualified on multiple commercial jet airliner types. Cran currently flies the Boeing 787 Dreamliner with one of Australia's leading international airlines.

Cran is also a qualified Unmanned Aerial Vehicle (UAV) controller, being one of the first in Australia to be granted Chief Pilot approval by the Civil Aviation Safety Authority.

This position involved overseeing and facilitating a basic drone controller training program for Brisbane high school students. Another keen interest shared jointly with his sons is rocketry.

During Australia's first International Model Rocketry meet in 2015, Cran witnessed how engaging rocketry was for children of all ages and developed It's Rocket Science Adventures to promote the significant educational benefits that the science of rocketry and flight could offer all school students across multiple subjects.

With his love of public speaking and passion for aero-science, it is Cran's desire to inspire the aerospace professionals of tomorrow with the ways that technology can be used to enhance its teaching.

My Cockpit to Your classroom

Does practice actually make perfect? Does perfection even exist? What does practice achieve? 27 years and nearly 9000 flight hours in the cockpit forced pilot Cran Middlecoat to seriously reconsider the widely accepted answers to these questions. Today, society uses the word 'perfection' as the starting point to determine success. Is this really the case? Is it a healthy approach to learning for your students?

In 'My Cockpit to your Classroom', Cran uses real world experiences from his own flight deck, as well as examples from NASA, SpaceX and more to expose the myths about failure. He demonstrates how failure can be used as a powerful tool for students and teachers alike to achieve positive outcomes.

In this session, you'll discover techniques to reignite your students' imaginations, inspire STEM learning (without a screen), learn how to embrace failure, the true meaning of perfection and more.

Audience

- Primary
- Junior Secondary
- Senior Secondary
- Tertiary

Presentation mode



Registrations opening soon!
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