




# The Common Denominator

The Newsletter of The Mathematical Association of Victoria

Newsletter No. 218  
April 2006

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### 2006 MAV Annual Conference – Calling all Presenters!

**7-8 December 2006  
La Trobe University, Bundoora**

Have you ever considered presenting at the MAV Annual Conference?

You don't have to be a professional speaker to apply. In fact, the MAV encourages all hands-on educational professionals to give a presentation at the conference and share their experiences in teaching and learning with like-minded individuals. If you present more than 1 session you receive 2 days free conference registration.

To apply simply go to:

[www.mav.vic.edu.au/pd/confs/index.html](http://www.mav.vic.edu.au/pd/confs/index.html), download the "Call For Option Application", fill it in and fax back to MAV on 03 9389 0399 or mail to MAV, 61 Blyth Street, Brunswick VIC 3056.

### Have you renewed your membership for 2006?

Membership information and tax invoices were included in the February newsletter.

If you haven't renewed your membership for this year, we have sent you another invoice, so please keep an eye out for it. Please note that if you choose not to renew your membership, this will be your final mailout.

### Maths Talent Quest 2006

This annual event provides an opportunity for teachers to help students to use mathematics to understand themselves as thinkers and to recognise the importance of mathematics in everyday life. The MTQ is a competition focussed on mathematical investigation with the topics being determined by students.

Please visit the MTQ website at [www.mav.vic.edu.au](http://www.mav.vic.edu.au) to download the **Information Booklet**, entry form, examples of previous student work, resource books, PowerPoint presentation and flyers.

Once your school judging has been **COMPLETED** the entry form should be submitted by 16 June (to receive the Early Bird rate) or by 7 July (Normal rate), with delivery of entries for State judging by 26 July.

A unique opportunity also exists for staff to **JUDGE** entries. This provides a great wealth of ideas for future projects by viewing entries from P-12.

For more details and key dates please visit [www.mav.vic.edu.au/studact/mtq.htm](http://www.mav.vic.edu.au/studact/mtq.htm)

#### COMMON DENOMINATOR DEADLINES FOR 2006

Term	Issue	Copy	Inserts	Mailed
3	219	14/6	23/6	5/7
4	220	13/9	22/9	4/10

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Office hours: 8.30am – 5.00pm  
Monday to Friday

President: Mr Ray Peck

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## From the President

### A MESSAGE FOR BEGINNING TEACHERS

I'd like to welcome all beginning teachers of mathematics in primary and secondary schools to the profession. Congratulations you made it through the first term! You've been busy getting to know your students and your school and I imagine that you were pleased first term was quite short, so you had a chance to rest and get organised for Term 2.

You will be noticing the difference teaching classes on your own and, I hope, you are relishing this opportunity to get to know your students and enjoying this experience. I hope that you are all being supported by a team of more experienced colleagues. Conversations that I have had with beginning teachers indicate to me that you have realised the support is there for all manner of concerns that you may have, and that you only need to ask.

### Mentoring

You may already have identified a colleague who is acting as a mentor for you. It's a good idea to do this. You may be working in a school that has a structured mentor program and so this has been in place for you from the beginning.

Alternately, you may be working in a school with a strong practice of teamwork and so are mentored by the team. A mentor will share resources with you and help you to develop our own teaching style.

Don't forget that you can still learn a lot from observing lessons taught by other teachers or team-teaching with them. A successful mentor relationship requires you to take the initiative in asking questions, proposing ideas and resources, seeking feedback and engaging in professional conversations.

### Feedback from students

Good teachers seek informal feedback from their students during the lesson. They do this by observing students' interest in the lesson and their understanding of the task and ideas involved in the lesson. You could seek more formal information from your students through student self-evaluations or written responses to questionnaires.

Here is a set of questions prepared by David Clarke (1992) from his IMPACT Procedure:

- Write down the two most important things you have learnt in maths during the last month.
- Write down at least one sort of problem that you continue to find difficult.
- What would you like more help with?
- How do you feel in maths classes? (Provide a list of words and they can circle one).
- What is the biggest worry affecting your work in maths at the moment?
- How could we improve maths classes?

