



THE MATHEMATICAL
ASSOCIATION OF VICTORIA



2022 Primary Mathematics Education Conference

Join us for
either or
both days

The Mathematical Association of Victoria (MAV) in collaboration with the Melbourne Graduate School of Education's Mathematics, Science, and Technology Education Group (MSTEG) present a conference focusing on primary school mathematics education.

QUALITY TEACHING

Evidence shows that quality teaching including teacher capability and confidence are key to student learning success. Quality teaching requires many things for educators to be at their best. These include developing personal attributes such as resilience, self-efficacy, and a willingness to learn. Leading educators also require strong content knowledge, and a deep understanding of pedagogy relevant to student cohorts at various levels from early to upper primary.

Excellence in teaching and learning also requires educators to build practice excellence using evidence to measure effectiveness and impact. Join us to develop your own capability and confidence as a mathematics educator and leader, exploring evidence for quality teaching, as we arm you with the tools and knowledge to provide the best student learning experience and outcomes.

Day 1: For Leaders

Thursday 9 June, 2022

For current and emerging mathematics and numeracy leaders, and system leaders in primary schools.

Themes include:

- Understanding the attributes of quality teaching.
- Exploring aspects of quality learning environments such as engagement, high expectations and student self-regulation.
- Leading improvement and change to develop teacher capability and confidence.
- Developing an evidence-based approach to mathematics leadership including leading professional learning teams
- Using assessment and data to drive quality.
- Understanding my personal attributes and developing myself as a mathematics leader.

Day 2: For Teachers

Friday 10 June, 2022

For primary teachers regardless of experience. Sessions build confidence and develop professional ability as a mathematics educator in a supportive, hands-on environment.

Themes include:

- Understanding the attributes of quality teaching and resources.
- Using high impact teaching strategies to maximise student outcomes.
- Developing content and pedagogical content knowledge.
- Creating a quality student learning environment including engagement, high expectations and student self-regulation.
- Using assessment to understand learning progression.
- Developing quality teaching through professional learning teams.
- Understanding my personal attributes and developing myself as a professional educator.

<https://www.mav.vic.edu.au/Conference/2022-Primary-Mathematics-Conference>

Major sponsor



Education
and Training

Sponsors



Day 1: For Leaders

Thursday 9 June, 2022

What primary leaders said about the primary conference.....

'Great combination of philosophy, theory and practice!'
'Excellent presenters who provide outstanding resources and willingly share their knowledge.'

Join us to explore mathematics leadership.
 Sessions will provide practical advice to lead change in your own school context.

Session	Presenters	Title
Welcome and Keynote 1 9am–10.15am	Ryan Dunn	A: Leading the development of teaching expertise Keynote sponsor: <div style="display: flex; justify-content: space-around; align-items: center;">   <div style="font-size: small;">Education and Training</div> </div>
Break: 10.15am–10.45am		
Workshop rotation 1 10.50am–11.50am	Kate Copping	B1: Conceptions of primary mathematics leadership
	Ellen Corovic	B2: Sequencing mathematics lessons
	Paul Staniscia	B3: HIT in the spotlight - setting goals
	Michael Minas	B4: Launch, explore and summarise - tips for implementing a new instructional model
	Martin Holt	B5: Implementing a whole-school strategy for building teaching capacity in maths
	Angela Rogers	B6: Developing a comprehensive numeracy assessment schedule from F-6
Workshop rotation 2 11.55am–12.55pm	Wee Tiong Seah	C1: Mastery or inquiry approaches? Might there be a feasible middle way?
	Pauline Thompson	C2: Leading for impact
	Brooke Brennan	C3: Belief drives behaviour - Building whole school data processes that guarantee buy in
	Jen Bowden	C4: What type of leader are you? Are you on the dance floor or watching from the balcony?
	Ellen Corovic	C5: Structured planning guidance to leverage teacher practice change
	Sarah Buckley, Kate Reid and Cath Pearn	C6: Addressing maths anxiety in primary teaching
Lunch and networking: 12.55pm–1.45pm		
Workshop rotation 3 1.45pm–2.45pm	Cath Pearn	D1: Assessing students' mathematical skills, knowledge and understanding
	Michael Minas	D2: Reasoning: more than 'can you explain your thinking?'
	Di Liddell	D3: Introducing numeracy into the early years
	Kate Copping	D4: Developing consistent language approaches for mathematics
	Angela Rogers	D5: Developing a numeracy scope and sequence: the what and how
Keynote 2 2.50pm–3.50pm	Paul Staniscia	E1: Quality Leadership: more than a roadmap to improvement and change Keynote sponsor: <div style="display: flex; align-items: center;">  </div>
F: Happy hour: 3.50pm – 4.30pm Join us for chat, to network and debrief. Bring your questions.		

