

Inside

Page 2

From the President

Page 3

MAV 2002 Committees
MAV Library
Web Review

Page 4

New Publications

Page 5

Numeracy Week 2002
Problem of the Month

Page 6

2002 Maths Games
Days

Page 8

Maths Camp Report

Page 9-10

Professional
Development

Page 11

Publications Order Form

Page 12

PD Application Form

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Monday to Friday

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Membership Payments Now Due

Have you renewed your membership yet? Subscription notices were sent to members mid October 2001, and **payment must be received no later than 31 March** to ensure you do not miss future mailouts. If you have mislaid yours, or are unsure if you have renewed, just contact the MAV office on 03-9380 2399 and we can send you a copy. **Don't let your membership lapse and miss out on the extensive benefits available in PD and publications that the Association can offer both you and your school.**

2002 Ford Maths Talent Quest



In February you will have received details of the 2002 Ford Maths Talent Quest, including entry forms. Don't forget to send yours in and start thinking about what you might like to do. Applications close Friday 26 April, 2002.

If you have lost your information booklet or would like extra copies or further information about the event, you can download them from our website at: <http://www.mav.vic.edu.au/studact/mtq.htm>, or contact Pauline Rogers on 03-9380 2399, email progers@mav.vic.edu.au

Free PD Opportunity

The MAV is hosting a series of FREE PD sessions, both primary and secondary, focussing on the Ford MTQ and how you can use it to challenge and stimulate your students. See page 9 for further details. **Bookings essential.**

2002 Council Members

The MAV Council is pleased to welcome the following members, elected in late 2001:

- Dr Max Stephens, VCAA, ACU (President)

- Ms Glenda Bradley, Westbreen P.S. (Vice President)
- Ms Elizabeth Burns, Loreto Mandeville Hall (Secretary)
- Ms Anna Austin, Brighton Grammar (Treasurer)
- Ms Jill Cheeseman, Aust Catholic University
- Ms Lynda Ball, The University of Melbourne
- Ms Cathy Beesey, DEET
- Mr Jeff Capuano, Ivanhoe Grammar
- Ms Jennie Droge, DEET
- Mr Mark Hennessy, St Anne's School
- Ms Mary Papp, University High School
- Dr David Shallcross, The University of Melbourne
- Ms Sharon Taylor, DEET
- Mr Dave Tout, ARIS - Language Australia
- Ms Colleen Vale, Victoria University of Technology

MAV Committees 2002

The convenors for our committees for 2002 are detailed on page 3. If you would be interested in being involved in one of them, please do not hesitate to contact the relevant person.

Annual Conference 2002 - Call for Options

5 - 6 December 2002

Included with this mailout you will find a Call for Options form. Please start thinking about what you can present this year. Presenting entitles you to a free registration for up to 2 people, so you don't have to present alone! Remember that the best presentations often come from good teaching and research practice, which can help others, and that presentation may be yours.

From the President

In the February Common Denominator, I promised a report on the development of the AAMT Standard document. Will Morony, Professional Officer for AAMT, has kindly provided this special report for MAV members

DR MAX STEPHENS
President

AAMT Professional Standards for Excellence in Teaching Mathematics

At its January 2002 meeting, the Council of the Australian Association of Mathematics Teachers made some resolutions that will have major impact on the teaching and learning of mathematics in this country. The Council agreed to:

- Adopt, for the next 5 years the *Standards* as AAMT policy.
- Promote the *Standards* as an important, nationally agreed statement.
- Implement the *Standards* as a framework for professional development programs.
- Complete outstanding work on assessment.
- Develop and consult widely in 2002 on a model for assessment of volunteer teachers as being Highly Accomplished against the *Standards*.
- Establish a National Professional Standards Committee — Mathematics as the body with responsibility for carriage of this work.

Perhaps the most important thing to report, however, is the enthusiasm and commitment to the use of the *Standards* as an urgent and core priority in all mathematics teacher organizations in the country.

