SCARBOROUGH ASSOCIATION FOR MATHEMATICS EDUCATION

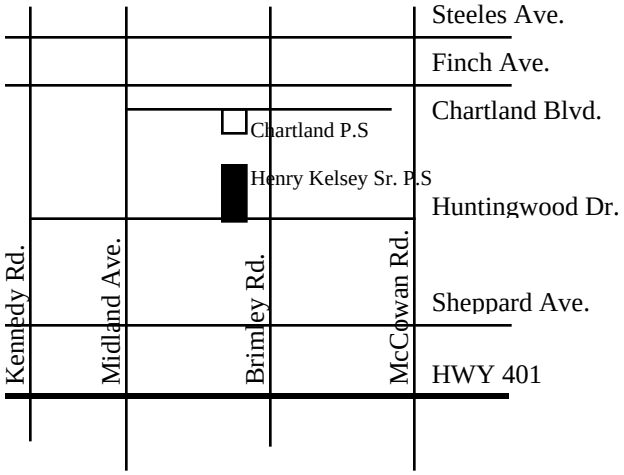
PRESENTS

MAKING MATH CONNECTIONS

MINI CONFERENCE

Wednesday, February 21, 2007

Henry Kelsey Senior Public School
1200 Huntingwood Drive, Scarborough



Parking at Kelsey P.S. and Chartland Jr.P.S.
Access to Chartland via Chartland Blvd. S.,
(between Huntingwood and Finch) or
Mollard Rd. (off Huntingwood, West of Brimley)

AGENDA

3:45 – 4:25 Registration, Publisher Displays
4:30 – 5:20 Workshop Session 1
5:30 – 6:20 Workshop Session 2
6:25 – 6:45 Publisher Displays
6:45 – 7:15 Dinner in Cafeteria
7:15 – 7:50 Keynote Speaker – Stewart Craven
7:50 – 8:00 LUCKY DRAWS!!!

– Exhibitors door prizes, one OAME registration package for 2007 ($175 value)

S.A.M.E. is a local chapter of the Ontario Association for Mathematics Education (O.A.M.E.)

S.A.M.E. FEBRUARY CONFERENCE

REGISTRATION FORM

NAME	
SCHOOL, UNIVERSITY or OFFICE	
E- Mail or DAY TIME PHONE	
PANEL (Elementary or Secondary)	
AFFILIATION (TCDSB, TDSB, Faculty of Ed, York Region, etc)	

WORKSHOP SELECTION

(Circle the workshop for each session. Circle both session numbers for double sessions)

	SESSION 1	**SESSION 2**
First Choice	**A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13**	**B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13**
Second Choice	**A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13**	**B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13**

COST (please check):

- o **$30.00 OAME Members. Include your membership number: _____**
- o **$ 35.00 Non-Members**
- o **$45.00 Same Day Registration**
- o **$20.00 for Teacher Candidates**

Please also indicate any dietary restriction(s)_____

Please complete and return this page with a cheque (event includes publishers display, 2 workshops and dinner) payable to S.A.M.E. Please do not send cash. Send BY FRIDAY FEB, 16, 2007.

Send payment and registration form by mail (or board courier) to:

Merilyn Fox
Henry Kelsey Sr. Public School (416) 396-6315
1200 Huntingwood Dr.,
Scarborough, M1S 1K7

No confirmations will be sent; receipts will be issued on site.

For information about the conference or S.A.M.E.
visit www.oame.on.ca
or contact John.MacLennan@tel.tdsb.on.ca (president)
Imshaan.Manji@tel.tdsb.on.ca (vice-president)

If you wish to join OAME or renew your membership, submit a separate cheque and this form along with your registration. We will mail it in for you.

OAME MEMBERSHIP FORM

NEW MEMBER……. RENEWAL……. CORRECTION…….. MEMBERSHIP #.....

OAME membership includes a chapter affiliation. Membership in a chapter will keep you informed of events in your designated chapter. Please circle a chapter from the list below. If you are unsure, consult the chapter map at www.oame.on.ca or contact the executive directors at EDs@oame.on.ca

CHAMP COMA GOLDEN GVMA ISOMA MAC2 NOMA NWOAME PINE RIDGE QSLMA SAME SWOAME TEAMS WOMA Y4MA

NAME: _____

HOME ADDRESS: _____
NUMBER STREET

_____
TOWN PROV POSTAL CODE

SCHOOL NAME: _____

BOARD NAME: _____

SCHOOL ADDRESS: _____
NUMBER STREET

_____
TOWN PROV POSTAL CODE

TELEPHONE # RES ( ) _____ BUS ( ) _____

FAX ( ) _____ email _____

Circle one: ELEMENTARY SECONDARY COLLEGE UNIVERSITY STUDENT RETIRED

Membership FEES: one year (CANADA) $45.00 5 year (CANADA) $205.00
Student member $25.00/yr Retired member $30.00/yr

AMOUNT ENCLOSED $.....(payable to OAME)
CREDIT CARD INFORMATION

Cardholder Name (print)……..Amount:……
Type (check one) Visa Mastercard
Card Number_____ Expiry Date_____

