

MATHEMATICS Pathways for **UCCESS**

QAMT State Conference 2021

Saturday 26th and Sunday 27th June Southport State High School

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Keynote Speakers

Opening Keynote Professor Merrilyn Goos University of Limerick





Bill Simpson Plenary Closing Address Joel Speranza

Audience

- Primary
- Junior Secondary

Presentation mode



Registrations opening soon! Visit https://qamt.qld.edu.au/

Meet your presenter

Rachael Whitney-Smith

Rachael is the Australian Curriculum: Mathematics specialist at ACARA and is currently leading the Review for Mathematics. She is also undertaking her PhD at Notre Dame University in Mathematics Education. Rachael is passionate about applied mathematics, STEM and teaching mathematics through rich tasks that engage student thinking and reasoning, problem solving, modelling and inquiry processes. Rachael has worked on National and International projects focussed on improving the mathematical outcomes of Australian students and has actively participated in the OECD Education 2030 project through her role at ACARA. Rachael is an active member on a number of mathematics advisory and reference groups and led the work in revising the National Numeracy Learning Progressions Version 3 as part of the National Online Formative Assessment Initiative. Rachael has been the Executive Officer, Professional Learning consultant and is currently a board member for the Mathematical Association of Western Australia.

Australian Curriculum: Mathematics Review - What has changed and why!

On 12 June 2020, education ministers agreed that it was timely to review the Foundation - Year 10 Australian Curriculum, which had been in place since 2015, to ensure it is still meeting the needs of students and providing clear guidance for teachers. ACARA is working in close consultation with the profession and key stakeholder groups to complete the review by 2022. For Mathematics we will look to prioritise what is essential for students to learn by identifying core concepts - defined as the "key knowledge, understandings and skills that are central to a learning area or subject, are developed in increasing depth across the years of school, and ... provide opportunities for students to transfer and apply their increasingly deep understandings to a variety of meaningful contexts." This presentation will provide insight into what has changed and why.