What are the Standards and where have they come from?

The *Standards* materials are in two parts. The core document — what we are calling the *Standards* — is a short summary of consensus statements that, as a whole, describe excellent teaching of mathematics. MAV members, as members of the AAMT, will receive a hard copy version of this document in the first mailing from the AAMT for 2002. It will also be available from the AAMT website.

The website will also contain a range of support materials designed to make the *Standards* “come alive”. These materials range from further explanation of the *Standards* to stories and examples of students’ and teachers’ work. A CD ROM containing the first set of this material will be distributed to members in the second mailing of 2002. The vision for this support

material is that it will be an ever-growing collection that reflects the dynamic nature of good teaching.

The AAMT *Standards* are *by teachers* and *for teachers*. The materials, and indeed all the basic research, has been the result of a three year project involving teachers in four states (including Victoria) working with colleagues from Monash University. Without, in particular, the contributions of these already busy teachers, the AAMT would not be in its current position as a leader in the national debates about teacher professional standards. The AAMT Council, on behalf of all members, expressed its sincere appreciation of these people’s professionalism and commitment.

Benefits to Teachers of Mathematics

The immediate benefits to teachers, and associations like the MAV include:

- A highly credible, nationally agreed statement that summarises best teaching practice in mathematics. This public statement will establish the credibility of the profession and influence standards development at the local, state/territory and national levels.
- Access to an increasing collection of professional support materials that are directly linked to the *Standards*.
- Linking of Professional Development to the framework provided by the *Standards*.

If and when teachers are assessed as Highly Accomplished against the *Standards* (from, say 2003, onwards), there will be the opportunity for those who wish to seek the endorsement of their work from their peers. Those who are credentialed will rightly be seen as leaders of the profession, and their knowledge and skills celebrated in public.

Standards 2002

Standards 2002 is the umbrella name for all work on the AAMT *Standards* being undertaken in 2002. During the course of 2002, the AAMT and its Affiliated Associations in all the states and territories, including the MAV will work collaboratively to:

- Establish the national infrastructure to oversee work on the *Standards*.
- Distribute and promote the *Standards* as the nationally agreed statement on excellence in mathematics teaching to the educational and wider communities.
- Complete some remaining developmental work on assessment of teachers against the *Standards*.
- Consult widely on a model for assessment of teachers as Highly Accomplished against the *Standards*.
- Continue to collect and publish support materials.

You can become involved in any of these aspects of the work of *Standards 2002*, either through the MAV or directly with the AAMT. Your first mailing from the AAMT (mid-March) will contain some more details, or for more information, go to the AAMT website (<http://www.aamt.edu.au>) and follow the links to Projects. Alternatively contact Will Morony in the AAMT Office (wmorony@aamt.edu.au)

MAV Committees for 2002

As a result of the MAV's strategic planning process, Council has taken the opportunity of redesigning the committee structure of the Association in 2002. The structure will be reviewed at the end of the year. This year, the following committees will support the Council of MAV, and members who would like to become involved are invited to contact the convenors as listed below:

Membership, Marketing & Communications Committee

Convenor: Dr Max Stephens,
m.stephens@unimelb.edu.au

This new committee will focus on the restructure of membership categories and services, with the aim of introducing the new structure in 2003. They will also look at the way the MAV communicates with its members and with the community in general.

Professional Support Committee

Convenors: Cathy Beesey, Mark Hennesy,
beesey.cathy.c@edumail.vic.gov.au,
mphennes@deakin.edu.au

The Professional Support committee will focus on both the publications and professional development programs for the Association, in order to ensure that we provide the highest quality professional support to our members.

Annual Conference Committee

Convenor: Glenda Bradley, gfradley@bigpond.com.au

Student Activities Committee

Convenor: Jeff Capuano, jeff.capuano@igs.vic.edu.au

Free Chalk Offer

The MAV has recently had a "spring clean" and come across 5 full boxes of chalk (100 pieces each) - 3 coloured and 2 white, which we would like to offer free to the first person to come in and collect them. Our address is 61 Blyth Street, Brunswick and we're open from 9am-5pm, Mon-Fri. There are also a dozen second hand chalk dusters available.

