

QAMT State Conference 2021



MATHEMATICS
Pathways for
SUCCESS



Annual Sponsor of QAMT

Sponsors



Platinum sponsor of the QAMT 2021 state conference

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

Love Mathematics?
Love Teaching?
Love Research? So do we!

Registrations open ! Visit <https://qamt.qld.edu.au/>

PRIMARY Face to Face Presenters



Dr Harry Kanasa
Griffith University
Exploring two mathematical inquiries: The pile of coins or the car ? and the Towers of Hanoi



Louisa Lowe AVT
Secondary Teachers
Differentiation is not for the Faint Hearted



Leah O'Neill
Back-to-Front Mathematics
Improving Students' Retention of Concepts: practical strategies backed by research



Cran Middlecoat
It's Rocket Science Adventures
My Cockpit to Your Classroom



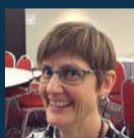
Peter Abt
Palmview State School
Augmented Reality in Maths



Professor Peter Grootenboer
Griffith University
Leading Mathematics Learning



DoE STEM - Paulina Slidrecht and Linda Carroll
M n STEM: Effective evidence-based pedagogies for your mathematics classroom



Brenda Kettle
QCAA
Strengthening decimal number sense



Michael Minas
Creator 'Love Maths'
(1) Differentiation through problem solving
(2) Reasoning: More than "Can you explain your thinking?"



Allison Beeforth
Mathscraft
Doing Maths like a Mathematician



Gerard Tuffield
Matific
Matific: Developing Thinkers not calculators



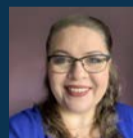
Julie McCann
Modern Teaching Aids
ST Maths



Jacqueline Clarke
Essential Assessment
Know and grow your students using Essential Assessment



Monique Russell
DoE Qld
The draft P-10 Numeracy continuum - State Schools exciting new initiative



Michelle Davis
Brilliant Brains Coaching
Modelling growth mindset in the Classroom



Rex Boggs
Retired HOD Mathematics
Ten Top Tips To Transform Teaching



Kirsty Morrison
QCAA
Consultation of the Reviewed Australian Curriculum: Mathematics



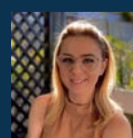
Dr Calvin Irons and James Burnett
ORIGO EDUCATION
Why are algorithms linked to computational thinking in the revision of the Australian Curriculum?



Dr John West
Education consultant
Maths 300



Jim Lowe
(1) Thinking and Learning
(2) Pathways to Polygons



Bec Burtenshaw
Maths Pathway
Success metrics: do the measures match our learning values?



Monique Russell
Primary Teacher
Engaging Differentiated and easy to implement enquiries for Prep (yes Prep!) to year 6

Keynote Speakers



Keynote
Professor Merrilyn Goos
University of Limerick
Working with Teachers to Develop Numeracy Across the Curriculum



Bill Simpson Plenary Closing Address
Joel Speranza
How not to answer that question

PRIMARY Virtual Presenters



Melissa Fanshawe
University of Southern Queensland
Accessible Mathematics for Students with Visual Impairments (Primary and Middle Years)



Dr Paul Leopardi
Australian National University
Applications of equal area partitions of the sphere



Bronwyn Cochrane
CEO and Founder TIPIAC (Teaching Indigenous Perspectives in the Australian Curriculum)
"Embedding Authentic Aboriginal and Torres Strait Islander Perspectives into Numeracy Lesson (K-6)



Dr Caty Morris
Curriculum Specialist, Aboriginal and Torres Strait Islander Education, ACARA
Indigenous Perspectives in the Mathematics Curriculum: Improving Learning Outcomes of Aboriginal and Torres Strait Islander Learners



Rachael Whitney-Smith
Mathematics curriculum specialist ACARA
Australian Curriculum: Mathematics Review - What has changed and why!



Paul Bowyer
Mathematical calendar creator and teacher
Using the date to teach Mathematics