



Manitoba Association of Mathematics Teachers

A Time for Change

CANAD INNS Polo Park

PROGRAM

Each speaker will present an all day session. There are no half-day sessions.

8:30 a.m.–2:30 p.m.
Publishers' Displays

9:00–11:30 a.m.
Speakers' Sessions

11:30 a.m.–1:00 p.m.
Lunch
(make your own arrangements)

1:00–3:30 p.m.
Speakers Sessions

We are pleased to present three outstanding speakers: Jennifer Taylor-Cox, Marian Small, and Trevor Brown.

EY100 Differentiated Math Instruction

Dr. Jennifer Taylor-Cox

By incorporating formative assessment, targeted instruction, flexible grouping, strategic intervention and meaningful challenge, teachers can meet the diverse academic needs of our students. Participants will learn how to differentiate math instruction with easy and effective strategies applicable to every math class. Dr. Jennifer Taylor-Cox is an enthusiastic, captivating presenter. Her keynote speeches, workshops and presentations



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are always high-energy and insightful. Jennifer earned her PhD from the University of Maryland. She is the author of many professional articles and books including Family Math Night, Math Standards in Action, Math Intervention: Building Number Power (Grades K–2 and 3–5) and Differentiating in Number and Operations K–2, and Differentiating in Geometry to name a few.

Audience: Early Years Grades K–4
Code: EY100

MY200 Asking the Right Questions to Build Middle School Math Success

Dr. Marian Small

A successful middle school math program has to focus on the big ideas in math and has to meet a broad range of student needs, recognizing that not all students are at the same place. The use of open questions and parallel tasks will be the focus for differentiating instruction.

The development of lesson goals and consolidating questions based on “filtering” curriculum outcomes through big ideas will be the focus for ensuring that mathematics lessons concentrate on the math that really matters.

Dr. Marian Small is the former Dean of Education at the University of New Brunswick. She has been a professor of mathematics education for many years and is a regular speaker on K–12



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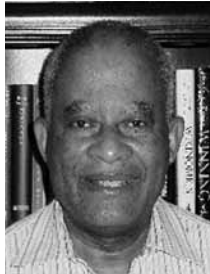
mathematics throughout Canada and the US. She has been an author of seven text series at both elementary and secondary levels in Canada, the US, Australia, and Bhutan. She has served on the author team for the National Council of Teachers of Mathematics Navigation series, PreK–2, for four years, as the NCTM representative on the Mathcounts question writing committee for middle school mathematics competitions throughout the US, and was also a member of the editorial panel for the NCTM 2011 yearbook on motivation and disposition. She has written a resource for both university pre-service teachers and practicing teachers: Making Math Meaningful to Canadian Students: K–8 as well as the professional resources, Big Ideas from Dr. Small: Grades 4–8, published by Nelson Education Ltd., and Good Questions: A Great Way to Differentiate Math Instruction K–8 and More Good Questions: A Great Way to Differentiate Secondary Math Instruction, jointly published by Teachers College Press, NCTM and Nelson Canada. She has also developed materials and provided consultation focused on working with struggling learners, differentiating instruction, and on teacher questioning in mathematics classrooms throughout Canada.

Audience: Middle Years Grades 5–8
Code: MY200

HS300 Developing Thinking Skills in Math

Trevor Brown

What are rich learning tasks and how can they be used to deepen our students' conceptual understanding of mathematics? In this session we will



have an opportunity to look at some rich tasks that have been developed to engage our students and deepen their conceptual understanding of the subject. Trevor's dynamic presentation style combined with his thought provoking ideas make for an effective and entertaining workshop.

Trevor Brown is a former Mathematics Consultant for the Toronto District School Board. He has served as the Course Director in Mathematics Education at the Ontario Institute for Studies in Education and York University. Currently Mr. Brown is an Associate Professor at Tyndale University College. Trevor has been a contributing author for Pearson's "Math Makes Sense" (Grade 9).

Audience: High School

Code: HS300

REGISTRATION

MAMT Membership

Full.....\$20.00

Student.....\$5.00

*Membership fees are in addition to the conference fee.

Conference Fees

Full Day

MAMT Member.....\$28.00

Student Member.....\$17.00

Non-Member.....\$32.00

Student Non-Member.....\$15.00

Full Day Conference and Membership

MAMT Full.....\$48.00

MAMT Student.....\$22.00

Refunds

Registration fees are refundable less 50% on or before October 1; non-refundable after October 1.

Late Fees

A late fee of \$10.00 will be charged to registrations postmarked after October 1, 2011.

Seating is limited so register early to avoid disappointment.

On-site registration will be determined by the number of seats remaining.

Check the MAMT website for updates on availability at www.mamt.mb.ca.

Parking is limited. Please carpool where possible.

Please indicate choice on registration form, enclose check or money order payable to

Manitoba Association of Mathematics Teachers together with a stamped self-addressed envelope to mail out your confirmation notice.

Mail to:

Muriel Wells

347 Harcourt Street

Wpg. MB R3J 3H6

NO POST DATED CHECKS

Registration Information

Alan Wells

Phone 837-4677

Conference Information

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