MAV Library - Come and Visit Us!

Members may not be aware that the MAV office in Brunswick has an excellent reference library for mathematics teachers and education students. We have recently completed a total reorganisation of our library, with the wonderful help of librarian Barbara Spiller and our Admin Officer, Marianne Reimann, so now you can easily search and locate the book that you are looking for. The collection of over 1300 items covers all year levels, and includes many of the current maths text books, resource books, hands-on activities, an excellent selection of national and international periodicals, as well as curriculum documentation. Feel free to visit us during office hours - the office is usually open Monday to Friday from 9.00am to 5.00pm, but it is always worth giving us a quick ring prior to coming in. Photocopying is available in the office @ 10c per A4 page.

In the future, we are planning to include the extensive catalogue on the MAV website, so you will be able to check out our collection before making the effort to visit. Keep an eye on the What's New page!

Web Review

The Online Teachers' Resource Network

www.otrnet.com.au/



The Online Teachers' Resource Network web site (OTRNet) aims to provide mathematics resources that support curriculum improvement and provide a richer learning experience for students. The list of commercial products are predominantly available through the Online Teachers' Resource Network, however, there are sample pages and files that can be downloaded from the site. There are also links to other useful sites including lesson resources and graphics calculators.

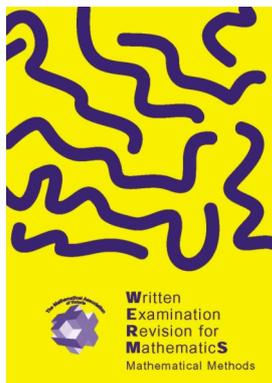
Teachers have prepared the materials available through OTRNet and the site is based out of Western Australia.

Text Books Needed

Boort Secondary College urgently wants to purchase approximately 20 copies of the black covered text "7 Plus" maths book (authors Schnabl, Schnabl and Wagstaff). Old editions would be fine. If you can help please contact Adrian Grogan on 5455 2201 or email ag@boortsc.vic.edu.au

New Publications

WERMS Books (Written Exam Revision for Maths)



Student exam revision books for Year 12 students of Maths Methods, Further Maths and Specialist Maths.

Based on past MAV trial exams, these books feature:

- Multiple choice questions
- Short answer questions, analysis questions
- Answers and worked solutions
- 2 complete past MAV papers

Suitable for the current accredited VCE maths courses.

\$28.50 per subject (inc. GST) plus postage
Maths Methods available now! Other subjects to follow.

Schools Around the World

Would you like to be part of an international professional development program? Schools Around the World (SAW) is a professional development program designed by the Council for Basic Education (CBE) in the United States and managed in Australia by the Australian Council for Educational Research (ACER). The program grew out of the need to understand what constitutes "world class" standards and works by giving teachers in each of the participating nations/regions the opportunity to examine and reflect upon their teaching practice via the analysis of student work. Schools Around the World gives teachers the opportunity to see what is expected, taught and achieved in other countries, and offers strategies to teachers around the world that lead to improving

student achievement. Participating countries are Australia, the Czech Republic, France, Germany, Hong Kong SAR, Japan, Portugal, United Kingdom, and United States. The focus is on mathematics this year and we would like to hear from any teachers in government schools who wish to participate. We are targeting Years 4 and 8 in particular, but other year levels are not excluded.

Further details are available from the web site www.s-a-w.org or contact Sue Fullarton at ACER either by email fullarton@acer.edu.au or phone 03 9277 5727.

Comedy Festival Special

Adam Spencer Returns!

