

Professional Learning for Elementary and Secondary Teachers in
Peel Public, Dufferin-Peel Catholic, Halton Catholic and Halton Public Boards.



Credit Humber
Association for
Mathematics
Promotion

Expanding Math from K-12
Tuesday, October 18th
3:30 – 7:30 p.m.



3:30 – 4:30: Registration

4:30 – 5:30: Breakout Sessions

Session Description	Division
<p>Navigator and Nspire: A Perfect Combination – Fred Ferneyhough With recent changes, Navigator has become a tool that completely changes the classroom. In this session, we will see how it helps teachers address instruction, formative assessment and classroom management. If possible, bring your principal with you.</p>	<p>Intermediate /Senior</p>
<p>Gap Closing with Gizmos – Peter Wright This session will show how ExploreLearning Gizmos provide excellent interactive support for the Ministry of Education, Grade 9 Gap Closing materials. Following a brief overview addressing access and effective use of simulations, specific lessons from the Gap Closing materials will be modeled using the appropriate Gizmo.</p>	<p>Intermediate /Senior</p>
<p>Taking a mathematical ride on an escalator: One activity for many grade levels – Ron Lancaster Two people get on two escalators, one going up and the other going down. How does the distance between them change over time? We will examine how students can answer this question depending on their grade level by collecting data and analyzing the results using algebra and calculus.</p>	<p>Intermediate /Senior</p>
<p>Financial Literacy - Ready to Go! – Judy Mendaglio In 2010, the Ministry of Education published the Report of the Working Group on Financial Literacy. The Working Group was convened to gather information and conduct consultations about ways to embed financial literacy education into the curriculum. This summer, OAME, with Ministry funding, created lessons for grades 7 through 12 and professional learning resources for teachers and math leads. In this session, you will have an opportunity to explore these resources.</p>	<p>Junior/ Intermediate General</p>
<p>The Software That the Rest of the World is Using – Betty Temmer AUTOGRAPH! This world-class software is intuitive, highly visual and comprehensive. Autograph has the ability to replace all the other software programmes you are currently using including 2D and 3D graphing, geometry, and statistics. With its built-in whiteboard tools, Autograph is perfectly suited to interactive whiteboards and tablets. Come check it out!</p>	<p>Intermediate/ Senior</p>
<p>Processes Into Practice – Jennifer Viera and Phyllis Brouwer The focus of this session is on connecting the Process Expectations to the Content Expectations as outlined in the Ontario Mathematics Curriculum. Participants will explore each mathematical process and engage in creating prompts that can be used to enrich your mathematics classroom. Participants are asked to bring a copy of the Ontario Mathematics Curriculum document and a resource used for planning.</p>	<p>Primary/ Junior</p>

5:30 – 6:00: Vendor's Display and Professional Networking

6:00 – 7:30: Dinner and Keynote: **George Gadanidis**

*Marvelous Mathematics for All Ages:
Stretching Math Ideas Across Grades 1-12*

Why do young children have to wait until Calculus to explore infinity and limit, or grade 11 to play with sequences and series, or grade 9 to investigate linear functions (to give a few examples)? I'll share how we have been engaging grades 2-4 students with such neat ideas and discovering that although mathematics is big, kids' minds are bigger!



Registration:

Register using the Mathematics Conference Information System (MCIS) at www.oame.on.ca.

Fees: \$20 for OAME members \$30 for non-OAME members
 Membership in OAME \$45 (includes CHAMP membership)
 \$10 Faculty Students

Deadline for registration is Tuesday, October 11th

Map to St. Marcellinus Catholic Secondary School

**St. Marcellinus C.S.S.,
730 Courtney Park Dr. W.,
Mississauga, ON**

