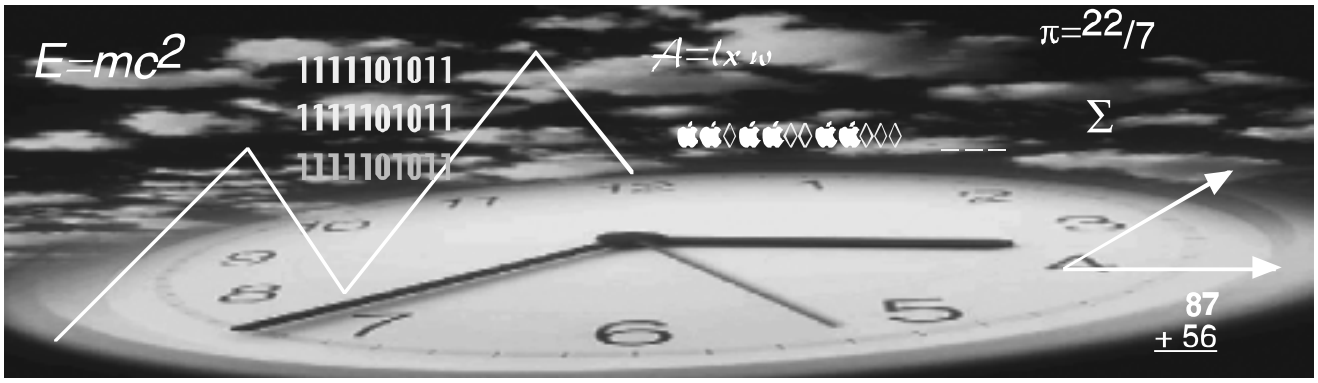
Ontario Association for Mathematics Education
Association ontarienne pour l'enseignement des mathématiques

2003 Leadership Conference



Leave No Child Behind

FEBRUARY 20-22, 2003
Four Points Hotel
(5444 Dixie Road, Mississauga, Ontario)

An opportunity to share strategies that help students learn mathematics with a focus on **one** of the following:

Grades JK - 3	---	Making Sense of Mathematics for all Primary children
Grades 4 - 6	---	Counting every Junior Child in
Grades 6 - 8	---	Helping all Intermediate students understand the "big ideas"
Grades 9 - 12 A	---	Teaching strategies and assessment that are necessary for success for some secondary students, but good for all
Grades 9 - 12 B	---	The effective use of enabling and assistive technologies in secondary Mathematics

All Inclusive Registration Fee: $420/$455 (OAME/non-OAME)
Includes: All sessions, 2 nights accommodation (2 people/room), meals, banquet, receptions, publishers' and suppliers' displays

WHY SHOULD YOU ATTEND THIS CONFERENCE?

... to improve instruction in your own classroom so that all students will feel motivated and successful;
... to further prepare yourself to deal with recent changes in curriculum, instruction and assessment;
... to acquire understanding and resources that will help you lead others as they grow and change;
... to acquire practical advice to share with colleagues about program improvement;
... to discuss and share thoughts and views on current issues with other educators

Program Overview

DAY	TIME	ACTIVITY
Thursday Feb. 20, 2003	6 p.m. - 8 p.m.	Registration in Hawthorne Room Foyer
	8 p.m. - 9 p.m.	OPENING KEYNOTE SPEAKER - **Bridget Harrison** ***"Leave No Child Behind"*** - Could anything be more significant to the students and parents of our time than having teachers/educators who are committed to this precept?
	9 p.m. - 11 p.m.	Reception
Friday Feb. 21, 2003	7 a.m. - 8:30 a.m.	Breakfast
	9 a.m. 12 noon	WORKGROUPS: Leaders Grades JK - 3: Jane Bennett, Paige Bennett, and Heather Spencer Grades 4 - 6 : Mary Lou Kestell, Kathy Kubota-Zarivnij, and Pat Margerm Grades 6 - 8 : Mary Kielo and Lindy Smith Grades 9 - 12 A: Rod and Anne Yeager, Kevin Spry Grades 9 - 12 B: Tom Steinke and Peter Maher
	12 :15 - 2:15 p.m.	Publishers'/Suppliers' Luncheon: preview of new products and an opportunity to view the many displays
	2:30 p.m. - 4:30 p.m.	WORKGROUPS
	4:30 p.m. 6:30 p.m.	Free Time
	6:30 p.m. - 7 p.m.	Cash bar
	7 p.m. - 9 p.m.	BANQUET & KEYNOTE SPEAKER – **Dave Mitchell** ***"They Laughed When I Stood Up to Teach Math."*** Dave will talk and sing to you about how he has managed to laugh through 28 years of teaching. Hear some of Dave's best anecdotes, student excuses, staff blunders, jingles, puppet skits and live music videos.
	9:15 p.m. - 11 p.m.	Reception
Saturday Feb. 22, 2003	7 a.m. - 8:30 a.m.	Breakfast
	9 a.m. 11 a.m.	WORKGROUPS
	11 a.m. -11:30 a.m.	Checkout (before lunch and closing session)
	11:30 a.m. - 1 p.m.	LUNCH, THANK YOUs AND GOOD-BYEs!