After being overwhelmingly judged "best maths lecture" at the 2001 Melbourne Comedy Festival, Adam Spencer is returning this year for a talk entitled "The Universe - Almost Absolutely All of Most of It". Adam turns his comic ability and skill at explaining complex scientific principles in an easily accessible way to the biggest topic of them all - everything. "It's challenging for two reasons - firstly, the universe is much less funny than pure mathematics - secondly, I don't really know that much about the subject matter, but hey I've still got a couple of weeks".

April 19 and 20, Capitol Theatre, \$20 adults - **book now on 03-9650 4017!!**

ASX Schools' Sharemarket Game

Entries for the second Australian Stock Exchange Schools' Sharemarket Game will be taken from 31 July to 21 August, 2002. The game gives students a chance to apply their mathematics skills to the art of share trading. For further information visit the ASX website at <http://www.asx.com.au/sharegame>

Common Denominator Deadlines – April 2002

Receipt of copy:	Monday 25 th March, 2002
Receipt of inserts:	Monday 8 th April, 2002
For mailing on:	Monday 15 th April, 2002

Products and services advertised and opinions expressed are not necessarily those of the Editor or the MAV.

Numeracy Week 2002

Numeracy Week 2001 (August 5 - 11) showed a high level of involvement and participation, and indicated that consideration be given so that maximum participation of schools across the state could be achieved. Literacy Week 2001 (September 3-9) has had a significant impact on raising public awareness of literacy issues and has provided a forum for schools and their communities to celebrate these achievements. To better support schools Literacy and Numeracy Week will now be combined.

National Literacy and Numeracy Week will be celebrated from 2 - 8 September 2002, to coincide with International Literacy Day on Sunday September 8. Victoria will also celebrate Literacy and Numeracy Week at this time.

Problem of the Month

(Suitable for all levels)

What Am I?

Two half circles with a line to meet.

A triangle with feet.

A half circle.

A circle complete.

A diagonal connects parallel lines.

Diagnostic Topic Tests 2000 Edition

Maths Methods – Units 1, 2, 3 & 4

Further Maths – Units 3 & 4

Specialist Maths – Units 3 & 4

Diagnostic Topic Tests

- have been specifically written for the currently accredited VCE Mathematics courses.
- allow teachers to monitor and identify students' strengths and weaknesses throughout the year.
- contain fully-worked solutions with diagnostic comments and mark allocation.
- provide questions which develop skills and competencies appropriate to each topic.
- include approaches to answering questions.
- identify concepts being tested.
- identify rules and formulas to be applied.
- offer advice and hints on effective examination techniques.

Also available for Biology, Chemistry, Physics & Accounting.

Trial Examinations 2002

Maths Methods – Units 1, 2, 3 & 4

Further Maths – Units 3 & 4

Specialist Maths – Units 3 & 4

- Exams for Units 1 & 2 are ideally suited to be used by teachers for their final testing of students.
- Exams for Units 3 & 4 allow teachers to prepare their students for the style and difficulty of the final exams.

Also available for Biology, Chemistry, Physics, Psychology, English, Accounting, Business Management, Economics and Legal Studies.

Smartstudy® Titles Now Available!

Smartstudy Maths Methods for Exam 1

Smartstudy Maths Methods for Exam 2

Smartstudy Specialist Maths for Exam 1

Smartstudy Specialist Maths for Exam 2

- Each book contains a comprehensive set of exam questions by topic along with 3 complete practice exams.
- Call NEAP for discount pricing of class sets.

Also available for Biology, Chemistry and Physics.

For further information or to be placed on the NEAP teacher mailing list, contact:

National Educational Advancement Programs (NEAP) Pty Ltd

58 Pelham Street Carlton Victoria 3053 Tel 03 9663 2523 Fax 03 9663 7182 Web Site www.neap.com.au

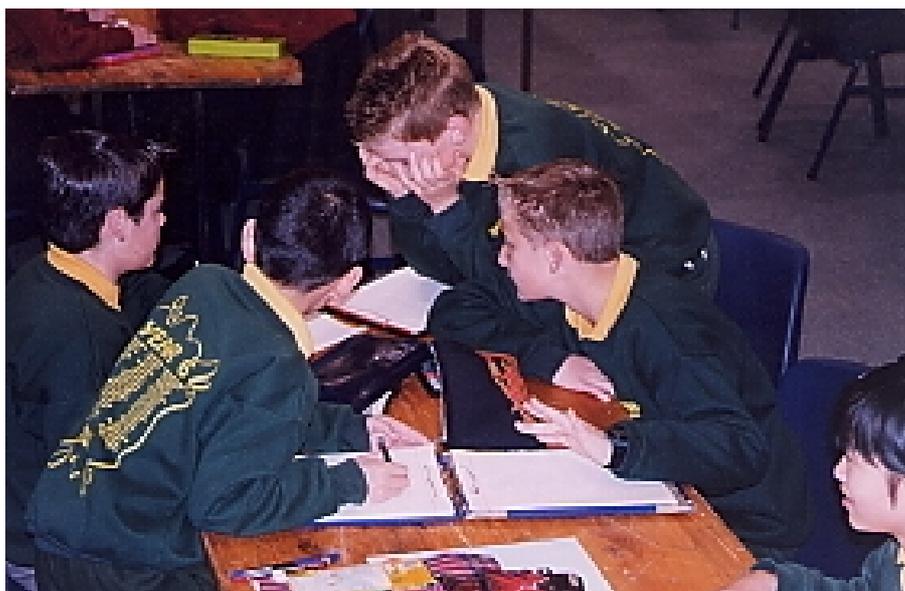
Maths Games Days

Games days are a great way for students to be involved in mathematical activities in a different context while still having fun! The days generally involve teams of 4 students representing their school in a competitive nature. The focus on the day is not winning but having the opportunity to be involved in some team based activities. The structure of the day generally consists of:

- registration
- problem solving
- games
- hands-on activities (in some cases)
- awards and thank yous

2002 Games Days

Year Level	Date	Location	Contact Details
Year 5	Wednesday 8 May	St Catherine's School	Hayley Graham Ph: 9822 1285
Year 6	Friday 30 August	Genazzano FCJ College	Phil Tascone Ph: 8862 1000
Year 8	Wednesday 24 July	Penleigh and Essendon Grammar School	Roger Blackman Ph: 9336 1855
Year 9	Wednesday 19 June	Blackburn High School	Mike Westbrook Ph: 9878 4477
Year 10	Friday 9 August	Methodist Ladies College	Allason McNamara Ph: 9274 8108



Students at a 2001 Maths Games Day

YEAR 5 STATEWIDE GAMES DAY AT



St Catherine's School

The Year 5 Statewide Games Day organised by St Catherine's School, in conjunction with the MAV, will be held on Wednesday 8 May, 2002, at St Catherine's Junior School, Heyington Place, Toorak.

Schools may nominate one or two teams of four students each, at a fee of \$20 (including GST) per team. The day's activities will start at 9-9.30am for registration and conclude at approximately 2.30pm. Morning tea and lunch will be provided. The Games Day promises to be one which is intellectually challenging, competitive and fun. Part of the day will feature a construction challenge.

Details: students need to bring pens/pencils and please note that no calculators are permitted

Please detach the form below and mail it, along with your entry fee to the address shown below by Thursday 28 March.

Make cheques payable to St Catherine's School (ABN: 90 004 251 816).

Further enquiries should be made to Hayley Graham on 03-9828 3062, or fax 03-9828 3058. E-mail: hayley.graham@stcatherines.net.au

Tax Invoice

MATHEMATICS GAMES DAY FOR YEAR 5 STUDENTS, 8 May 2002

St Catherine's School
17 Heyington Place
Toorak VIC 3142

NAME OF SCHOOL: _____
ADDRESS: _____ POSTCODE: _____
PHONE: _____ FAX: _____
EMAIL: _____
TEACHER CONTACT: _____
NUMBER OF TEAMS: _____

Send this form with your payment to:
Ms H. Graham, c/- St Catherine's School, 17 Heyington Place
Toorak VIC 3142

IMPORTANT: A completed copy of this form becomes a **Tax Invoice** on payment. Keep a copy of the completed form for your records. The original must be returned with your payment. Date: ____/____/____

Note: each school needs to provide a supervising teacher/parent

Somers Maths Camp 2002

"I had one of the greatest times, so many nice people"

"Food was great!"