There are many other formats that you could use for this type of self-assessment and feedback. The important part of seeking this kind of information from your students, is respecting their points of view and acting on their ideas to improve your teaching and their learning.

### Networking

Another opportunity for you to continue your professional learning is through involvement in networks and groups. These may be in your school community, in the region, with your pre-service teacher colleagues, or with the professional association – the MAV. Involvement in networks and their programs is a great way to gather ideas, reflect on your practice and continue your ongoing professional learning.

### MAV professional learning and networking for beginning teachers

There is also support for you from the MAV. Our professional officers will endeavour to answer your questions and point you in the direction of resources, activities and program. We run a broad range of professional learning activities. You can find out more about these on the MAV website.

This year we have decided to run a specific program for beginning teachers – check for details on our website.

Good luck with your teaching career. We hope you will find the resources and activities of the MAV helpful to you and your students. And we hope you will become involved in MAV activities.

Reference: Clarke, D. (1992). *Assessment Alternatives in Mathematics*. Carlton: Curriculum Corporation.

**Colleen Vale**  
President

## Welcome new Professional Officer

We welcome Shirley Marshall, our new Professional Officer to the MAV. A qualified mathematics teacher, she brings a wealth of experience and knowledge to the MAV with more than 16 years experience in both primary and secondary schools.

Other previous experience includes training coordinator roles in industry, education consultant in a school support centre and 18 months as a volunteer English teacher in Thailand with Australian Volunteers International (AVI).

Most recently she was a project manager at the Consultancy and Development Unit (CDU) in the Faculty of Education at Deakin University for more than four years. She managed education projects for clients such as DE&T, VECCI, Hong Kong University and the Beijing Education Commission, and managed professional development programs.



Shirley Marshall

## Gift Voucher Prizes for Students 2006 Badge Competition

For several years now the MAV has sold badges suitable for all kinds of primary and middle years classroom occasions. Page 1 of the MAV catalogue shows the current offerings.

As part of the MAV's centennial celebrations the Publications Committee is generously offering \$50 gift vouchers for any badge ideas selected for publication. The Committee is seeking student generated designs; contributions should show text and the associated graphical design ideas. Designs should be suitable for both or either primary and post primary years. The 2006 Badge Competition will run until 30 April 2006. Entries should be sent to the MAV offices marked: Attention Zofia Wiacek.

$n\sqrt{e^w}$

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## Step back in time at the MAV Centenary Dinner

Come and help us celebrate MAV's 100th Anniversary at University House, University of Melbourne, at the original residence of the founding president, Professor Edward John Nanson.

Current, former members and friends of the MAV are invited to join us for a special night of dining and entertainment.

**When:** Saturday 24 June 2006

**Where:** University of Melbourne

**Cost:** \$95 (includes 3 course dinner, drinks and entertainment)

We'd be delighted if you could attend this centenary dinner.

**Limited places available, so book now!** To reserve your place, email Julie Allen at [jallen@mav.vic.edu](mailto:jallen@mav.vic.edu) or ring 9380 2399

## A “VELS and Reporting” report from Ian Lowe, our busy Professional Officer

Over the last month I have spoken in PD events to over 1200 teachers about VELS. I think they are now smiling, because the basic message has always been ‘DON’T PANIC’.

We have discovered that the new version of the mathematics standards of VELS is easy to read, and not much different to the CSF. We have discovered that the Standards are the same as every fourth progression point, and the other progression points are written to help teachers to assess student progress in the gaps. There is some new content, but Venn diagrams are already familiar to teachers, so even the apparently new dimension of Structure is really no reason to panic.

Most teachers are relieved to learn that the Progression Points are NOT a teaching program and therefore most schools do not have to change their planned curriculum in any significant way at all. The changes that might be required are related to the ideas of “deep levels of thinking and application” (a phrase from POLT #4 that many teachers seem to relate to) and to Working Mathematically (one of the dimensions in VELS standards).

The majority of schools are making little change to reporting at this stage. However, many schools are shortly to use the new reporting system to report English and Mathematics. It requires getting used to rating numbers (such as 3.25, 3.5 and 3.75 leading up to Level 4.0) replacing “Beginning”, “Consolidating” and “Established” within Level 4. It is different from the AIM use of similar numbers, but at least parents won’t get the numbers, just letters A to E. The rating letters show the child’s developmental progress in relation to chronological age, with a band two semesters wide for each letter. So A is two years ahead, B is one year ahead, C is “average”, D is one year behind and E is two years behind.