ABOUT THE KEYNOTE SPEAKERS

Bridget Harrison

Bridget Harrison has been an educator for 35 years in the roles of teacher, department head, vice-principal (both elementary and secondary), principal, and superintendent of schools. For two years she was seconded to the Ministry of Education where she was the Manager of the Secondary School Curriculum Project, and for 6 months was the Acting Director of the Curriculum and Assessment Policy Branch. Currently she is an adjunct lecturer at OISE for candidates in the secondary pre-service program and was recently part of a team from the Centre for International Education working with principals and teachers in Estonia.

Dave Mitchell

Dave Mitchell is currently Math Head at Cameron Heights C.I. in Kitchener. He is well known for using puzzles, songs, rap and stories to make math classes memorable. His presentations involve music, puppetry, math commercials, origami and more. Dave has been awarded the OSSTF Award of Excellence, The Stewart Award for Teacher Excellence, The Ontario Cable Television Producers' Award for Youth Programming and The Roy C. Hill (Hilroy) Award for Innovation in Teaching. His ArithmeCode puzzles are published as a weekly feature in a number of newspapers across Canada and his "fifteen minutes of fame" occurred when he chatted and performed live on national radio (CBC) in April of 1995 on Peter Gzowski's Morningside.

Program Details

Each participant will remain with the same workgroup for a total of 7 hours of workshop time

GRADES JK-3 WORKGROUP

When you sit and think about the children in your classroom, are there ones that are a continual puzzle to you? Do you find it hard to engage them in mathematics? This workgroup will discuss the ways to provide intervention and remediation for primary students in order for all students to make sense of mathematics and to achieve this within a community of mathematics learners.

Workgroup Leaders:

Jane Bennett is an acting Co-ordinator for Math, Assessment and Evaluation for JK-8 for the Halton DSB. She has experience as an instructional Consultant for Literacy and Mathematics, focusing on Primary, and has taught grades 1 to 3.
Palge Bennett is a Special Education Co-ordinator for JK-12 with the Halton DSB. Her experience includes being a special education resource teacher JK- 8, guidance counsellor, and classroom teacher.
Heather Spencer is an instructional Consultant for Literacy and Numeracy JK-8 for the Halton DSB and has taught grades 1 to 3 with many combined grades.

GRADES 4 - 6 WORKGROUP

Students in the junior division who struggle with mathematics do so for many varied reasons. Participants will be actively engaged in understanding the different ways that struggling learners perceive and process mathematical ideas and procedures. In fact they will experience a wee bit of what it might be like to be one of these students. Further, they will share ideas and materials that they have used successfully with reluctant learners. The presenters will demonstrate strategies so that all sorts of students can feel included, motivated, and successful in learning mathematics. Such strategies include providing accommodations and modifications in the math curriculum, applying reading strategies to learn math, and developing assessment tasks for students working at all levels.

Workgroup Leaders:

Mary Lou Kestell is a Program Consultant on the Nelson K-8 Math Program, on secondment from EQAO. She is a past president of OAME and OMCA and has written documents for MoE, OTF and the Fields Forum, including the first basic level curriculum.
Kathy Kubota-Zarivnij is a writer for Nelson K-8, on secondment from the Toronto CDSB as an elementary VP with a background in Special Ed. She has taught many preservice and AQ courses, and written for CCC, EQAO, MoE, NCTM, OAME, OCC etc.
Pat Margerm is a writer on the Nelson K-8 Math Program, a preservice teacher at York University and an AQ teacher at OISE/U of T. She has consulted and written for CCC, EQAO, NCTM, OAME, and the Learning Partnership.

GRADES 7- 8 WORKGROUP

When students are motivated and engaged, they develop a positive attitude towards mathematics. In the workshop, the presenters will discuss student learning styles, strengths, and needs. Together the participants will examine differentiated teaching, learning, and assessment strategies which provide opportunities for all students to build and apply understanding of the " big ideas" in mathematics at the Intermediate level.