- In collaboration with the Melbourne Graduate School of Education, the University of Melbourne
- Hand-picked program of high-quality presenters.
- Learn from leaders with practical and educational research experience.

Day 2: For Teachers

Friday 10 June, 2022

Build confidence and develop professional ability as a mathematics educator in a supportive, hands-on environment.

What educators said about the teachers day....

'The conference provided an excellent forum to learn about and discuss current research-based information. It provided a range of workshops led by knowledgeable and approachable presenters. I was able to walk away excited about sharing some new ideas and resources with colleagues.'

Session	Presenters	Title
Welcome and Keynote 1 9am–10.15am	Sara McKee	A: Quality teaching and learning in the mathematics classroom <i>Keynote sponsor:</i> 
Break: 10.15am–10.45am		
Workshop rotation 1 10.50am–11.50am	Cath Pearn	B1: Identifying and addressing common fraction misconceptions
	Roger Wander	B2: Lockdown treasures: e-resources for extending mathematical thinking in the primary classroom
	Eamon Light	B3: Developing mathematical thinkers through real life contexts
	Jen Bowden and Paul Swan	B4: Getting your fix of Unifix
	Danijela Draskovic and Nathan Alison	B5: Creative coding challenges that will get your students chatting!
	Rachel Pollitt and Rhiannon Rowe	B6: An approach to mathematics pedagogy and curriculum for 3 – 8-year-old children
Workshop rotation 2 11.55am–12.55pm	Derek Holton	C1: Emojis and number towers
	Kate Copping	C2: Team planning
	Aylie Davidson	C3: Planning lessons for student-centered structured inquiry in mathematics
	Judy Gregg and Carmel Delahunty	C4: Productive mathematical chatter: How to improve mathematical discourse to enhance reasoning skills
	Em O'Halloran and Nick Devereux	C5: Shoot and Score: engaging students through sport and STEM
	Siew Chin Ng	C6: Adapting garden-based scaffolding strategies for numeracy activities in early childhood classrooms
Lunch and networking: 12.55pm–1.45pm		
Workshop rotation 3 1.45pm–2.45pm	Cath Pearn	D1: Developing relational thinking: the importance of the equals sign
	Jen Bowden	D2: A picture tells...
	Andrea O'Connor	D3: Differentiation: extending mathematics to all
	Catherine Epstein/Rodgers	D4: Self efficacy and mathematics
	Eamon Light	D5: Don't put all your eggs in one basket!
Keynote 2 2.50pm–3.50pm	Sara McKee Aylie Davidson Angela Rogers Wee Tiong Seah	E1: Panel: What is quality mathematics teaching? <i>Keynote sponsor:</i> 
F: Happy hour: 3.50pm – 4.30pm Join us for chat, to network and debrief. Bring your questions.		

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2022 Primary Mathematics Education Conference

Dates

Thursday 9 June 2022

For Leaders

Friday 10 June 2022

For Teachers

Venue

Melbourne Graduate School of Education,
at the University of Melbourne, or virtual if required.

Time

9am–4.30pm

Cost

Registration for MAV member (20% discount): \$245 per day

Non-member: \$294 per day

Contact

For information about bookings email Peter Saffin:
psaffin@mav.vic.edu.au.

Registrations close on Friday 3 June, 2022.

MAV Member registration (20% discount): \$245 per day

Non-member: \$294 per day

Special MAV membership offer

To receive the member rate, you must first be a MAV member. If you are not a MAV member and wish to attend this conference, you can join the MAV (small school discount also available). Alternatively, join as an individual member.

Contact mgreen@mavvic.edu.au to redeem this offer **prior** to completing your conference registration.

REGISTER NOW

Numbers are strictly limited, book at www.mav.vic.edu.au/Conference/2022-Primary-Mathematics-Conference or the MAV events page: www.mav.vic.edu.au/events and select the day(s) that you wish to attend.

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