

## 5 February 2020

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### AAMT 2020

AAMT would like to wish all our members and subscribers a great start to the new school term in 2020. We hope students and teachers will gain new learnings and inspirations in their maths classes as the year progresses.

We encourage maths educators to participate in the 2020 professional learning programs. All AAMT state and territory affiliated associations will be offering their usual packed programs of workshops, conferences and other professional learning opportunities.

AAMT has had a busy start to the new year as we have moved our location to Canberra. We are now working alongside the Australian Maths Trust. The Mathematical Association of South Australia has moved into the former AAMT Adelaide office, where some of our staff continue to work.

You will be aware that this year AAMT does not hold a national conference. The AAMT conference is biennial. We hope to make an announcement about the 2021 conference in a couple of months.

This year we are working with the Australian Science Teachers Association to bring a STEM day to the CONASTA national conference in July in Canberra. Maths teachers have the opportunity to join their science colleagues to learn or present about data and maths modelling in the classroom. See below.

The exchange program to Singapore is planned for July this year.

For later in the year, AAMT has been engaged in discussions with NCETM in the UK and hope to bring an NCETM presence to some workshop events in October. Watch this space.

AAMT is currently developing a new website with additional features. We plan to launch our new web presence in the second quarter of the year.

We are also nearing completion of the new Maths 300 platform. We now have

more than 60 software lessons in browser-based format. See more information below.

Please do continue to provide us with your news and events that support maths educators.

We look forward to working with everyone in 2020.

Duncan Rayner

Chief Executive Officer

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## STEM Day with the Australian Science Teachers Association (ASTA)

AAMT is working with ASTA and the Science Educators Association of the ACT (SEAACT) to offer maths teachers the opportunity to participate in a STEM Day with their science teacher colleagues at the CONASTA conference in Canberra on July 7. The theme for the STEM day is **Inquiry-based STEM: Teaching maths and science with modelling and data.**

For further information, please click [here](#)

Please note that CONASTA is still accepting offers to present. Conference and STEM Day registration open in March 2020.

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## Overseas Exchange Opportunities 2020

AAMT will organise a study tour to Singapore in July 2020. This will include participation in the [MERGA](#) conference, workshops and school placements.

The exchange with Maths Hubs in the UK is still open. This is for anyone interested in a 2 - 3 week placement at a UK Maths Hub. Schedules and itinerary are arranged between the participating teacher and the host Maths Hub.

To register your interest, click [here](#) to open the flyer and use the [registration link](#) at the end of the flyer.

**Please note the visit to Shanghai in April will not go ahead.**

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AAMT is hoping to launch the new version of Maths 300 soon. We are currently migrating the lessons from the old platform to the new one. This will be followed by a migration of the administration system.

At the same time most of the interactive lessons that use the Maths 300 software can now be accessed via a browser. We encourage all Maths 300 users to try the browser-based lesson format, as it is suitable for both laptops and tablet devices. For further information, contact [office@aamt.edu.au](mailto:office@aamt.edu.au)

We are also seeking contributions for new lessons for Maths 300. Do get in touch with us if you have any inspiring inquiry-based lessons that we can include in the new Maths 300.

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## NSW Event

### MANSW Using NAPLAN SCOUT Data Analysis for Strategic School Planning

**Where:** MANSW Professional Learning Rooms  
67-73 St Hilliers Rd, Auburn 2144

**When:** 13 February 2020

Participants will join in discussions, link research for strategic planning, and the importance of school data analysis and planning to promote change and improve student learning.

View more details about the event at <https://www.mansw.nsw.edu.au/>

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## VIC Event

### MAV VCE Mini-conferences: Melbourne, Bendigo, Gippsland 2020

**Where:** Melbourne, Bendigo, and Gippsland

**When:** 14th-28th February

Program details and registrations are at <https://www.mav.vic.edu.au/>

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## SA Events

### Hamann School Mathematics Competition



The Hamann School Mathematics Competition for schools in SA takes place on Wednesday March 18th.

Registration forms must be with MASA at [masamail@internode.on.net](mailto:masamail@internode.on.net) by Monday 24th February

### Year 12 Mathematics Workshops

**Where:** Unley High School, Kitchener Street, Netherby, Adelaide, SA

**When:** Tuesday 25th and Thursday 27th February

A range of workshops and seminars relating to the four year 12 SACE Mathematics subjects, exams and curricula, are available for you to choose from.

View the program and registration at <https://www.masaonline.org.au>

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## WA Event

### Understanding And Teaching Multiplicative Thinking

**Where:** Ziggies Educational Supplies: 25B Baile Road Canning Vale, WA

**When:** 25 February 2020

This workshop is part of a professional development series offered by the Mathematical Association of Western Australia. It provides Year 4 to 7 teachers with pedagogical knowledge, activities and insights into the teaching of multiplicative thinking skills in a variety of mathematical contexts.

