

QAMT State Conference, Townsville Satellite Event

Queensland Association of Mathematics Teachers

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QAMT STATE CONFERENCE 2024

TOWNSVILLE

11 MAY 2024 | JAMES COOK UNIVERSITY, TOWNSVILLE

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Ignite your passion for mathematics education at the **2024 Queensland Association of Mathematics Teachers (QAMT) State Conference (Townsville Satellite event)**, proudly hosted in partnership with James Cook University and held on Saturday 11th May at the James Cook University Townsville Bebegu Yumba campus, Douglas, [Science Place](#) building.

Join fellow **primary, secondary and pre-service teachers** for an immersive experience designed to enrich your teaching practice through:

- A range of presentations and workshops for **primary, secondary and pre-service mathematics teachers** to develop practical classroom resources,
- In-person presentations from the **Queensland Curriculum and Assessment Authority (QCAA)** around the new curriculum and assessment,
- Learning about the Queensland Virtual STEM Academy and Maths Inquiry course from local educator and **Keynote Speaker Wendy Bode** (Thuringowa State High School) and her pioneering work in STEM education,
- Opportunities to **network** with your colleagues and gain valuable insights to transform your students' maths learning,
- Live access to the **QAMT State Conference Brisbane Virtual Day and resources** later in the year.

Schedule of events - 11th May 2024

Time	Venue: The Science Place (James Cook University)	
8:00 – 8:45am	Arrival and Registration - Foyer	
Welcome 8:30am – 9:00am	Welcome and Acknowledgement of Country Teachers Union Health Fund – Sponsor Presentation Room: 142 -111	
Keynote 9:00am – 9:50am	Keynote speaker: Wendy Bode (Deputy Principal, Virtual Learning, Queensland Department of Education, Thuringowa State High School) Queensland Virtual STEM Academy: Shaping the future of STEM education in Queensland through transformational collaboration and innovation. Room: 142 -111	
Session 1 10:00am – 10:40 am	Session 1 – Primary/Junior Secondary focus Dr Wili Suluma (James Cook University) – 40 mins Indigenous ways of knowing. <i>Prep – Year 6, Junior Secondary.</i> Room: 142-022	Session 1 and 2 – Senior Secondary focus Warren Richards and Robyn McNamara (QCAA) – 80 mins Curriculum and assessment in Senior mathematics: Essential, General, Methods and Specialist. <i>Year 10 – Year 12.</i> Room: 142 - 111
	Session 2 – Primary/ Junior Secondary focus Tierney Kennedy (Education Consultant and Author) – 40 mins Fluency games for primary school and junior secondary. <i>Primary and Junior Secondary.</i> Room: 142-023	
Break 11:30am – 11:55pm	Catered Lunch and Networking	
Session 3 12:00pm – 12:40pm	Session 3 – Primary focus Libby Foley (QCAA) – 40 mins Developing quality assessment: Creating questions using degree of difficulty. <i>Prep – Year 6.</i> Room: 142 - 111	Session 3 – Secondary focus John Eckersley (Retired Geotechnical Engineer) – 40 mins Stabilizing rockslides and boulders – an applied maths illustration. <i>Year 10 – Year 12.</i> Room: 142 - 023
	Session 4 – Primary focus Dr. Bryan Smith (James Cook University) – 40 mins Convict Math: Bringing a Numerate Approach to History Education. <i>Primary and Junior Secondary.</i> Room: 142 - 023	
Session 4 12:45pm – 1:25pm		Session 4 – Secondary focus Peter Fox (Texas Instruments) – 40 mins Acceleration: Transposing Time at the Expense of Breadth. Gifted, enrichment and extension session with sample problems and complete units of work. <i>Year 7 – Year 12.</i> Room: 142 - 022

<p>Session 5 1:30pm – 2:10pm</p>	<p>Session 5 – Primary focus</p> <p>Dr. Tamra Jones (James Cook University) - 40 mins Exploring learning opportunities to develop mathematical proficiency through. <i>Prep – Year 6.</i> Room: 142 - 023</p>	<p>Session 5 – Secondary focus</p> <p>Peter Fox (Texas Instruments) – 40 mins Random Stuff! Exploring random phenomena through activities and simulations. <i>Year 9 – Year 12.</i> Room: 142 - 022</p>
<p>Break 2:15pm – 2:40pm</p>	<p>Catered afternoon tea</p>	
<p>Session 6 2:45pm – 3:25pm</p>	<p>Session 6 – Primary focus</p> <p>Dr Grace Jefferson. (James Cook University) – 40 mins Mathematical ways of thinking: Exploring multiplicative, geometric, statistical and algebraic thinking concepts and resources for the classroom. <i>Primary and Junior Secondary.</i> Room: 142 - 023</p>	<p>Session 6 – Secondary focus</p> <p>Libby Foley (QCAA) – 40 mins Developing quality assessment: Creating questions using degree of difficulty Years 7–10. Room: 142 -111</p>
<p>3:30pm – 3:45pm</p>	<p>Wrap-Up + Door prizes! Room: 142 -111</p>	