The letters report the child’s progress upwards, but schools will probably also want to report ‘achievement’, or success at what has been attempted, as a separate grade, although the letters A to E may no longer be used for this purpose. Extensive typed comments may also be used to report progress as well as achievement.

For the benefit of teachers who have not attended a more extensive workshop I have provided this very short summary of the major issues that have arisen in the workshops already conducted. Many more are scheduled in term 2. To learn if your region or cluster has a date planned, please contact the regional office or a cluster leader, or Ian Lowe at MAV on [ilowe@mav.vic.edu.au](mailto:ilowe@mav.vic.edu.au).

Do your current 7-10 maths texts truly address  
the Victorian Essential Learning Standards?

Essential Mathematics for V.E.L.S.  
Years 7-10

The complete resource package for every student  
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## 2006 VCE Examinations Support Material

The Victorian Curriculum and Assessment Authority has prepared sample examination papers and questions for the recredited VCE Mathematics studies 2006 to 2009. These are available at

[www.vcaa.vic.edu.au/vce/exams/examsassessreports.html](http://www.vcaa.vic.edu.au/vce/exams/examsassessreports.html)

For further details please contact Kris Allen, VCE Assessment (Exams) (03) 9651 4343.

As a service to the mathematics education, the MAV has prepared worked solutions to these papers and questions, available now from the MAV web site at no cost and with a license to distribute within your school.

## Forthcoming Professional Learning

Second term sees the MAV setting out to support maths teachers with the implementation of the Victorian Essential Learning Standards (VELS), particularly in the areas of assessment and reporting.

A special VELS Curriculum Leadership Day will be run for both primary secondary school teachers, where we will work with you to develop a practical and workable implementation plan for VELS assessment and reporting. These will be held on different dates and at different locations in May and June followed by a series of what we have called 'Mini Conferences', catering for primary and secondary teachers.

Full details can be found in the professional learning flyers circulated with this edition of *Common Denominator*.

## Web Review

The website of the Statistical Consulting Centre at the University of Melbourne has a bunch of material about statistics that is \*specifically\* targeted at mid to late secondary, early tertiary level. It was created years ago for a University of Melbourne Discovery Day, and this year it was updated and revamped. Visit the website below:

<http://www.scc.ms.unimelb.edu.au/whatisstatistics/>

## New Publications

### There's a problem to solve...

Written by Glenys Stade and Paula Mc Mahon for middle school students (Years 6-9), this set of three exciting new books gives a structure to assist students in developing strategies for problem solving. The accompanying CDs contain dynamic PowerPoint presentations designed to introduce each of the problem solving concepts as a motivational tool.

Description	Member	Non-Member
Book 1 Years 6 & 7	\$31.90	\$39.90
Book 2 Year 8	\$39.90	\$49.90
Book 3 Year 9	\$39.90	\$49.90

Complete Set	\$96.00	\$120.00
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Note: All prices include GST

The logo for 'Fresh Starts' is displayed in a stylized, cursive font. The words 'Fresh Starts' are written twice, one above the other, in a light grey color.

### VCE Mathematics Application Tasks 2006

The MAV has commissioned a series of experienced VCE mathematics teachers, along with contributors from engineering and research fields to generate **FRESH STARTS** to assist teachers in devising suitable application tasks for Further Mathematics Unit 3, Mathematical Methods Unit 3 and Specialist Mathematics Unit 4.

ONLY \$20!!!!

ORDER YOUR CD-ROM NOW. Refer to the publication form on page 12.

## Activity of the Month – Counting, Number Patterns, Addition and Subtraction

Professor Morris Puzzle 2

© Doug Williams, 1997

Many numbers now have gone,  
But many I am leavin'.  
When you find the missing ones  
You'll know that they are \_\_\_\_\_.

