

QAMT State Conference 2022

Celebrating 1¹⁹²²00²⁰²² years

Looking Back, Looking Forward

100

Join us for this face to face and virtual conference that has it all!

Friday 24th
Online
Saturday 25th &
Sunday 26th June
All Hallow's School
Brisbane & Regional
Hubs

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International
Opening Keynote
Simon Singh




Keynote
Speakers



Bill Simpson Plenary
Closing Address
Bill Simpson



Meet your Masterclass presenter

Janine Sprakel

Janine Sprakel works with teachers all over Australia to grow their confidence and capacity in teaching and learning of mathematical problem solving.

PROBLEMO

Problemo is the AMT online platform for teachers - packed with quality maths problems of varying difficulties, aligned to the Australian Curriculum. Teachers can search and filter problems to work through in class, or set quizzes for students to do individually. Problemo is perfect for delivering lessons remotely. In this Masterclass, Janine Sprakel - National Partnerships and Engagement Manager at AMT, will walk participants through the Problemo platform. All teachers taking part in the masterclass will be given short-term access to Problemo Plus and will have the opportunity to work together virtually to select problems and plan for their use in the classroom. We will look at the research base for including problem solving in your repertoire, and the things teachers can do to implement problem solving to grow student capacity.

Please create a Problemo account before the session. If you already have a Problemo account, login at the time of the MasterClass at <https://app.problemo.edu.au/user/login> If you don't have an account, you can register at <https://app.problemo.edu.au/user/register> using your school affiliated email address in the days before the session.

The Australian Maths Trust (AMT) is a charity that helps teachers with resources and opportunities to enable their students to develop their problem-solving skills. AMT is best known for its extensive range of maths, STEM, computational and algorithmic competitions and programs - from one-day events, like the Australian Mathematics Competition through to teacher-led programs that run over a series of weeks or months.

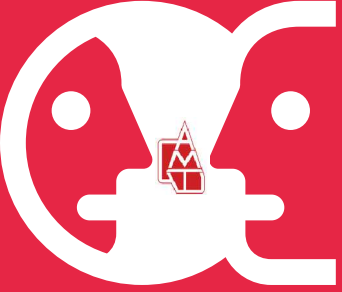
Audience

- Primary
- Junior Secondary

Presentation mode



Registrations open now!
Visit
<https://qamt.qld.edu.au/>



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Meet your Masterclass presenter

Jen Bowden



Jennifer Bowden has worked as an Education Consultant at the Mathematical Association of Victoria (MAV) for 15 years. She enjoys inspiring teachers, maths coaches, consultants and leaders to become more critical and creative in their teaching, empowering consultants and teachers to be better educators and provide the best learning experiences for their students. Jen coaches, mentors and guides consultants, teachers, and leaders to build teacher capacity, increase knowledge of curriculum content, and to develop better pedagogies to establish school-wide improvement. Jen's current interest is in helping teachers and leaders to improve education in a way that promotes and challenges students' thinking

INNVOATIVE LESSONS FOR YOUR TEACHING FUTURE – MATHS 300!

Maths300 has an underlying principle that each lesson will encourage students to learn through inquiry, to collaborate and to think like mathematicians. Teachers and students find the Maths 300 activities and investigations to be a positive and engaging way of exploring and understanding mathematical concepts in the classroom. In this masterclass we will explore the Maths300 lesson structure, including innovative features for students and teachers and creative pedagogies. We will take a deep dive into some of our favourite lessons and give delegates the opportunity to explore the resources, including supporting software. Delegates will be given the opportunity to collaborate with others to plan how they can use Maths 300 in their individual contexts. Prepared to be challenged and have fun whilst completing tasks! Walk away with lessons to use with your students and share with your colleagues.

Maths300 is a library of over 200 innovative maths lessons that cover all the content strands of the Australian Curriculum: Mathematics from Foundation to Year 12. The resource has been used and valued by Australian teachers for many years and its ongoing popularity is testament to the effectiveness and high quality of the lessons.

Audience

- Primary
- Junior Secondary
- Senior Secondary

Presentation mode



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