"Camp was pretty good, the food was excellent and the setting was superastic. Thanks for all the great fun, learning and swimming!!! Three thumbs up!"

Report

The Maths Camp held late in the summer school holidays at Somers in Westernport Bay was an outstanding success, providing 41 students from schools throughout the state with a great start to the 2002 VCE.

The students were involved in maths sessions that included VCE advice, interesting topics and unusual areas of mathematics, presented by highly reputed teachers, university lecturers and VCE examiners. Each day basically consisted of three 90-minute workshops, free time, evening sport and team 'maths' competitions as well as guest speakers. The workshops were designed mostly to give students an opportunity to explore Mathematics they might not otherwise experience in a school setting, but also to give students an insight into Unit 3 & 4 Mathematics. Topics included Integration Problems, Chaos, Misconceptions, the Ancient Art of Paper Folding, Games of No Chance, Orienteering, Games, the CAS Experience and a variety of Modelling Activities.



Some of the students during a tutorial

But it was not all hard work! There was a strong sports program and social events and with the camp located

near the beach, students had the opportunity for swimming. Everyone involved clearly enjoyed their time at the camp, and thanks needs to be passed on to all of the people involved.



On the beach!

Very special thanks go to all the workshop leaders; Dietmar Schaffner, Danny Choo, Elizabeth Burns, Allason McNamara, Jan Honnens, Jenny Holland, Libby Kempton, Pauline Rogers, and Russell Jenkins, whose workshops were thought-provoking, entertaining and of real benefit to the students. The camp also enjoyed two wonderful guest speakers: Philip Swedosh and David Leigh-Lancaster, who gave students invaluable advice on how to best prepare for Unit 3 & 4 Mathematics and maximise their study scores through the various assessment tasks. Dr Philip Swedosh also contributed to the behind-the-scenes organisation, the daily workshops and the running of the camp as the Camp Director. Thank you Philip!

According to their returned evaluation forms, the students who attended the camp all valued the workshops and would happily recommend any student interested in mathematics to attend next year. The climax of the camp, a concert put on by the students, followed by a social evening, was, they assure us, something not to be missed.

Details of the 2003 camp will be sent to schools in Term 2. In the meantime, if you would like further information, please contact Pauline Rogers at the MAV office on 9389 0304.

Professional Development 2002

Bookings are now being taken for the following professional development activities in the 2002 MAV program (registration form on the back of this issue). Further workshops and their details will be published monthly in 2002 in this newsletter, and online at www.mav.vic.edu.au. All prices quoted below are GST inclusive.

Date, Time, Cost	Description	Venue
Mon 3 June 4:30-6:30pm \$40 members \$50 non-members (inc. GST)	<p>Open-Ended Activities & Numeracy Teaching (P-6) <i>(Peter Sullivan)</i></p> <p>In teaching numeracy, we want to challenge students but not break their confidence, we want to stimulate creativity but not lose sight of the structure of mathematics, and we want to develop robust concepts but not turn mathematics learning into a remembering exercise. Open-ended activities can provide prompts for experiences that challenge the students, allow creativity in approach, and contribute to the building of conceptual understanding. This session presents a range of types of open-ended activities, describes the ways that such activities can be used to support student learning, and outlines the contribution that such approaches can make to school and level planning, and the building of classroom learning communities.</p> <p><i>The MAV and La Trobe University Mildura are co-hosting this professional development session.</i></p>	La Trobe University MILDURA Book through the MAV office on 9380 2399 or use the application form on the back of this issue

Free Ford Maths Talent Quest PDs

The 2002 Ford Maths Talent Quest is a fantastic way to motivate and challenge students to take part in maths investigations. These **free** sessions will include examples of students' work, how to get started, topic ideas, time management, resourcing, type of entries, and how to incorporate MTQ into the school reporting system. The 2002 Ford Maths Talent Quest, turns **21** this year, so help us celebrate by being involved.