	9		7		5
9		7		5	
	7		5		3
7		5		3	
	5		3		1



### Task Centre Connection

- Task 8: Addition Totals
- Task 11: Lining Up
- Task 42: Secret Number

### Strategy

Look for a pattern, work backwards

### Solution

Start in one corner and count horizontally and vertically by ones.

### Start Talking

- ◆ What type of numbers are missing (or showing) each time?
- ◆ How can you tell if a number is odd or even?
- ◆ What patterns can you find diagonally?
- ◆ Add up all the numbers in the first row. ...the second row ... the third row. Can you predict the total for the fourth and fifth rows?
- ◆ What about in the columns?
- ◆ Can you make a chart which counts back by 2, 3, 4... horizontally and vertically?
- ◆ Can you make a chart which counts back by different amounts horizontally and vertically?
- ◆ Can you extend the chart up or down, left or right?

Professor Morris Puzzles were created by Doug Williams with artwork by Rob Mullarvey.

The 50 Poster Puzzles are suitable for Years 2 to 8 to generate talk about mathematics. All puzzles can be photocopied for your class. Find out more on: [www.mav.vic.edu.au/PSTC/refer/pmorris.htm](http://www.mav.vic.edu.au/PSTC/refer/pmorris.htm)

Buy the loose leaf pack from our catalogue: [www.mav.vic.edu.au/pubs/index.html](http://www.mav.vic.edu.au/pubs/index.html)

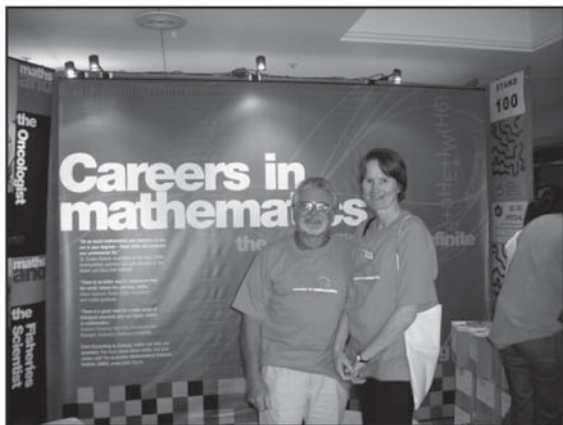
## THE AGE VCE & CAREERS EXPO 21-23 APRIL 2006

If you have students of any age with an interest in mathematics, bring/send them to the Caulfield Racecourse in April. The venue is opposite Caulfield Station and has ample free parking.

The MAV, in partnership with the **Australian Mathematical Sciences Institute** (AMSI) will be running a stand promoting careers in mathematics. We will be placed amongst over 140 other exhibitors, all orientated towards helping young people understand the wide range of career and life choices open to them.

The AMSI/MAV stand will have teachers and mathematicians present and keen to answer any queries aspiring mathematicians may have. They will also be handing out some wonderful resource material advocating careers in maths (careers' teachers take note!).

For more information on prices and times please visit <http://www.vceandcareers.com.au/>



Mike Westbrook & Anna Austin at the Expo in 2004

## Centenary Quilt Project

Readers will recall that Ian Lowe has called for teacher-quilters to take part in creating a special quilt to help celebrate MAV's centenary. At this stage six quilters have contacted Ian at [ilowe@mav.vic.edu.au](mailto:ilowe@mav.vic.edu.au) and the project is being coordinated by Annette Brauneis, an experienced quilter and designer. A publication is also planned using the quilt as a focus. To become involved, contact Ian urgently on 9380 2399.



## Mathamazing is returning to Scienceworks

Mathamazing is a maths experience that provides an interactive and cross-disciplinary approach to organising information, making decisions, creative problem solving and logical reasoning. Exhibits cover areas including shapes, probability, sequences and series, topology, mathematical puzzles, computing and mechanics.

Developed by Questacon - the National Science and Technology Centre, Canberra

Available from 17 April – 16 September 2006 at Scienceworks

Suitable for Years 5 – 12

For further enquiries please phone 9392 4819.

## Mike Askew is coming to town

Mike Askew is Professor of Mathematics Education at King's College, University of London and freelance writer, trainer and consultant.

A former primary school teacher, he now researches, lectures and writes on teaching and learning primary mathematics.

