QAMT State Conference 2026 – Virtual Day – Fri 26 June 2026 The Power of Numbers: Teaching beyond the mean

Time	Room 1 (Snr secondary)	Room 2 (Primary and Jnr Secondary)	Room 3 (All years)
8:15	Log in and check connections		
8:30-8:45	Welcome and housekeeping (Room 1A)		
8:45 -9:30	**Welcome Keynote – Probability through Risk**. Emeritus Professors Ramesh Kapadia and Manfred Borovcnik, University College, London and University of Kalgenfut (Room 1A)		
9:30-10:25	Room 1A	Room 2	Room 3
	Mathspace - TBC	**Play as a Pedagogy in Mathematics** Emma Bird, St Paul's Lutheran Primary School	**Moving beyond fluency: Embedding problem solving into classroom practice in the middle years to support future mathematical success.** Amanda Mathewson, Boonah State High School
10:30-11:25	Room 1A	Room 2	Room 3
	Statistics with Desmos Ryan Linneman, Linneman.AU	Monique Russell QAMT	**Free financial literacy courses, micro-credentials, videos and games** Damian Nicholson Financial Basics Foundations
11:30-12pm	Break 1		
12-12:55	Room 1 A	Room 2	Room 3
	David Tynan, Texas Instruments (Michael Elligham – back up)	**Build a Positive Mindset towards Mathematics** Sue Carter, Maths in Schools	**Overcoming Textbook Trauma: Essential Strategies** Miriam Lili, Kingsley College
1 – 1:55	Room 1 A	Room 2	Room 3
	Methods and Specialist 2025 Paper 2 Joe Ousby, Full Spectrum Education	**The Power of statistical investigation (P-6)** Sally Birks, QCAA	TBC Allan Dougan, AAMT
2:00-2:30	Break 2		
2:30-3:25	Room 1 A	Room 2	Room 3
	Managing the Transition: Teaching with Casio fx-1AU GRAPH and fx-CG50AU Steven Gill, Faith Christian School of Distance Ed + Casio Education	**Scaffolding in the Upper Primary Years** Michael Nelson, Gordon Primary School	**The Power of statistical investigation (7-10)** Sally Birks, QCAA
3:30-3:45	Closing and thanks (Room 1A)		

Draft Program – accurate as of 06/5/26

Presenter	Presentation Title	Presentation Abstract	Audience
Emeritus Professors Ramesh Kapadia and Manfred Borovcnik, University College, London and University of Kalgenfut	Welcome Keynote – Probability through Risk.	Probability became part of the school curriculum late in the last century. This workshop presents the teaching of probability through the lens of risk, which is deeply connected to real-life decisions involving uncertainty, starting with subjectivist ideas. Paradoxes are presented as a practical approach to develop intuitive understanding in pupils.	All years
Damian Nicholson, Financial Basics Foundations	Free financial literacy courses, micro-credentials, videos and games	How do we make financial mathematics meaningful for students? This session highlights free, Australian Curriculum-mapped resources including Cashed Up micro-credential courses, the award-winning ESSI Money game, and the MoneyIQ animated video series. Equip your classroom with engaging tools that build both mathematical understanding and lifelong financial capability.	Year 7-12+
Michael Nelson, Gordon Primary School	Scaffolding in the Upper Primary Years	Supporting students in the upper years is difficult. This workshop gives practical, hands-on approaches to help students with place value, multiplication, addition and fractions and decimals using a range of scaffolds.	Year 3-6
Sue Carter, Maths in Schools	Build a Positive Mindset towards Mathematics	Mindsets can play a powerful role in both the teaching and learning of Mathematics. In this session we will explore strategies and games that can promote positive mindsets that will enhance learning across all strands of Mathematics. What's your mindset?	Year 3-6
Sally Birks and Libby Foley, QCAA	The Power of statistical investigation (P-6 and 7-10)	Statistics tell stories and help to make sense of the world – they provide a means to support or question claims, explore patterns in data, and make informed decisions. In the Australian Curriculum v9.0: Mathematics, the mathematical process of statistical investigation supports students to explore data arising from observations, surveys or experiments. In this interactive session, participants will engage in hands-on activities and discussion to explore how statistical investigation develops across year levels, and examine practical approaches to planning and assessment that support meaningful data inquiry in the classroom.	Years 3-9
Steven Gill, Faith Christian School of Distance Ed + Casio Education	Managing the Transition: Teaching with Casio fx-1AU GRAPH and fx-CG50AU	This workshop helps teachers confidently run lessons when students use different Casio graphing calculators. It explains the key differences between the fx-1AU GRAPH and fx-CG50AU and shows how to give instructions that work for both. The focus is on keeping lessons clear, reducing confusion, and keeping attention on the maths rather than the device.	Years 10-12

Emma Bird, St Paul's Lutheran Primary School	Play as a Pedagogy in Mathematics	Play helps children learn maths by giving them fun, hands-on ways to explore ideas and practise skills. When teachers use play in maths, students become more confident, enjoy learning, and understand mathematical concepts better. Come to this session to learn more about play as a pedagogy in Mathematics.	P- Year 2
Miriam Lili, Kingsley College	Overcoming Textbook Trauma: Essential Strategies	As mathematics becomes increasingly abstract in junior high school, textbooks can be experienced by students as an overwhelming mass of symbols and text. This workshop outlines an intervention strategy for Years 9–12 that includes a Years 9–10 elective class and the use of adult learning materials and Tierney Kennedy's Interleaved Maths. By reducing mathematics anxiety while simultaneously fostering student agency and confidence, the aim is for students to successfully complete senior Essential Mathematics.	Years 7-12
Ryan Linneman, Linneman.AU	Statistics with Desmos	When you think of Desmos, you probably think of graphs, not statistics. This presentation aims to change that (a little bit). I want to help you explore how you can use Desmos to enrich your teaching of the statistics strand of ACARA v9 and enhance your students' learning.	Years 7-10
Amanda Mathewson, Boonah State High School	Moving beyond fluency: Embedding problem solving into classroom practice in the middle years to support future mathematical success.	This presentation explores how teachers can move beyond fluency by embedding explicit problem-solving strategies into everyday classroom practice in the middle years. It will outline a school-wide approach to developing students' mathematical thinking, including the explicit teaching of problem-solving strategies and structured opportunities for inquiry. Practical classroom examples will be shared to demonstrate how these approaches support deeper reasoning and better prepare students for success in senior mathematics.	Years 7-9
Joe Ousby, Full Spectrum Education	Methods and Specialist 2025 Paper 2	A workshop on Tech Active responses to External Examination questions in Mathematical Methods and Specialist Mathematics in Queensland. It addresses what to write in the response booklet and what to do on the TI84+CE, the TIN-spire and the Casio fxcg50 calculators. The presentation is informed by past External Assessment Marking Guides, the 2025 syllabus and a cross section of textbooks.	Methods and Specialist
Allan Dougan, CEO AAMT			All
Mark Ellingham	Using AI with formative assessment		General and Essential