



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
that has it
all!

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Keynote Speakers

Opening Keynote
Professor Merrilyn Goos
University of Limerick



Bill Simpson Plenary
Closing Address
Joel Speranza

Meet your presenter

Dr Calvin Irons



Audience

- Primary
- Junior Secondary

Presentation mode



Dr Calvin Irons has been involved in mathematics education for over 50 years as a primary teacher, university lecturer (QUT), researcher, writer/author (published by ORIGO Education), public speaker and workshop presenter. Calvin has conducted numerous professional development activities nationally and internationally. He is a prolific writer, having written nearly 700 books and articles. His books have won numerous publishing awards from organisations such as the Australian Publishing Association and the National Science Foundation (USA). His most recent work has been the development of curriculum materials in mathematics to develop computational thinking.

Why are algorithms linked to computational thinking in the revision of the Australian Curriculum: Mathematics? *

Computational Thinking is recognized as a prerequisite to coding and computer science in general. It begins with a search for patterns and culminates in the creation of an algorithm or the code for a computer to follow. As such, computational thinking is a much needed skill for the jobs of today and the future - and for life in general. This is why it has been added to several strands of Years 3-10 of the revised Australian Curriculum: Mathematics.

This session will examine the four recognized key aspects of computational thinking as they relate to primary school mathematics and demonstrate these using practical classroom activities. * Co-presented with James Burnett

Registrations open now!

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