He is best known for leading a team of researchers in the UK to find out what makes a teacher at the primary level an 'effective teacher of numeracy'.

Their findings not only make good reading, but also have wide implications for teaching, teacher education and curriculum at both primary and secondary levels.

Two different all-day sessions will be held at the Association of Independent Schools, Victoria, 30 Garden Street, South Yarra. Although Mike cannot be expected to directly relate his findings to VELS, those present at his two days of PD (see below) will find it easy to see VELS implications in the findings he will share.

Details about each day are available from AISV, see below.:

Cost is \$44, including lunch. Dates are April 6 and 7 (Thursday and Friday). For bookings and more information, please contact Trudy Ambler at AISV, on 9825 7208 or [trudy.ambler@ais.vic.edu.au](mailto:trudy.ambler@ais.vic.edu.au)

## Big Science Competition – Thursday 18 May 2006

The Rio Tinto Big Science Competition has been created by teachers and academics nation-wide to provide a test of real scientific thinking for Australian students.

Open to all secondary school students, the next Rio Tinto Big Science Competition will be held in each participating school on Thursday 18 May 2006.

To find out more visit [www.rtbsc.edu.au/www/index.cfm](http://www.rtbsc.edu.au/www/index.cfm)

For an entry form, please email: [mail@amt.edu.au](mailto:mail@amt.edu.au)

## Australian Informatics Competition – Thursday 25 May 2006

Australian Informatics Competition (AIC) is an entry level event requiring no programming or technology, but forming a useful identifier of programming skill. This is highly recommended for students who wish to be considered for selection for higher invitational activities, which would lead to selection in Australian teams.

To find out more visit [www.amt.edu.au/aic.html](http://www.amt.edu.au/aic.html)

For an entry form, please email [mait@amt.edu.au](mailto:mait@amt.edu.au)

## Australian Mathematics Competition – Thursday 27 July 2006

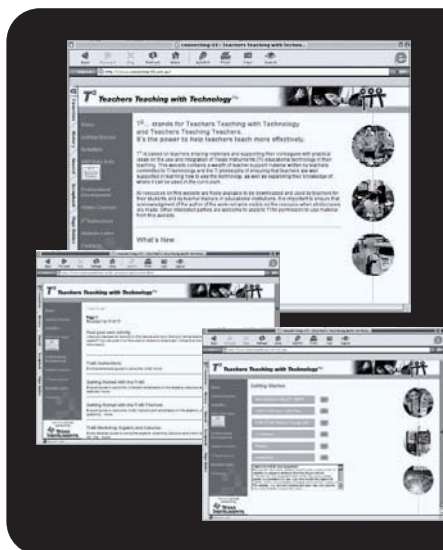
The Australian Mathematics Competition for the Westpac Awards (AMC) is the original and one of the largest competitions of its kind in the world per capita.

It is open to all students from school years 3 to 12, not just the mathematically gifted. Experts in each region moderate the paper for syllabus suitability.

To find out more visit [www.amt.edu.au/aic.html](http://www.amt.edu.au/aic.html)

For an entry form, please email [mait@amt.edu.au](mailto:mait@amt.edu.au)

## T<sup>3</sup> Teachers Teaching with Technology – Support Programs



T<sup>3</sup> Teachers Teaching with Technology™ website  
[www.connecting-t3.com](http://www.connecting-t3.com)

This website is especially designed for teachers, offering an excellent range of locally and internationally developed materials for successful integration of TI technology into the classroom.

What you will find at [www.connecting-t3.com](http://www.connecting-t3.com)

- Step-by-step tutorial for beginners getting started with TI technology
- Local and international teacher developed classroom activities for maths and science
- Over 30 FREE data sets from the Australian Bureau of Statistics (ABS)
- Details on our professional development services for teachers
- On-line professional development course details
- Web links to other important websites
- How to contact TI for further help

For details telephone Australia 1300 138 140, New Zealand 0800 770 111,  
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or visit [www.connecting-t3.com](http://www.connecting-t3.com)

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 **TEXAS  
INSTRUMENTS**

6070W07EX3B2 05/05



## STATEWIDE MATHEMATICS GAMES DAYS

*A new setting for mathematics - Novel and challenging tasks - Competitions and prizes - FUN!*

Problem solving and mathematical games address the VELS domains of the Interdisciplinary Learning strand:

### **Creativity**

“The capacity to think creatively is a central component of being able to solve problems and be innovative. In the Creativity dimension, students learn to seek innovative alternatives and use their imagination to generate possibilities. They learn to take risks with their thinking and make new connections.”

