

15 May 2020

AAMT webinars

The AAMT free webinars below are now open for registration:



1. [A demonstration and discussion of online maths teaching \(Mastery approach\) in a leading Shanghai primary school](#) by an international panel (speakers from the US, China and Australia) - Friday May 22, at 11.30 am.
2. [Back to Business: building online maths curriculum into our regular classrooms](#) by Melissa Fanshawe - Friday May 29, at 4 pm
3. [Some useful 'tools' to help you teach geometry, some online and some not](#) by Anthony Harradine - Thursday June 4, at 7 pm

For further information please see <https://aamt.edu.au/Webinar-2020>

If you would like to share your expertise and experience with other teachers by webinar, please contact Duncan at drayner@amt.edu.au

Maths Teacher Circle

Are you looking for great problem solving ideas?

Get access to new problem solving ideas that you can use whether you're teaching your students remotely or face-to-face. The next virtual Maths Teacher Circle session is coming up soon. You're invited to join and connect with other teachers from the comfort of your own home.

Date: Thu 21 May, 4.00pm-6.30pm (2.5 hours)

Cost: \$5

[Register here.](#)

National Mathematics Summer School



The state and territory level rounds to select participants for the 2021 NMSS will take place as per usual this year. Please plan for the Summer School to go ahead as usual.

AAMT is pleased to report that the estate of the late Professor Leon Poladian, bequeathed to AAMT to invest in the NMSS, has now been settled at a value of just under \$4 million. AAMT has set up a dedicated perpetual fund in memory of Professor Poladian from the estate that aims to provide ongoing annual financial support for the Summer School

Parent Resources at MAV

The Mathematical Association of Victoria have launched a resource for parents who are helping their children with maths <https://www.mav.vic.edu.au/Resources/parents>

NSW Events

Rich Tasks Open Questions Mathematics Webinar

When: 19 & 26 May 2020

Where: Online via Zoom

This two-session on-line webinar 'Rich Tasks Open Questions' for K-6 teachers, is an introduction to exploring rich tasks and open questions both in the mathematics classroom and for remote learning.

This course runs for two 90-minute webinar sessions and will investigate ways to develop and implement rich tasks and open questions in the mathematics classroom, to promote engagement through the proficiencies or working mathematically strands.

These webinars have been designed to investigate ways in which to develop and implement rich tasks and open questions in the mathematics classroom, to promote engagement through a working mathematical focus.

Registration at: <https://www.mansw.nsw.edu.au/events>

VIC Events

2020 VCE Revision Program

When: 31 August 2020 - 1st Feb 2021

Where: Online Course

MAV is developing a self paced, interactive, online VCE Revision Course for all 3 maths studies.

The course will be jam packed with useful information and advice, and will be made available in August until the day of the last VCE exam.

Never before has so much value been offered in our VCE revision program!

Registrations are at <https://www.mav.vic.edu.au/>

WA Event

CLASSROOM CORNER

When: 27 May 2020

Where: Online via Zoom

Number facts are so important, however, are flashcards or rhymes the only option for teacher and parents! A recent survey of Victorian teachers revealed that a whopping 98% of them used games as a regular feature of the mathematics lessons. Games are engaging and often easily differentiated to suit the needs of all students.

During this Classroom Corner the focus will be on number games that use no equipment, dice or cards. Many of these games are great for warmups, group rotations or used at home for consolidation and fun! Learn to play strike, get out of my house, greedy pig and more if time permits!

Registration at <https://mawainc.org.au/>

SA Event

Stage 2 General Mathematics Workshop

When: 23 May 2020

Where: Online via Zoom

This one-hour workshop will be presented by Sam Capurso, Mathematics Curriculum Leader at Blackfriars. Sam will go through the three examinable topics and discuss the difficulties students commonly face in these questions.

This workshop will leave participants with a clear understanding of what could be expected in the exam and some ready to use resources for the classroom. These resources include three Skills and Applications Tasks, and additional practice questions for the Hungarian Algorithm.

Registration at <https://www.masaonline.org.au>

Please note we have had an outage 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

[featured resource] Mathematics Assessment for Learning Rich Tasks and Work Samples

Anne Downton, Rose Knight, Doug Clarke, Gerard Lewis

A book for teachers seeking to inform their teaching by the use of tasks which can help to identify what their students know and can do in mathematics.

A great strength of this resource is that it not only presents appropriate tasks, but discusses these in the context of real student work samples (across a broad range of grade levels and demonstrated understandings) and possible assessment rubrics.

For the mathematics/numeracy coordinator or resource library in your school.

[View contents pages \(PDF\)](#)

[View sample task for Year 2 \(PDF\)](#)



[View sample task for Year 8 \(PDF\)](#)

#CLA001 \$50.00 AAMT members \$40.00

<https://aamt.edu.au/Webshop/Entire-catalogue/Mathematics-Assessment-for-Learning>

Check the Clues

Paul Swan, David Dunstan

Based on Polya's four step approach to problem solving, students work cooperatively in groups of four to solve mathematical problems, considering different written clues and then finding the correct solution through elimination.

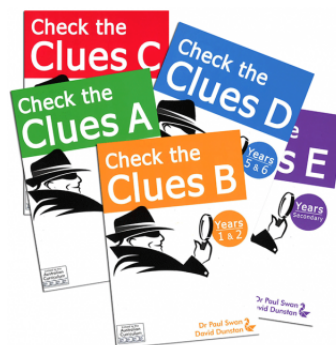
The activities cover all three strands of the *Australian Curriculum: Mathematics* and consolidate understanding of mathematical concepts, promote logical thought processes, incorporate literacy skills and encourage cooperation.

Answers and teacher notes are provided.

Now in five volumes covering pre-primary through to secondary.

Mix and match a selection of three titles to suit your students:

- [Check the Clues A](#) (for Pre-Primary)
- [Check the Clues B](#) (for Years 1 and 2),
- [Check the Clues C](#) (for Years 3 and 4),
- [Check the Clues D](#) (for Years 5 and 6),
- [Check the Clues E](#) (for secondary students).



#SWA661 \$70.00 AAMT members \$63.20 bundle of any 3

\$28.00 AAMT members \$22.40 each

While stock lasts!

<https://aamt.edu.au/Webshop/Entire-catalogue/Check-the-Clues-bundle-Any-three-books>

Download a complete PDF catalogue of resources sold by AAMT from www.aamt.edu.au/Webshop/Catalogue.

Other news

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

[The myth of being 'bad' at maths](#)

[Stories and Maths for young children](#)

[Can you solve it? John Horton Conway, playful maths genius](#)

[School Improvement Episode 24: Mentoring girls in maths](#)

[Free access to maths and science learning platform](#)

[GCSE resits: how to tackle maths anxiety among students](#)

[Should You Love Or Be Scared Of Maths Required For Data Science?](#)

[One in eight STEM classes taught by 'out-of-field' teacher](#)

[Parents, before you can help your kid with math, you have to get over your math anxiety](#)

[Coronavirus crisis sparks calls for financial literacy to be taught as a subject in Australian high schools](#)

[Hate Maths and Science? Chennai-based EdTech platform AhaGuru makes it easier for kids to learn with their live online classes](#)

[Helping with your child's home-based learning](#)

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



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