View the program and registration at <https://mawainc.org.au/>

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## Overseas Event

### 2020 BE-MTS International Research Conference

**Where:** Reyna's the Haven and Gardens, Tagbilaran City, Bohol, Philippines

**When:** May 2 - 4, 2020

**Theme:** "Connecting the Links of Science, Technology, Engineering, and Mathematics (STEM) for an Enhanced Mathematics Teaching - Learning Process"



**Co-organizers:**

\*Department of Education Region VII (DepEd VII)

\*Department of Education - Bohol Province Division (DepEd Bohol)

\*Visayas State University - Isabel Campus (VSU - Isabel)

View the [brochure](#) and contact at: Secretariat BE-MTS Inc [secretariat.bemts@gmail.com](mailto:secretariat.bemts@gmail.com)

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## Fun and Engaging Live Performances in Maths

Felstead Education

Felstead Education shows **boost student engagement and interest in maths** by combining maths reasoning and problem solving, audience interaction and wonderful entertainment. Choose from:

- Our long running favourite: **The Maths Show** - full of amazing maths magic, maths history, puzzles and more.
- Our new production for 2020: **The Maths and Sport Show** bringing maths to life with the power of sport - perfect for an Olympic year.

Both shows are suitable for Junior Secondary and Primary students, with tailored versions for different ages.

More information about the shows, view the flyer [here](#)

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**Please note we are experiencing problems with our book ordering system. To be sure that your order is processed, please also email your book requests to us at [sales@aamt.edu.au](mailto:sales@aamt.edu.au)**

## [featured resource] Challenging Mathematical Tasks

### Peter Sullivan

*Did you know? Professor Peter Sullivan's research shows that many students don't fear challenges in*

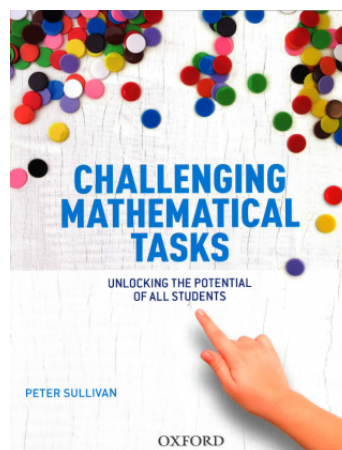
*maths but instead welcome them.*

*Challenging Mathematical Tasks* supports the idea the students learn best when they work on unfamiliar problems and tasks. The activities promote sustained thinking, decision-making and risk-taking, which encourages students to persist and succeed in their learning of mathematics.

Start unlocking the potential of all students.

**#OUP771 \$85.50 AAMT members \$68.40**

<https://www.aamt.edu.au/Webshop/Entire-catalogue/Challenging-Mathematical-Tasks>

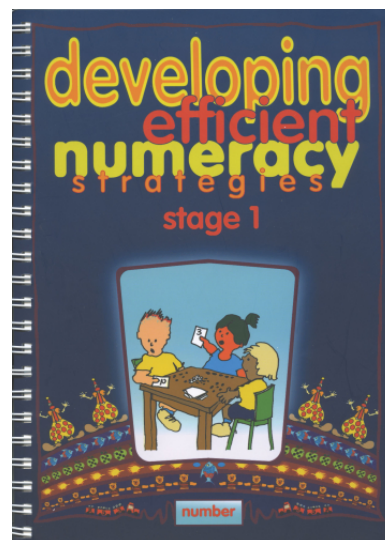


**SHOP NOW**

## Developing Efficient Numeracy Strategies Stage 1

### NSW Department of Education & Training

Detailed support to help develop students' counting strategies in the junior primary years. A great deal of research and common sense indicates developing robust counting strategies is fundamental to effective numeracy. This book provides a developmental framework for counting strategies that has been identified through extensive research in Australian classrooms. For each stage there is a range of activities to address particular aspects — sequencing, numeral identification and patterns etc. in the early stages, operations and strategies in the latter. The layout of each activity explicitly highlights key aspects of teaching as well as a brief discussion of why the learning is important and methods effective.



This second edition includes references to the Australian Curriculum: Mathematics.

[View contents and sample pages](#)

**#AAM414 ~~\$36.25\*~~ \$25.00 AAMT members ~~\$29.00\*~~ \$20.00**

While stock lasts!

<https://www.aamt.edu.au/Webshop/Entire-catalogue/Developing-Efficient-Numeracy-Strategies-Stage-1>

**SHOP NOW**

**Download a complete PDF catalogue of resources** sold by AAMT from [www.aamt.edu.au/Webshop/Catalogue](http://www.aamt.edu.au/Webshop/Catalogue).

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## Other news

The articles below were posted to AAMT's Facebook and LinkedIn pages and Twitter feed, and link to various sites:

[Success in year 12 maths adds up to better science results at uni](#)

[Math that feels good -- creating learning resources for blind students](#)

[Incorporating STEAM into the wider curriculum](#)

[North Zealand International School pupil hailed as one of the best maths students in the world](#)

[Maths mastery: Everything you need to know](#)

[Global education rankings highlight academic strengths of international students](#)

[Nottingham academic advises Government on mathematics research investment](#)

[Success in year 12 maths adds up to better science results at uni](#)

[Academics fear for jobs as maths and statistics major dropped](#)

[Maths made easy: Anand Mahindra shares clever trick to solve multiplication problem, thrilled SRK responds](#)

[Why 2,000 Danish university students are failing 'basic mathematics'](#)

[Empathy in education: 'It's just as important as learning maths'](#)

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Connect with AAMT on social networks for more links to online news, tools and tips!



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