### **Thinking Processes**

“This domain encompasses a range of cognitive, affective and metacognitive knowledge, skills and behaviours which are essential for effective functioning in society both within and beyond school. The study of thinking enables students to acquire strategies for thinking related to inquiry, processing information, reasoning, problem solving, evaluation and reflection.”

What better way to enhance your students' skills with this Interdisciplinary Learning strand than attending a Games Day?

A Maths Games Day is an opportunity for students to develop their mathematical talents and thinking skills in a setting where maths is regarded as fun and worthwhile with like-minded students from a diverse range of schools. It is an ideal way for students to participate in mathematical activities without the usual classroom pressures and is a very effective vehicle for getting young people – particularly in the middle years of schooling – excited about maths.

Teams of 4 students compete for a variety of prizes. Individual prizes are awarded for creativity, contribution to group work, lucky door prize, etc. The participants are not necessarily the mathematically brightest in the school but are drawn from those who have a keen interest in mathematics and who can operate as a team. Lateral thinking wins the day.

Teachers also have an opportunity to meet colleagues from other schools, attend a professional learning activity and to inspect displays of teaching resources.

Maths Games Days are organised and run by a Games Day Committee made up of representatives from the host schools.

The MAV is interested in promoting a state and a nation-wide competition and would like to hear from schools, particularly in country regions, who are considering running a Games Day either within their own school or for the region. Please contact Michael Westbrook [mwestbrook@mav.vic.edu.au](mailto:mwestbrook@mav.vic.edu.au) or phone: 9389 0207.



### **TENTH STATEWIDE GAMES DAY AT PENLEIGH AND ESSENDON GRAMMAR SCHOOL**

The Tenth Statewide Games Day for year 8 students, organised by Penleigh and Essendon Grammar School in conjunction with the MAV, will be held on **Wednesday 12<sup>th</sup> July, 2006**, at the senior campus of Penleigh and Essendon Grammar School in Rachele Road, East Keilor.

Schools may nominate one or two teams of four students each, at a fee of \$40 per team GST inclusive. Registration will commence at 9:00 am for a 10.00 am start to the activities and games. It is expected that the day will conclude at approximately 2.30 pm. Lunch will be provided for participating students and accompanying staff. The Games Day promises to be intellectually challenging, competitive and fun.

The closing date for entries is Fri, 16 June, 2006

Further enquiries should be made to Lucy Smigielski at Ph: (03) 9016 2000 Fax:(03) 9016 2200

E-mail: [Lucy.Smigielski@pegs.vic.edu.au](mailto:Lucy.Smigielski@pegs.vic.edu.au)

# The Common Denominator

## 2006 Games Days

The following Games Days are confirmed for 2006.

Year	School	Date	Contact	Email	
5	St Catherine's School	Tues 2 May	Karen McAsey	<i>karen.mcasey@stcatherines.net.au</i>	Fully booked <i>Join waiting list</i>
6	Genazzano FCJ College	Frid 25 Aug	Ritsa Athanasiadis	<i>athanr@gen.melb.catholic.edu.au</i>	<i>Register online</i>
7	Overnewton Anglican Community College	Monday 28 Aug	Liz Treloar	<i>liz.treloar@overnewton.vic.edu.au</i>	<i>Register online</i>
7	Scotch College	Mon 28 Aug	Michele Linossier	<i>mailto:liz.treloar@overnewton.vic.edu.au</i> <i>Michele.Linossier@scotch.vic.edu.au</i>	Register online
8	Penleigh and Essendon Grammar	Wed 12 July	Lucy Smigielski	<i>lucy.smigielski@pegs.vic.edu.au</i>	Register online
9	Brunswick Secondary College	Wed 10 May	Michael Westbrook	<i>mwestbrook@mav.vic.edu.au</i>	<i>Register online</i>
10/11	St Michael's Grammar School University of Canberra Maths Day	Thurs 15 June	Vahe Sargsyan	<i>vsargsyan@stmichaels.vic.edu.au</i>	

