



The Mathematical Association of Western Australia (Inc.)

CALL FOR PRESENTERS

STATE CONFERENCE

15 - 17 AUGUST 2008

Dear Colleagues,

Many influences are impacting on mathematics teachers: New approaches and courses to master, different means of assessment and reporting, improved technologies, and greater focus on students who require remediation and extension. Therefore, the professional sharing that occurs at conferences is especially important for teachers in Western Australia.

This letter is your invitation to share your professional contribution with colleagues at the MAWA State Conference, whether as an individual or as a Mathematics Department.

We are looking for presenters to share productive teaching ideas, facilitate discussion on topics of interest, or to pass on expertise in practical workshops. Sessions can be either 40 minutes, 60 minutes or 80 minutes duration.

The Conference enjoys excellent accommodation and catering, and a full social programme. The Bunbury campus of Edith Cowan University has superb IT and presentation facilities.

Presenters will be acknowledged with a small gift, and receive certification appropriate for recognition by WACOT and employers.

The MAWA State Conference is always recognised as friendly and supportive – a good place for people to conduct their first-ever conference presentation.

As a true professional, we all have a responsibility to share our ideas and enhance the knowledge and understandings of our colleagues. So please complete the attached form and make a significant contribution to your profession.

I look forward to hearing from you.

Barry Bastow (Conference Convenor)
Jodi Bavin (Perth Modern School)
Tyril Houghton (Newton Moore SHS)

Noemi Reynolds (John Curtin College)
Chris Coman (Bunbury CGS)
Bobbi McMullin (MAWA Office)

Barry Bastow
Conference Convenor

AAMT STANDARDS FOR EXCELLENCE IN TEACHING MATHEMATICS IN AUSTRALIAN SCHOOLS

<p><u>Professional Knowledge</u></p> <p>A strong knowledge base to draw on in all aspects of professional work, including decision making, planning & interactions</p>	<p><u>1.1 Knowledge of students:</u></p> <ul style="list-style-type: none"> • Students' social & cultural contexts • Mathematics they know & use • Preferred ways of student learning • Confidence in learning mathematics 	<p><u>1.2 Knowledge of Mathematics</u></p> <ul style="list-style-type: none"> • A broad understanding of mathematics & how it links with other subject areas and wider society • Representation and communication of Mathematics • Confidence & competence in using Mathematics • Coherence of different areas within mathematics 	<p><u>1.3 Knowledge of Students' learning of Mathematics</u></p> <ul style="list-style-type: none"> • Understand mathematical development of students • Aware of range of effective teaching strategies & techniques • Use of Information Technology • Encourage parent involvement • Effective role models 	
<p><u>Professional Attributes</u></p> <p>Committed & enthusiastic professionals with extended knowledge of mathematics & student learning</p>	<p><u>2.1 Personal attributes</u></p> <ul style="list-style-type: none"> • Enthusiasm for mathematics • Conviction that all students can learn mathematics • Set high achievable standards • Enables students to become autonomous and self directed learners • Care & respect students 	<p><u>2.2 Personal Professional development</u></p> <ul style="list-style-type: none"> • Undertakes sustained purposeful Professional Development • Aware of relevant current trends & learning technologies • Active collegial professional interaction • Reflective practitioners 	<p><u>2.3 Community responsibilities</u></p> <ul style="list-style-type: none"> • Positive advocates for mathematics in the wider community • Strategies for assisting students' mathematical development outside the classroom • Active engagement with colleagues – networking & mentoring • Active participation in school decision making 	
<p><u>Professional Practice</u></p> <p>Make a positive difference to the cognitive & affective learning outcomes for students</p>	<p><u>3.1 The learning environment</u></p> <ul style="list-style-type: none"> • Create environment to maximise students' learning opportunities • Aware and responsive to students needs & talents • Empowers independent learners • Creates an inclusive, caring learning environment 	<p><u>3.2 Planning for learning</u></p> <ul style="list-style-type: none"> • Flexibility to allow spontaneous self directed learning • A variety of appropriate teaching strategies • Acknowledge Student's prior mathematical knowledge • Provides opportunities to explore and apply mathematics across key learning areas 	<p><u>3.3 Teaching in action</u></p> <ul style="list-style-type: none"> • Arouse curiosity, challenge thinking and engage in active learning • Purposeful mathematic dialogue • Negotiate mathematical meaning • Promotes & supports creative thinking & risk taking • Provides strategic intervention & appropriate assistance • Provides opportunities for social construction of knowledge 	<p><u>3.4 Assessment</u></p> <ul style="list-style-type: none"> • Regularly assess, report & record student learning outcomes • Range of assessment strategies • Use assessment to plan appropriate future learning experiences • Provides constructive, purposeful feedback to all stakeholders

* A full version of this document may be found on the AAMT website: www.aamt.edu.au



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OFFER TO PRESENT

MAWA State Conference

15 - 17 August 2008

First name _____ Surname _____

Institution _____

Phone _____ Fax _____

Email _____

Presentation details

Title _____

Abstract details (50-100 words) Please send as an attached file in an email to office@mawainc.org.au

This year we will link the presentations to AAMT's Standards of Teaching (see summary). Please indicate the Standards that most relate to your session by circling one or more of the ten items below:

Professional knowledge	1.1	1.2	1.3	
Professional attributes	2.1	2.2	2.3	
Professional Practice	3.1	3.2	3.3	3.4

Level (please tick at least one):

- Primary
 Middle School
 Secondary
 General Interest

Preferred time (order 1 to 3):

- Sat am
 Sat pm
 Sun am

Preferred length of time:

- 40 minutes
 60 minutes
 80 Minutes

Overhead projectors and a whiteboard are provided for each session. Do you require:

- Data Projection Unit? Yes / No
Computer lab? (specify software) Yes / No
Internet Connection? Yes / No
Is this a commercial session? Yes / No

Please communicate your intentions as early as possible, and no later than 25 May.

MAWA has a privacy policy that endorses the National Privacy Principles set out in the Privacy Amendment (Private Sector) Act 2000. A copy of the privacy policy can be found on our website www.mawainc.org.au

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