Authorizing Signature_____ Today's Date_____-

Mail to: OAME, 70 Chestnut Court, London ON N6K 4J5 or Fax to 519 471 6324

PRESENTER	TITLE/DESCRIPTION	TARGET AUDIENCE
Louis Lim (Session #1) **A1**	**Using TI-89 Titanium Computer Algebra Systems in High School Mathematics – Why? How?** Come and hear why Computer Algebra Systems (CAS) is important as well as receive classroom-tested activities that span grades 9 to 12. The future is now!	Grades 9-12
Louis Lim (Session #2) **B1**	**Using Reading-To-Learn High School Mathematics** In this session, participants examine the impact of a reading intensive program on students' learning of high school mathematics. Vocabulary development, information text, and student reflection are emphasized. The theme of visualization will be emphasized. Many practical strategies will be shared and classroom-tested worksheets will be provided.	Grades 9-12
Duncan LeBlanc (Session #1 and Session #2) **A2, B2**	**CAS for Beginners** Participants will get hands-on opportunities to explore the power of Computer Algebra Systems as mentioned in the curriculum documents.	Grades 9-12
Priscilla Bengo and Nancy Martins (Session #1 and Session #2) **A3,B3**	**Using Literacy Strategies and Graphic Organizers to Improve Mathematical Understanding** In the recent past, teachers have been introduced to a variety of literacy strategies and graphic organizers for use in Grade 9 applied mathematics. Our experiences with the latter students have shown that these literacy strategies and graphic organizers are effective in improving students' understanding of mathematics and can be adapted for students who struggle with reading and writing. We present these adaptations and introduce more adaptations from other disciplines for mathematics in the workshop for such students. The workshop presents many examples of adaptations that have been used successfully for students who struggle with reading and writing.	Grade 9 Applied

Wayne Erdman (Session #1 and Session #2) **A4,B4**	**Pascal's Triangle-A treasure of patterns** Pascal's triangle is one of the most famous patterns in mathematics. In this workshop, we will investigate a multitude of fascinating patterns in Pascal's triangle that seem to pop up out of nowhere. These patterns have applications to counting techniques, recursion sequences, relations, probability and algebra. See how Pascal's triangle can be used in any grade from 9 to 12. Classroom-ready handouts will be provided.	Grades 9-11
Ron Lancaster (Session #1) **A5**	**Mozart's Dice Game and other beautiful connections between probability, music, art and drama** In 1787, Mozart developed a method for composing music that involved cutting and pasting pre-written measures of music with the order determined by the outcomes of the rolls of a pair of dice. We will discuss how other artists have made use of probability in their works. Dice will be provided so that you too can roll and rock!	Grades 6-12
Ron Lancaster (Session #2) **B5**	**The Mathematical Lens** We may not realize it, but we all encounter mathematics as we go about our lives. To see the mathematics it helps to put on a pair of mathematical glasses and to view the world through this new perspective. We will discuss how teachers and students can record these occurrences of math by taking photos and how these images can be used as the basis of interesting and engaging mathematical questions.	Grades 6-12
Jung Choi-Perkins & Caroline Rosenbloom (Session #1) **A6**	**Making It Count!** First impressions last forever. Having that right environment sets the tone for the success of your math class. Learn how to motivate mathematical thinking and create an intriguing mathematics environment in your classroom with interesting posters, wall ideas, games & activities.	Grades 4-8

Elizabeth Ainslie (Session #1 and Session #2) **A7, B7**	**Using Integer Chips to Algebra Tiles** Many grades 7 and 8 schools have integer tiles while many secondary schools have algebra tiles. In this workshop, we'll examine the use of these manipulatives in helping students successfully become proficient in algebraic manipulation. From integer addition and subtraction to equation solving and beyond, the activities that will be shared are intended to be problem solving based and engaging for all levels of students in grades 7 through 10.	Grades 7-10
Lynn Lemieux (Session #1) **A8**	**Ratio and Proportional Reasoning** Ideas for working with ratios and proportional reasoning will be shared, with links to patterning and algebra, data management, and geometry, with additional connections listed to Grade 7 and 8 Science topics. Examples will be shared of two investigations/mini projects done by Grade 7 students. The examples are easy for teachers to do and require only simple equipment and materials.	Grades 7-8
Karlo Cabrera (Session #1 and Session #2) **A9,B9**	**Integrating Technology in the Primary/Junior Math Classroom** The revised curriculum mandates the use of technology in your math program, and you don't know where to begin? Never fear, it can be done, painlessly and even enjoyably. Learn some fast and easy ways to use technology meaningfully. Take away ideas you can use tomorrow. Find out what resources are available. Link your math program to language, art, science and other areas of the curriculum. Have fun! Become Super Teacher!	Grades SK-6
Leslie Pike (Session #1 and Session #2) **A10, B10**	**Math Fun At Home** Looking for a way to enhance your student's understanding of math concepts? Then Math Packs are just what you need! With just a little bit of time, and a small amount of money, you can provide your students the opportunity to take math home in a way that is fun and enjoyable. Math Packs are great to use across the Primary Division-from Kindergarten to Grade 3, not to mention for students in SERT, and Home School.	Primary

Marcelina Lobalsamo (Session #1 and Session #2) **A11, B11**	**"TOPPING" Off Math Strands; A Functional Hands-On Approach** This session will provide teachers with programming ideas that can be a springboard for enhancing their Mathematics program and will outline how to set up activities that will provide practical, hand-on, functional learning opportunities for students of various learning abilities. The workshop will highlight and reinforce the benefits in engaging students in alternative learning opportunities and addresses a variety of accomplishments for all learners. Activities will be integrated across the five Math Strands. Assessment opportunities using a variety of strategies will be provided. There will also be some focus on how to incorporate the term, differentiated learning. Resource material, student work samples and follow-up activities will be available.	Primary, Junior, Special Ed., Admin.
Rochelle Williams (Session #1) **A12**	**Making the Math/Language Connection** Making connections between mathematics and your language program opens the way to enhance learning opportunities through the use of stories, poetry and the like. This workshop will provide participants with examples of some fun and meaningful math/language connections.	Primary & Junior