For information and registration visit [www.mav.vic.edu.au/studact/games\\_days.htm](http://www.mav.vic.edu.au/studact/games_days.htm)

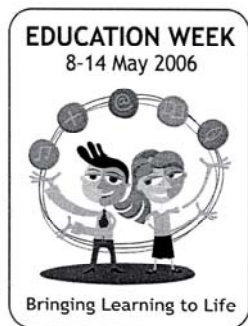
## Monash University Probabilistic Footy Tipping Competition

At least \$512 in prizes to be shared amongst at least the Top 10 secondary school students who play the probabilistic competition this year! Entry is FREE.

### How to register

To find out more or register to tip, go to [www.csse.monash.edu.au/~footy/](http://www.csse.monash.edu.au/~footy/)

Happy Tipping!



## YEAR 9 STATEWIDE GAMES DAY

*Bringing Learning to Life*

### **An Education Week activity supported by the Department of Education**

The Year 9 Statewide Games Day organized by Brunswick Secondary College, in conjunction with the MAV, will be held on Wednesday, May 10 2006, at Brunswick Secondary College, 45 Dawson St. Brunswick.

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 9:30 am for registration and conclude at approximately 2.30pm. Morning tea and lunch will be provided for accompanying teachers. The Games Day promises to be one which is intellectually challenging, competitive and fun.

Students need to bring morning tea, lunch, pens/pencils. No calculators are permitted.

A professional development activity will be provided for teachers.

Please complete the electronic form to reserve your place, then mail a copy of it, along with your entry fee, to the address below by Wed, April 26. Places tend to fill very quickly, so apply as soon as possible or you may miss out.

Make cheques payable to Brunswick Secondary College (ABN: 34 989 696 626) and mail to M Westbrook c/- Brunswick Secondary College, 45 Dawson St., Brunswick 3056.

Closing date for entries is Wed, April 26, 2006.

Further enquiries should be made to Michael Westbrook [mwestbrook@mav.vic.edu.au](mailto:mwestbrook@mav.vic.edu.au)

Register by completing the electronic form found at [www.mav.vic.au/studact/gamesdays/year9.htm](http://www.mav.vic.au/studact/gamesdays/year9.htm)



The Mathematical Association of Victoria

## Publications Order Form

To order, fill out the details below and return this form to the MAV at 61 Blyth Street, Brunswick, Vic, 3056 or by fax on (03) 9389 0399. Enquiries can be directed to the MAV on (03) 9380 2399. *International: Replace (03) with (613).* **E-mail enquiries: office@mav.vic.edu.au**

This form will become a **Tax Invoice/Receipt** when payment is received  
ABN: 34 004 892 755

**Contact Name:** \_\_\_\_\_

**School:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Suburb:** \_\_\_\_\_ **Post Code:** \_\_\_\_\_

**Phone Number:** ( ) \_\_\_\_\_ **Fax Number:** ( ) \_\_\_\_\_

*Please supply:*

Item No	Quantity	Title	Total
<b>Postage &amp; Handling inc. GST</b> <i>For orders less than \$40 P&amp;H \$5.00</i> <i>For orders from \$41 to \$100 P&amp;H \$7.00</i> <i>For orders over \$100 P&amp;H \$10.00</i> <i>For overseas orders please contact the MAV office for rates</i>			
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  **Expiry date:** \_\_\_\_/\_\_\_\_ (MM/YY)

**Card Number:**

**Cardholder's name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

3. **Purchase Order Number:** \_\_\_\_\_

### CREDITS/RETURNS POLICY

All books and materials are supplied on a firm sale basis only. Returns are only acceptable in cases of incorrect deliveries, goods damaged in transit or faulty print and bind. Notification of incorrect supply, incorrect invoices or damaged goods must be made within 30 days of invoice date. Damaged and unacceptable goods will be replaced at the expense of The Mathematical Association of Victoria. Authority to return books must be obtained from The Mathematical Association of Victoria before books are returned. Credits will only be issued when necessary for agreed incorrect deliveries, damaged goods or incorrect invoices.