



QAMT State Conference 2022 Looking Forward, Looking Back



Queensland
Association of
Mathematics
Teachers

Celebrating 100 Years
1922-2022

Friday 24th June (Online)
Saturday 25th June (F2F and
Streamed to Regional Hubs)
Sunday 26th June (F2F and
Streamed to Regional Hubs)
All Hallows' School
Ann Street, Brisbane

Be a part of QAMT's centenary celebrations,
looking forward and looking back on
mathematics education from the past and into
the future. Hear from longtime QAMT member
Bill Simpson on what has changed - but what is
still the same - and discover what Simon Singh
thinks the future holds. Join remotely or in-
person and access masterclasses, workshops and
panels on topics and issues that are affecting
your classroom today and in the future.

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DAY 3 SUNDAY 26TH JUNE Registrations open! Visit <https://qamt.qld.edu.au/>

7.00am	Maths walk around Southbank				 Lecture	 Workshop	 Online
8:30am – 9.00am	8.30am Registration 8.45am Welcome and acknowledge sponsors, Introduce Trade Acknowledgement of Country						
SESSION 1 9.00am – 9.55am	<div>Senior Secondary</div> <div></div> <div>Heather Meinecke (Teacher, St Joseph's College)</div> <div>Activating Tech in Methods</div>	<div>Primary</div> <div></div> <div>Monique Russell (Department of Education)</div> <div>Teaching and learning key content descriptions in AC:M v9.0 Prep to Year 6 - utilising mathematics manipulatives</div>	<div>P-10</div> <div></div> <div>Debbie Cooper (HOD Mathematics, Sunnybank State High School)</div> <div>Group work and open ended tasks need to form a core of the mathematics classroom</div>	<div>Primary & Secondary</div> <div></div> <div>Joe Ousby (Retired Teacher)</div> <div>On fractions, Directed Number, Geometry and the Order of Operations</div>	<div>Live Stream Sessions</div> <div></div> <div>John Steinbach (Teacher, Alexandra Hills State High School) STEM: How and where does maths feature?</div>		
SESSION 2 10.00am – 10.55pm	<div>Senior Secondary</div> <div></div> <div>Alastair Lupton (STEM Secondary Teacher)</div> <div>Simplex and the Science of Burger Making</div>	<div>Junior & Senior Secondary</div> <div></div> <div>David Ilsley (Casual Teacher, Canterbury College)</div> <div>M1 Maths and Astronomy</div>	<div>Junior and Senior Secondary</div> <div></div> <div>Peter Fox (Secondary Maths and Physics teacher; Co-developer TI-Nspire and TI-Navigator, Texas Instruments)</div> <div>How can we engage and prepare junior school students for PSMTs in senior mathematics courses?</div>	<div>Secondary</div> <div></div> <div>Dr Michael Bulmer (The University of Queensland) and Chris Powell (HOD Mathematics, Brisbane South State Secondary College)</div> <div>Bivariate Data Analysis</div>	<div>Live Stream Sessions</div> <div></div> <div>Rachael Whitney-Smith (ACARA) What has changed in the Australian Curriculum: Mathematics and why? Unpacking the Australian Curriculum: Mathematics version 9.0 changes to the Primary Curriculum</div>		
11.00-11.45 am BRUNCH NETWORKING 							
SESSION 3 11.45am – 12.40pm	<div>Senior Secondary</div> <div></div> <div>Rodney Anderson (Teacher, Moreton Bay College)</div> <div>Effective and Efficient Use of the TI-Nspire calculator in a Mathematical Methods (and Specialist) Examination</div>	<div>Primary</div> <div></div> <div>Elizabeth Irwin (South East Regional Office, Education QLD)</div> <div>High yield daily routines that build Mathematical understanding and discussion</div>	<div>Secondary</div> <div></div> <div>Peter Flynn (Texas Instruments)</div> <div>Enhancing the teaching of General Mathematics with a scientific calculator</div>	<div>Junior Secondary</div> <div></div> <div>Margaret Marshman (University of Sunshine Coast)</div> <div>Teaching statistics with experiential learning: A visual experience * Co presented with Peter K. Dunn</div>	<div>Live Stream Sessions</div> <div></div> <div>Rachael Whitney-Smith (ACARA) What has changed in the Australian Curriculum: Mathematics and why? Unpacking the Australian Curriculum: Mathematics version 9.0 changes to the Year 7 – 10 Curriculum</div>		
SESSION 4 12.45pm – 1.40pm	<div>Junior and Senior Secondary</div> <div></div> <div>Joel Scott (Raybould Tutorial Fellow) The University of Queensland)</div> <div>Modular Mastery-Based Learning</div>	<div>P-12</div> <div></div> <div>Darius Samojlowicz (MANSW)</div> <div>Developing Your Identity as a Teacher of Mathematics</div>	<div>Junior Secondary</div> <div></div> <div>Alex Bunt (Mathspace)</div> <div>Design principles in open-ended tasks and creating collaborative learning environments</div>	<div>Primary, Junior and Senior Secondary</div> <div></div> <div>Shelly Cross (St Hilda's School)</div> <div>Two Year 10 PSMT's to prepare for Year 11 Mathematical Methods</div>	<div>Live Stream Sessions</div> <div></div> <div>QAMT Engaging and Challenging Students in Mathematics - National Maths Talent Quest, Qld Science Contest and 5/6, 7/8 Maths Quiz, Problem Solving Competition</div>		
 1.40pm-2.00 pm AFTERNOON TEA							
2.00pm – 3.05pm	Welcome and Plenary Introduction Bill Simpson Closing plenary – Bill Simpson: Looking Back						
3.10-3.30pm	Conference closing and Day 3 Prize Draw Winners						