

MAV GUIDE 2020

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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 MEMBERSHIP

MAV is a highly active association with over 450 individual members, and nearly 900 institutional members, including schools. This provides membership benefits to a growing network of over 13,500 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.



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.

HOW I 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:

- Primary teachers
- Secondary teachers
- VCE
- Teachers out of their field

For current events go to the MAV website and click on professional learning.

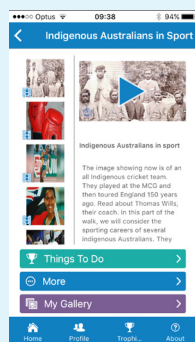
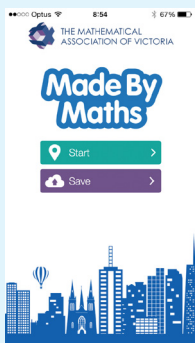
IN SCHOOL PROFESSIONAL LEARNING

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.

MADE BY MATHS APP



Why not use the MAV's *Made By Maths*, app to take a guided mathematical walk? These walks have been designed to show case mathematics in real world applications.

- La Trobe University: showcasing the buildings and sculptures of La Trobe University in Bundoora (free)
- Federation Square: focusing on the role of the right angled triangle (free)
- Swanston Street: featuring buildings and structures that focused on mathematics as a key purpose (free)
- National Sports Museum: delving into the mathematics in sports. Now available! (free)
- School based walk: A generic walk that can be completed in any school grounds (free).

Made By Maths, available at iTunes and Google Play now.

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 Ellen, ecorovic@mav.vic.edu.au.

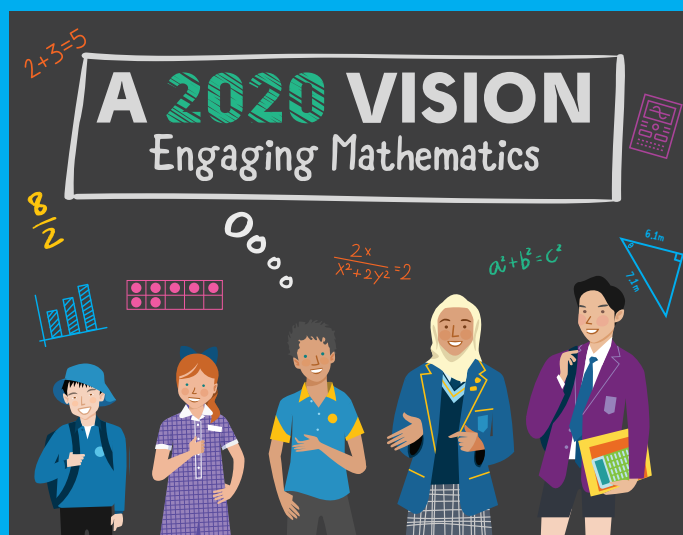
MAV20 CONFERENCE

MAV's annual conference, **A 2020 Vision: Engaging Mathematics**, will be held on 3 and 4 December 2020.

We all experience mathematics differently; some of us are confident, others suffer from maths anxiety, and many of us sit between these two extremes. What is your story? How do you engage in mathematics?

How can we as a community: ignite students' passion for, and value of, mathematics; engage and support colleagues' professional growth; and, engage and inform the community as a whole? Let's create a 2020 vision to share the positive skills and attributes that mathematics can provide for future generations.

Join us to share your ideas, stories, and enthusiasm for engaging in mathematics.



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 17 June 2021: Building leadership capability in mathematics education

Friday 18 June 2021: Building capability for all mathematics educators

Find out more on the MAV website, bookings open in March.

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
- Maths badges

MAV members receive a 20% discount on all stock
<http://shop.mav.vic.edu.au>

VCE

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

VCE REVISION LECTURES

VCE revision lectures for students in Mathematical Methods, Specialist Mathematics and Further Mathematics are held each year. Students receive detailed revision notes and the lectures are delivered by highly qualified and experienced, practising teachers.

VCE EXAM SUPPORT

- MAV produces worked solutions to the VCAA examinations
- Trial exams are also published each year.