



# AAMT e-news

for the Australian mathematics education community

## 11 December 2019

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### Reflections on 2019

The end of 2019 has seen the publication of the 2018 Pisa test [results](#). The continued decline maths performance in our schools is in contrast to the quality and innovative teaching practices many educators have shared in the AAMT conference and exchanges this year. AAMT has issued a [press release](#) about this. While the Pisa results provide an opportunity to reflect on teaching content and methods, there is no doubt that Australia has an organisational challenge. We have some great teachers and classroom practices spread across the country. The question is how we harness this talent, share experience and expertise and support subject professional learning for all maths teachers. AAMT and its State and Territory Affiliated Associations will continue to work for this next year.

We'd like to thank all our members and supporters for their participation in AAMT and Affiliate activities during 2019 and wish everyone a happy and restful Christmas and New Year.

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### STEM Day: Collaboration between AAMT and ASTA

AAMT is collaborating with ASTA (the Australian Science Teachers Association) to organise a STEM Day at the [CONASTA](#) conference in Canberra in July. If anyone would like to present on the topic of ***Inquiry-based STEM: Teaching maths and science with modelling and data*** please see [here](#).

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### International Mathematical Modelling Challenge

**10-27 March 2020**

**International Mathematical Modelling Challenge (IM2C)**

An opportunity for senior secondary students to work as part of a team to solve a genuine real-world problem using mathematics. View the leaflet [here](#)

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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 that we are now unable to offer the visit to Shanghai.**

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## Be part of Australia's first Maths Teacher Circles.

Kick-off for [Australia's first Maths Teacher Circles](#) which will be held in **Melbourne** from January 2020, with a two-day Immersion Workshop. Throughout the school year, local circles will then host after-school sessions drawing on a range of facilitators and themes.

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## ATSIMA 2020 second announcement

### **ATSIMA 2020 Conference**

**Date:** Monday 27 to Wednesday 29 July 2020

**Theme:** 'Nhe wajana' 'Nhe djämamirriyajana'  
'Speak it' "You create it"

Transforming mathematics education for Indigenous learners

**NOW OPEN** - Registration and submissions to present

See conference website for details [www.atsima.com](http://www.atsima.com)

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## AAMT Office Closure

The AAMT office will be closed for the Christmas break between **December 24 and January 6**.

Due to the relocation of the office to Canberra, we will be unable to offer books sales through the online shop in January. We're looking forward to bringing members a new online shop in 2020, which will be part of a website upgrade that we are planning for next year.

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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:

[Australian students behind in maths, reading and science, PISA education study shows](#)

[In China, Nicholas studied maths 20 hours a week. In Australia, it's three](#)

['Alarm bells': Australian students falling behind in maths, science and reading](#)

[Australian students 'among the worst in the world' for class discipline](#)

[Fear of all our sums: Four ways schools are solving the 'maths problem'](#)

[Indigenous perspectives in mathematics education](#)

[Australian students' maths performance falls to OECD average in worst result since 2000](#)

[Britain jumps up international maths rankings following Chinese-style teaching](#)

[More testing is not the answer to declining international maths results](#)

[Aussie students are a year behind students 10 years ago in science, maths and reading](#)

[The top ranking education systems in the world aren't there by accident. Here's how Australia can climb up](#)

[Education Minister says 'alarm bells should be ringing' over poor student test results](#)

[Are good readers more likely to give up on maths?](#)

[Maths needs curriculum changes, teaching programs to lift results: study](#)

[Math Looks The Same In The Brains Of Boys And Girls, Study Finds](#)

[Children who are good at maths and science are top in money skills](#)

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



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