



HELD IN TOWNSVILLE THIS MONTH:

PRIMARY MATHS - EDUCATOR EVENT

Queensland Association of Mathematics Teachers (QAMT)

State Conference 2023 - **Townsville Satellite Event**

Friday June 23 (online) + **Saturday June 24** (held at James Cook University)

*An opportunity to meet with other educators to explore strategies and tools for teaching mathematics. How can we **engage** students, AND build **curiosity** and **resilience** in the maths classroom? Includes:*

- ✓ Catering and drinks, giveaways and networking opportunities
- ✓ Access to all speakers on the day (Saturday) + access to the Virtual day (Friday) and recorded sessions
- ✓ 5 hours of Professional Development (13 hours if participants register for both days)

🌐 Go to qamt.qld.edu.au/events-calendar/ to learn more and to

REGISTER NOW

Are you in the Townsville region?
Connect with your local QAMT
branch!



Townsville

Additional queries:
grace.jefferson@jcu.edu.au



SCAN ME





Program of events

Schedule for the day includes:

- **Key-Note speaker Professor Amie Albrecht** *Getting problem-solving right!* LIVE streamed from Brisbane QAMT
- **Adam Spencer** *LIVE in-conversation* (ZOOM)
- **Two parallel streams of presenters on the day** – streams for **junior/middle school** and **senior secondary** (40-45 minutes for each presentation or workshop)
- **Catered morning tea, lunch and after conference drinks and canapes**
- **Digital satchels for attendees and showbags** (QAMT, JCU and publisher merchandise)

Time		
8:15 – 8:45am	Arrival and Registration Day 1 F2F	
Welcome	Welcome and acknowledgement of sponsors.	
8:45am – 9:00am	Acknowledgement of Country	
Keynote	Keynote Speaker: Professor Amie Albrecht	
9:00am – 9:55am	<i>Getting problem-solving right! (Livestream from Brisbane)</i>	
Session 1	Primary/Middle School	Senior secondary
10:00am – 10:40 am		
Session 2	Primary/Middle School	Senior secondary
10:45am – 11:25 am		
Break	Catered Lunch and Networking	
11:30am – 11:55pm		
Panel	Adam Spencer LIVE in-conversation:	
12:00pm – 1:00pm	A lifetime in nerdery!	
Session 3	Primary/Middle School	Senior secondary focus
1:05pm – 1:50pm		
Break	Catered afternoon tea	
1:55pm – 2:20pm		
Session 4	Primary/Middle School	Senior secondary focus
2:25pm-3:10pm		
3:15pm – 3:30pm	Wrap-Up, Thanks + Door prizes!	
From 3:30pm	Networking event Drinks and canapés with Tan-Lines Distillery	

Primary/Middle School Stream Speakers

Ms Samantha Negra - Primary teacher at Cranbrook State School and Mathematics lecturer at JCU

Reinvigorate your lesson resources and renew your content connections.

Forefront Kinaesthetic resources and Constructivist lessons to increase student engagement. Maximise learning, with Numeracy as the driver, delivering more opportunities to achieve fluency of concepts by connecting content.

Dr Grace Jefferson – JCU Mathematics Education lecturer, Secondary mathematics teacher

Patient problem-solving and opportunities for creative mathematical reasoning

We will explore the concepts of algorithmic reasoning and creative mathematically founded reasoning in the way we develop and deliver problem-solving tasks in our maths classrooms. This workshop will look to develop and modify problem-solving activities to cater to a range of learners through low floor/high ceiling design and identify opportunities to engage students' resilience through patient problem-solving.



Mrs Tierney Kennedy - Mathematics Consultant

Combating Algebra with post-it notes (Years 4-9)

What's with apples and bananas in maths? How do you have negative apples anyway? In this workshop we will use coloured post-it notes and pipe cleaners to teach combining like terms, substituting values, expanding, factorising and squares. Come along, play, and solve all your algebra problems.

Developing maths concepts with receipt roll (F-9)

In this workshop, we will explore using the Number Line strategy for developing numeracy capability through the use of flexible strategies. Teachers will explore how to use receipt roll to develop connections between a range of topics, including:

- Measurement: length (including perimeter), capacity and unit conversion
- Place Value and Money
- Addition and subtraction (including with integers)
- Conversion between fractions, decimals and percentage