



# MATHEMATICS *Pathways for* SUCCESS

# QAMT State Conference 2021

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

*Love Mathematics? Love Teaching? Love Research? So do we!*

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face to face  
and virtual  
conference  
that has it  
all!

## Keynote Speakers

Opening Keynote  
Professor Merrilyn Goos  
University of Limerick



Bill Simpson Plenary  
Closing Address  
Joel Speranza

## Meet your presenter

### Louisa Lowe



I came from a family of teachers. My parents started a weekend language school, so I was teaching Chinese Language and Culture since the 1980's. After working as an Analyst Programmer for a few years, I got married and children arrived. Then, I went back to uni and obtained a Post Graduate Diploma of Education (I did it for the holidays) and started teaching Information Processing and Technology and Mathematics, which was 22 years ago.

Not long after I started teaching with Education Queensland, Inclusive Education came into play, and more and more students with special needs started to appear in my classes. In order to cater for their needs, I did a Master in Special Education so I could be more equipped to meet the diverse learners in my classroom.

For the last 22 years, I have been in the roles as Mainstream Teacher, Advisory Visiting Teacher, State-wide Education Advisor, Special Education Teacher, just to name a few. I have been in front of the classroom teaching and co-teaching, behind the classroom in support and out of the classroom giving one-on-one tutorials to students. I thought I might be able to share some of my experience in differentiated instructions.

#### Audience

- Primary
- Junior Secondary

#### Presentation mode



### Differentiation is not for the faint-hearted

Use differentiated instruction to meet the diverse needs of your students. Look at the why, how and to provide some examples. Instructions can be differentiated through - Content, Process and Product.

Teachers differentiate instructions to cater for different learning styles, to cater for students' differences on performance, readiness and engagement; how? Through modification and accommodation.

As the saying "all roads lead to Rome", there are many ways to achieve a goal, teachers differentiate content, process and product to engage students. This workshop is aim to exchange ideas in differentiation.

**Registrations open now!**  
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