Workgroup Leaders:

Lindy Smith is a Resource teacher for the Peel DSB. She provides support and workshops for teachers in Peel, has lots of classroom teacher experience at the intermediate level, and is the CHAMP representative on the OAME board of directors.
Mary Kielo is a Resource teacher who provides support and workshops for teachers throughout the Peel DSB. Mary and Lindy have 37 years of teaching experience between them and a passion for teaching Mathematics.

GRADES 9-12 WORKGROUP A

Teaching strategies and assessment... necessary for success of some students, good for all. The new secondary curriculum invites inclusion by its emphasis on application, inquiry and communication. The hurdle is in adjusting teaching and assessment strategies to satisfy the varying student needs. This workshop will focus on alternative classroom techniques, including the use of technology, manipulatives, and co-operative learning approaches to meet the challenges of the math curriculum, leaving no student behind!

Workgroup A Leaders:

Anne Yeager is a minor math head at Orangeville DSS and has co-authored "Mathematics 9, Exploring the Concepts" for 9 applied. Her 3 children taught her that " each student has unique strengths and diverse learning needs", upon which the workshop is based.
Rod Yeager has taught math for 30 years, spoken across the province on the challenges of the new curriculum, and co-authored "Mathematics 9, Exploring the Concepts" which reflects the strategies needed for success of many of our students.
Kevin Spry is a father of 5, and in his free time, math head in Shelburne, a T^3 instructor, co-author of new math texts for grades 10-12, co-lead writer for the MDM4U profile and workshop leader on technology and assessment throughout Ontario and the USA.

GRADES 9-12 WORKGROUP B

Participants will explore rich visual, tactile and kinesthetic learning and assessment environments through the effective use of enabling and assistive technologies. These environments are keys for unlocking the doors of learning for all our students in our secondary math classes. Enabling technologies to be explored include GSP4, Fathom, data collection devices (CBL2, CBR, TI83+, Vernier LabPro), presentation software (PowerPoint, Corel Presentations), spreadsheets, and the Internet. Assistive technologies include Kurzweil 3000, Co-Writer, and Inspiration.

Workgroup B Leaders:

Tom Steinke is the secondary Math and Science consultant for the Ottawa-Carleton CDSB. Tom's journey through music, teaching, engineering, consulting, and parenting makes him an advocate for the effective use of technology for improved student learning.
Peter Maher is the Math Head at L.B. Pearson CHS in Ottawa. His visual approach to learning has been particularly effective in applied classes with students whose reading and writing skills are barriers to learning math.

O.A.M.E. Leadership Conference 2003
Registration Form

Registration Fee (before December 31/02): OAME MEMBER **$420;** NON-MEMBER **$455**
Fee includes: All sessions; 2 nights at Four Points Hotel (2 people/room);
2 breakfasts, 2 lunches, 1 banquet, 2 receptions; taxes& gratuities.
Surcharge for Single Room: $125.00
Special rate without accommodation $320/355 (OAME MEMBER/NON-MEMBER).
Surcharge for Registration after December 31/02: $25

Name: _____ Sex: Male ☐ Female ☐
surname first name

Home Address:
street city postal code

School Name:_____Board_____

Telephone #: ( ) ( )
home business

Fax #: (_____)_____ Email:_____

OAME Member YES ☐ NO ☐ Membership#_____

I wish to become an OAME member YES ☐ and enclose $40 annual fee.

Conference Arrangements

I will be staying at the Four Points Hotel: YES ☐ NO ☐

I wish non-smoking accommodation: YES ☐ NO ☐

I wish to be booked accommodation with: _____
PRINT Name of Other Registrant for Conference

OR I wish shared accommodation to be arranged for me. ☐

OR I wish Single accommodation and enclose the $125 surcharge. ☐

Total Amount Enclosed: $ _____

Workshop Series Choice

Write 1 or 2 for first & second choice. Each workshop series will be filled on a first come basis

Grades JK-3 ☐ Grades 4-6 ☐ Grades 7-8 ☐ Grades 9-12 A (Yeagers/Spry) ☐ Grades 9-12 B (Steinke/Maher) ☐

Laptop

Both Grades 9-12 workshops recommend a laptop. If you chose one of these workshops, could you bring a laptop?
Yes ☐ No ☐

Please send this Registration Form and a cheque made out to OAME to:
70 Chestnut Crt, London ON, N6K 4J5

For further information phone or fax Sue or Dave Hessey: 519-471-6324
or email: oame.hessey@sympatico.ca