

# UNLOCKING MATHEMATICAL POTENTIAL

## INNOVATIVE APPROACHES TO ENGAGING MATHEMATICS PEDAGOGY REGIONAL TOUR

**Date:** Friday 8 March 2024

**Venue:** Leongatha Primary School, 115 Nerrena Road, Leongatha

**Cost:** \$250 members, \$300 non-members

**Registration is essential:** [www.mav.vic.edu.au/events](http://www.mav.vic.edu.au/events)

This regional conference aims to explore and showcase innovative approaches to mathematics pedagogy that effectively engage students and unlock their mathematical potential. It will provide a platform for educators, researchers, and practitioners to share and discuss strategies, methodologies, and resources that promote active learning, critical thinking, and problem-solving skills in mathematics education.

The conference will also focus on incorporating technology, real-world applications, and interdisciplinary connections to enhance the relevance and engagement of mathematics instruction. Participants will have the opportunity to attend keynote speeches, interactive workshops and collaborative discussions, all aimed at fostering a vibrant community dedicated to advancing effective and engaging mathematics pedagogy. Together, we will uncover new perspectives, insights, and practices that inspire both students and educators in the world of mathematics.

## LEARN ABOUT:

### **Innovative and engaging mathematics pedagogy: What does that look like in the classroom?**

Dr Ange Rogers will explore the ideas of innovation and engagement within the primary mathematics classroom. Current research and approaches will be explored including the importance of using quality assessment, explicit instruction, exploration of vocabulary, retrieval practice and targeted teaching. Each will be unpacked through the lens of innovation and engagement. Ange will share practical classroom-ready ideas as well as provocations to make you consider how your own practice and pedagogy can be 'tweaked' to ensure the most effective conditions for all students.

Other workshops include:

- Unleashing the power of anticipation and spotlighting for Years F- 4 and 5-10
- Playful maths to combat anxiety
- Thoughtful implementation for Years F -4 and 5-10
- Low-floor high-ceiling game and activities



### **Speakers include**

- Dr Angela Rogers, Numeracy Teachers Academy
- Andrew Lorimer Derham, Think Square
- Danijela Draskovic, MAV
- Di Liddell, MAV