

MAV GUIDE 2022

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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 works with teachers and school leaders to enhance student outcomes in mathematics and numeracy, better preparing students for their personal, professional and civic lives. We support educators in developing and delivering curriculum and programs that challenge our students to become the future of mathematical creativity and innovation. In doing so we develop educator skills in implementation of evidence-based and cutting edge teaching and learning approaches.

We work directly with students to increase their engagement and success in mathematics through various programs.

We are educational experts and leaders, supporting the future of mathematics education from early childhood to Year 12. Through our 100+ events per year we reach over 60,000 educators, students and parents across metropolitan and regional Victoria.

MAV's core services include:

- Professional learning
- In school consulting
- Teaching and learning resources
- Annual conference
- Primary and early childhood conference
- Student activities
- Parent support
- 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 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
- 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

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, building leadership capability, 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.

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.



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. In 2022, MTQ will have a Financial Literacy focus, with the support of the Victorian Department of Education and Training.

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.

MAV22 CONFERENCE

Valuing mathematics in a changing world

The focus of MAV22 is on valuing mathematics across our education system and society.

Mathematics plays a crucial role in our personal, professional and civic lives. Mathematics is the foundation for responding to and managing societal issues, such as pandemics, environmental and social problems. At work, mathematics is used every day to communicate, plan, visualise, monitor, evaluate systems and processes, interrogate data and information, and predict outcomes in an increasingly information rich and technologically advanced society.

At a personal level, mathematics is used in context and underpins our ability to make informed decisions about personal finance or health, and recreation where numeracy is

required for daily life. Often out of sight and out of mind from our day-to-day activities algorithmic thinking underpins the new technology we see advancing around us.

As educators we want our students, parents and carers, and community to value and connect with mathematics in our fast-paced and changing world. We need to actively engage students and equip them to be problem solvers, and critical and creative users of mathematics now and in the future. This requires educators who are adaptable, innovative and flexible in their pedagogical practices.

We invite you to share your experiences of valuing mathematics at MAV22, to enrich and enhance our mathematics community's knowledge and practice.

Visit www.mav.vic.edu.au/Conference/Annual-Conference

VALUING MATHEMATICS IN A CHANGING WORLD



MAV22 CONFERENCE

1 & 2 DECEMBER 2022



PRIMARY AND EARLY CHILDHOOD MATHEMATICS CONFERENCE 2022

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

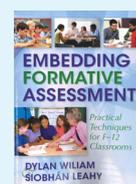
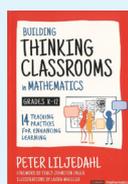
Evidence shows that quality teaching including teacher capability and confidence are key to student learning success. Join us to develop your capability and confidence as a mathematics educator and leader, exploring evidence for quality teaching, as we arm you with the tools and knowledge to provide the best student learning experience and outcomes.

Thursday 9 June 2022: Leaders day

Friday 10 June 2022: Teacher/educator day

www.mav.vic.edu.au/Conference/2022-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



THE MATHEMATICAL ASSOCIATION OF VICTORIA

CONTACT US

www.mav.vic.edu.au

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