

# MAV GUIDE 2021

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Valuing mathematics in society  
MAV provides a voice, leadership  
and professional support  
for mathematics education.  
Be a part of it.

MAV is a highly active association with over 700 individual members, and nearly 1 000 institutional members, including schools. This provides membership benefits to a growing network of over 15 000 mathematics educators.

MAV supports its members by working with experts including leading education academics and researchers, education consultants, exemplary classroom teachers, the Victorian Department of Education, The Victorian Curriculum and Assessment Authority (VCAA), and various education partners to provide services in the interests of members and the wider community.

MAV's core services include:

- Professional learning
- In school consulting
- Professional advice
- Annual conference
- Primary and early childhood conference
- Student activities
- Newsletters, magazine and journals
- Publications and resources through MAVshop
- Advocacy and representation

To stay up-to-date, subscribe to the MATRIX e-newsletter at [www.mav.vic.edu.au](http://www.mav.vic.edu.au).



There is a member category for you:

- Individual member (teachers, academics, student teachers and those with an interest mathematics education)
- Institutional member (primary and secondary schools and early childhood centres)
- Associate member (industry partners or resource providers)

Visit the MAV website for more information, including member benefits, [www.mav.vic.edu.au](http://www.mav.vic.edu.au).

## HOW CAN I GET INVOLVED IN THE MAV?

MAV depends on its members for success. Extend your professional learning and get involved in MAV's activities:

- Present at MAV's annual conference
- Join one of our networks, or start your own with MAV support
- Write for MAV journals
- Join committees and working parties
- Develop resources
- Pilot mathematics initiatives
- Develop a PD event at your school or venue
- Judge the MTQ awards, or
- Organise a maths games day for your region.

## MATHS ACTIVE ACCREDITATION FOR YOUR SCHOOL

MAV's Mathematics Active Schools initiative is a way to recognise and support schools who demonstrate excellence in learning and teaching practices in mathematics.

- Publicise your schools Maths Active Schools certification and demonstrate to your school community that mathematics is enjoyable and highly valued.
- Receive regular activities and information from MAV to promote maths to your school community.
- Be invited to participate in special Maths Active School events.



# PROFESSIONAL LEARNING

MAV continues to deliver high quality professional development activities. This includes workshops for:

- Early childhood educators
- Primary teachers
- Secondary teachers
- VCE
- Teachers out of their field

For current events go to the MAV website and click on the Events tab.

## IN SCHOOL PROFESSIONAL LEARNING

Our experienced Maths Education Consultants have been working with schools with great success; measuring improvements in results, changing approaches to teaching and learning, and improving teacher and student engagement in numeracy and mathematics.



We can customise a program to meet your school's specific needs. For more information contact Jen, [jbowden@mav.vic.edu.au](mailto:jbowden@mav.vic.edu.au).

## VCE

PD events (Meet the assessors and SAC workshops) are held in metro and regional areas - and virtually - to cater for all teachers across the state during February and March.

### VCE REVISION PROGRAM

MAV offers a self-paced, interactive, online VCE Revision Course for Mathematical Methods, Specialist Mathematics and Further Mathematics. Courses include videos by highly qualified, experienced teachers who are current VCAA exam assessors, plus practice questions and extensive course notes. Students receive relevant and up-to-date information, and the tips based on where students typically make mistakes. The courses feature technology videos created by TI and CASIO experts and live Q&A sessions with examiners. In 2021 MAV will offer revision lectures at selected locations.



### VCE EXAM SUPPORT

MAV produces worked solutions to the VCAA examinations and Trial exams.

# ENRICHMENT PROGRAMS

## MATHS TALENT QUEST

The MTQ promotes interest in mathematics and foster positive attitudes amongst students, teachers and parents.

MTQ allows students to investigate mathematics on an individual, group or class basis with the opportunity to have fun exploring mathematics in real life situations.

## FAMILY MATHS NIGHT

Looking for ways to engage your school community? Consider hosting a Family Maths Night. Activities, support materials, and expertise can be provided.



## MATHS GAMES DAYS

Teams of four students compete to:

- Develop their mathematical talents and thinking skills in a setting where mathematics is regarded as fun,
- Participate with like-minded students from a diverse range of schools,
- Problem solving and mathematical games address the Victorian Curriculum proficiency strands,
- Get excited about maths, lateral thinking wins the day!

For information contact Jen, [jbowden@mav.vic.edu.au](mailto:jbowden@mav.vic.edu.au).

# MAV21 CONFERENCE

## Towards 2030: Incorporating the capabilities in mathematics teaching and learning

The future workforce and societies' development and sustainability require a strong focus on the capabilities in education. Often called entrepreneurial or 21st Century skills, the capabilities underpin how our students think, understand themselves, engage with each other, society and their learning, alongside their deepening understanding of mathematics.

The 4 capabilities in the Victorian Curriculum are:

- Critical and Creative Thinking
- Personal and Social
- Intercultural, and
- Ethical capabilities.

The Australian Curriculum capabilities of:

- Literacy
- Numeracy, and
- Information, Communications Technology (ICT).

We will explore what good planning, pedagogy, and practice looks like when it incorporates the capabilities. Further, how to teach and assess the skills related to the capabilities within various mathematics learning contexts from early childhood to VCE.

Join us to explore best practice approaches, practical examples, and future thinking around the capabilities, including the benefits and challenges to society and our students of putting the capabilities at the forefront of mathematics learning.

## THE CAPABILITIES IN MATHEMATICS TEACHING & LEARNING



**MAV21**  
CONFERENCE

2-3 DECEMBER



Visit <https://conference.mav.vic.edu.au/Home>

## PRIMARY AND EARLY CHILDHOOD MATHEMATICS CONFERENCE 2021

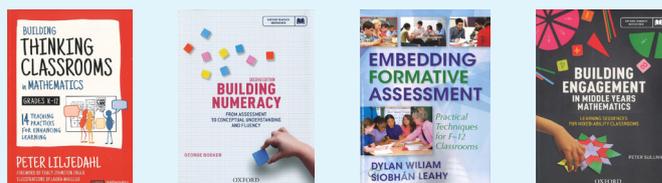
A conference for mathematics leaders and teachers delivered in collaboration with the Melbourne Graduate School of Education, The University of Melbourne.

**Thursday 10 June 2021:** Building leadership capability in mathematics education.

**Friday 11 June 2021:** Building capability for all mathematics educators.

[www.mav.vic.edu.au/Conference/2021-Primary-and-Early-Childhood-Conference](http://www.mav.vic.edu.au/Conference/2021-Primary-and-Early-Childhood-Conference)

## MAVshop



Visit the MAVshop for the latest and greatest resources for maths educators:

- Books for professional learning
- Classroom resources and activities
- Assessment support
- Hands-on resources

**MAV members receive a discount on all stock**  
[www.mav.vic.edu.au/MAV-Shop](http://www.mav.vic.edu.au/MAV-Shop)



THE MATHEMATICAL  
ASSOCIATION OF VICTORIA

## CONTACT US

[www.mav.vic.edu.au](http://www.mav.vic.edu.au)  
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