



# MathsMeet Conference 2022

*"You can't be doing mathematics without a cognitive load"*

Join members of the **NT Maths community** for a range of **exciting presentations** about the **teaching of Mathematics**

Conferences on all day Saturday

## ALICE SPRINGS

Centralian Senior College

**Saturday 6<sup>th</sup> August**

**Dr Sally Hughes**

Maths Consultant, NT Dept of Education



## DARWIN

O'Loughlin Catholic College

**Saturday 3<sup>rd</sup> September**

**Andrew Lorimer-Derham**

Maths Consultant & creator of ThinkSquare resources



**SATURDAY:** Tea and coffee from 8:30 am, for a 9 am start, through to 4 pm

**Limited travel funds available for MTANT individual members. Indicate when registering if you will apply.**

**Register as well as offer to present via <http://tiny.cc/register-mathsmeet>**

**Payment for Alice Springs Conference: <https://www.trybooking.com/CBEHX>**

**Payment for Darwin Conference: <https://www.trybooking.com/CBEHY>**

**Payment for Individual or Institutional Membership: via form from <http://mtant.weebly.com/membership.html>**

**Are you doing something exciting or unusual in your classroom that you'd like to share with others?**

**We would LOVE you to present a session & share your ideas. 55-minute sessions available.**

Register your session via the weblink above.

**Twitter: #MathsMeet2022**

### Conference Registration Costs

Current Member (Individual)	\$90	Conference Fee
Institutional Member (up to 4 teachers)	\$90/teacher	Conference Fee
Non-members (Individual)	\$160	Complete a membership form
Non-members (Institutional)	\$130 + \$90/teacher	Complete a membership form
CDU Student	\$65	Complete a membership form (free)

Trybooking.com fee of \$0.50 added afterwards if using that platform for payment.



## MathsMeet 2022 Keynote Speakers

### Alice Springs

**Sally Hughes** currently works for the NT Dept of Education, providing professional learning for primary teachers in mathematics.

Sally is an experienced early childhood and primary mathematics educator having worked in teaching and leadership roles in the UK, Papua New Guinea and Australia.

Sally's research interests include professional learning of teachers, cognitive activation tasks, and teaching computation strategies for conceptual understanding.

Sally's passion is working with teachers and leaders to improve teaching and learning of mathematics in a way that promotes and challenges student thinking. Many of her approaches are easily adapted to secondary settings, provoking students' mathematical thinking.

#### Title of keynote presentation:

**Those who are doing the thinking are doing the learning**

**Abstract:** One of the goals of education is to foster students who can think critically and creatively. This goal, which is emphasised in the revised Australian curriculum, means reconceptualising the teaching of mathematics in a way that is different to traditional classroom experiences.

It involves integrating behaviours highly valued by mathematicians such as reasoning, problem solving, inquiring, and investigating. It is through critical and creative thinking that students have opportunities to develop positive dispositions such as curiosity, flexible thinking and risk taking, which supports their development as both capable mathematicians and lifelong learners.

This keynote will explore some of the tangible actions to support transforming teaching in ways that shift student learning from passive to active while nurturing a curiosity for learning mathematics.

### Darwin

**Andrew Lorimer-Derham** currently shares his ideas as a Maths consultant across Australia.

Andrew helps people find joy in maths. He has dedicated the last 10 years to helping bring more intentional fun into maths classrooms across Australia through unique hands-on games, puzzles and school workshops.

Andrew's greatest expertise is crafting rich mathematical activities students will happily give up their lunchtime to continue. He has recently partnered with Maths Mate to reimagine the Year 7-8 textbook.

Andrew is the founder of Think Square and has worked with numerous math associations, Cricket Australia, app developers, radio stations, magazines and charities to bring creative ideas to life.

Andrew will inspire you to see possibilities, take risks, and think outside the box as you shape the next generation of mathematicians. Visit <https://thinksquare.com.au> to enjoy the raft of his innovative ideas for the classroom.

#### Title of keynote presentation:

**The power of purposeful puzzles**

**Abstract:** A well-designed mathematical puzzle will encourage hours of skill practice while at the same time develop the capacity for critical and creative thinking. Puzzles can engage learners of any ability, as evidenced by the countless number of students I've witnessed give up their own lunchtimes attempting to solve them.

This session will equip you to design your own puzzles and activities by discussing key principles for creating rich, engaging activities. During this workshop participants will learn how maths puzzles can be designed for *intentional fun*, test their skills solving a range of different puzzles and produce their very own mathematical puzzle

## Registration Steps

1. Complete Registration Form online
2. If interested, indicate Expression of Interest to present a session by ticking the Yes box on the Registration Form
3. Make payment for Conference via EFT or online
4. Complete membership form and make payment via Eft or online

A committee member will be in touch with you if you indicated you would like to:

- Offer a presentation
- Access support for travel costs

# MTANT MATHS MEET 2022 REGISTRATION FORM / TAX INVOICE

Mathematics Teachers' Association of the Northern Territory Inc.  
PO Box 40202, Casuarina NT 0811 ABN 38 575 028 403 Email: [contact.mtant@gmail.com](mailto:contact.mtant@gmail.com)  
MTANT Inc. is not registered to collect GST

Email completed form to: [contact.mtant@gmail.com](mailto:contact.mtant@gmail.com)

Surname:	Given Name:
Preferred Name on Name Badge:	Current Position / School:
Preferred Mailing Address:	Telephone Contacts Mobile: After Hours:
Fax Number:	Preferred Email Address:
Signature of Applicant: _____ Date: _____	

- Yes, I am interested in presenting a paper or workshop at Maths Meet 2022
- Special dietary needs indicated in survey
- Alice Springs Conference     Darwin Conference

Registration Costs	Cost
Conference Fee: <input type="checkbox"/> Current MTANT Member \$90 <input type="checkbox"/> Current Institutional Member \$90 per teacher <b>No. teachers:</b> _____ <input type="checkbox"/> Individual non-member \$150 (complete 2022 membership form) <input type="checkbox"/> Institutional non-member \$100 + \$90 per teacher (complete 2022 Institutional membership) <b>No. teachers:</b> _____ <input type="checkbox"/> CDU Student \$65 (incl. 2022 free membership)	
A 2022 MTANT Membership form is attached. Yes/No	
<b>Total</b>	

## Method of Payment

- Payment made with credit card via TryBooking.com (direct links via online registration)
- I have completed an Electronic Funds Transfer to MTANT Inc.

BSB: 633-000    A/C: 171 811 664    **NOTE: New bank account**

Remittance advice to [contact.mtant@gmail.com](mailto:contact.mtant@gmail.com)  
with **MathsMeet2022-Surname-Name** on EFT transfer.

- I intend to apply for travel assistance.

**Note:** Available to **MTANT individual members only**, and receipts will need to be sent in.