All sessions are being presented by teachers from schools whose entries went on to represent Victoria in the 2001 National MTQ. Some sessions will also involve student entrants of the quest. MAV Student Activities Officer, Pauline Rogers, will also be present at each session and available to answer questions. **Bookings are essential.**

Date and Venue	Description
Wed 20 March (4:30-6:00pm) Sydenham Hillside P.S., Community Hub, Sydenham	Primary MTQ Session , presented by June Penney, Helen Whiteley, & Jan Davidson (Darley Primary School)
Thur 14 March (4:30-6:00pm) Gardenvale P.S., Lancock St, East Brighton (Library)	Primary MTQ Session , presented by Berenice Laser (Gardenvale P.S.)
Tue 12 March (4:30-6:00pm) Our Lady of Sion College, Whitehorse Rd, Box Hill	Secondary MTQ Session , presented by Jennifer Le Marshall (Our Lady of Sion College) and Anthony Novak (Sacred Heart Girls' College)
Mon 18 March (4:30-6:00pm) Overnewton College, Overnewton Rd, Keilor (Penman Centre)	Secondary MTQ Session , presented by Darrell Craig, Liz Treloar and students (Overnewton Community College)

After School Series (4:30-6:30pm)

This year, the MAV is offering several series of after school PD presentations focussing on different year levels, to be held at venues throughout Victoria. There will usually be two metropolitan venues and one country venue. These programs are still being finalised - further details will appear in next month's Common Denominator. For the most up to date information, visit the MAV website at: <http://www.mav.vic.edu.au>

Cost: \$40 (inc. GST) per session for members; \$50 (inc. GST) per session for non-members

Special member's offer - make 4 bookings for any combination of sessions in the series and only pay for 3!

	Topic	Location/Venue	Date
CHALLENGING 9'S AND 10'S	1. Challenging 9's and 10's <i>(Presented by Charles Lovitt)</i> Teaching at Grade 9 and 10 levels can be rich, invigorating, cheerful as well as purposeful. Teachers have created some wonderful lessons at this level to achieve such an atmosphere in the classroom - a selection of these lessons will be workshopped and discussed. The most exciting aspect is how a multiplicity of features can all exist simultaneously within the one lesson, greatly increasing the probability of both engagement and progress.	Oberon High School, Geelong	Wed 8/5/02
		Overnewton College, Keilor	Thurs 9/5/02
		Heathmont Junior Coll, Heathmont	Wed 15/5/02
	2. Interactive Worksheets for 9's and 10's <i>(Presented by Sandy Fletcher) *</i> This hands-on workshop will enable participants to experience a range of activities, which incorporate the use of technology. This allows students to learn at their own rate, thereby helping teachers to cope with mixed ability classes. Part of this session will involve instruction on how to create your own interactive worksheets. Teachers will leave the workshop with examples of worksheets that they have created.	Oberon High School, Geelong	Thurs 15/5/02
		Overnewton College, Keilor	Wed 22/5/02
		Heathmont Junior Coll, Heathmont	Wed 29/5/02
	3. From Filing Cabinet to Classroom <i>(Presented by Pauline Rogers) *</i> This session will concentrate on providing teachers with a wide range of ready to go activities. A smorgasbord of practical, hands-on fun activities to be used with those hard to challenge, hard to motivate year 9s and 10s. Opportunities to work through some of the activities and share ideas on enthusing students and teachers will be given.	Oberon High School, Geelong	Wed 29/5/02
		Overnewton College, Keilor	Thurs 6/6/02
		Heathmont Junior Coll, Heathmont	Wed 12/6/02
	4. Classroom Strategies for Students with Learning Difficulties <i>(Presented by Sharon Azzopardi & Laura Gregory) *</i> This session will look at students in the middle years with mathematical learning difficulties, in view of improving their learning outcomes with a language focus. Various strategies, which can be used to make tasks accessible to all students, will be demonstrated, as well as steps on how to clarify problem solving activities. The application of mathematical investigations, using the computer as an option to structure tasks, will be outlined. This approach can be made to be adaptive in response to student learning difficulties.	Oberon High School, Geelong	Wed 12/6/02
		Overnewton College, Keilor	Thurs 25/7/02
		Heathmont Junior Coll, Heathmont	Wed 24/7/02

***All highly sought after and successful presenters at the 2001 December MAV Annual Conference.**

PD Venues Wanted!

Since our February Common Denominator, a number of schools have approached the MAV offering to host our after school series of professional development. Would your school also like to act as host for an after school series (approx. 40 people)? Perhaps you know of a venue that could cater for our full day programs (approx. 150 people), which would need to have 4 or 5 break out rooms for individual sessions. The locations we are particularly interested in are Hamilton, Warracknabeal, Swan Hill, Shepparton, Bendigo, Ballarat, Bairnsdale and Traralgon, as well as the northern and western metropolitan regions. If you would like to volunteer your school or have any suggestions please contact Mary Walkinshaw on 9380 2399 or email mwalkinshaw@mav.vic.edu.au

MAV Publications Order Form

TAX INVOICE

To order any of the publications advertised in this newsletter, fill out the details below and return this form with your payment to the MAV at 61 Blyth Street, Brunswick, Vic, 3056 or by fax on (03) 9389 0399.

Contact Name: _____

School: _____

Address: _____ Post Code: _____

Telephone Number: (____) _____ Fax Number:(____) _____

Please supply:

Qty	Title	Total
Postage and Handling inc. GST For orders: less than \$40 - \$5.00, from \$41 to \$100 - \$7.00, over \$100 - \$10.00. For overseas orders, contact the MAV office for rates.		
TOTAL PAYABLE INC. GST		

Method of Payment

Please note: orders will not be processed until we have received full payment or you have quoted your school's purchase order number below.

1. Cheque: I enclose my cheque/ money order for \$_____ (made payable to the MAV)

2. Credit: Bankcard Mastercard VISA

Card Number:

Signature: _____ Expiry date: _____

Cardholder's name: _____

• Purchase Order Number: _____

The Mathematical Association of Victoria - ABN 34 004 892 755
 61 Blyth Street
 BRUNSWICK VIC 3056

Professional Development Application Form

TAX INVOICE

School: _____

Address: _____

Postcode: _____

Telephone: _____ Fax: _____

Principal's Endorsement (if required): _____

MAV Membership: Institutional Individual Non-member

JCSAN Member: If member, name of Association: _____

Please note that school/institutional members can send up to 4 people at the member's rate. Any more attendees must pay the non-member rate.

Please reserve places for the following:

Date	Title of Session	Name of Attendees	Cost (inc. GST)
TOTAL COST INC. GST			

Method of Payment:

I enclose a cheque/money order/purchase order for \$ _____ (made payable to MAV)

Purchase Order No. _____

OR

Please charge \$ _____ to my: Bankcard Mastercard VISA card

Card Number:

Name on card: _____

Expiry Date: _____ Signature: _____

Please return this form to:

The Mathematical Association of Victoria (ABN 34 004 892 755)

Cliveden, 61 Blyth Street, BRUNSWICK VIC 3056, Tel. 9380 2399, Fax. 9389 0399

ACKNOWLEDGEMENT LETTERS

Letters of acknowledgement are only sent out to attendees for full day professional development sessions. Those people attending after school professional development sessions will only be notified if a place is not available.

CANCELLATION:

If you are unable to attend a session that you have booked into, refunds will not be issued if you cancel your booking less than 48 hours prior to the session.