GAINS Growing Accessible Interactive Networked Supports in Mathematics Education

GAINS Math Summer Institutes 2009

Grade 7-12 mathematics educators are invited to participate in the *GAINS Math Institutes 2009.* These 3 day institutes will be offered at 3 different locations*:* ***Ottawa [Aug 24,25,26], Thunder Bay[Aug 25,26,27] & London [Aug 25,26,27]*** . The cost of shared accommodation, meals, registration, and travel are paid in full by the Ministry of Education GAINS initiative. Spaces are being offered on a first come, first served basis.

In an effort to support participants in their journey to meet the needs of all learners, this professional learning experience will provide an opportunity to explore differentiated instruction with a focus on questioning. Participants will engage in hands-on problem solving activities that focus on the big ideas of patterning to algebraic reasoning. Sessions will enable participants to deepen their understanding of differentiated instruction, math talk learning communities, effective use of manipulatives and technology, teaching through the math processes, and assessment for learning. Opportunities to reflect upon new learnings will be provided through collaborative networking and dedicated time for focused conversation.

Each day will include a balance of plenary, breakout, and professional dialogue time. Participants will have the opportunity to select one of two breakout sessions for the duration of the institute:

- Patterning, Algebraic Reasoning and Linear Relations (Grades 7 – 10)
- Quadratic, Trigonometric and Other Relations (Grades 10 – 12)

Breakout selections will be formed at the institute.

Over the course of the three days, participants will have the opportunity to share experiences, ideas and insights from whole group and breakout sessions, with board and cross-board colleagues.

APPLICATIONS ARE ACCEPTED ON A FIRST COME, FIRST SERVED BASIS. When sessions become full a waiting list will be created.
Please complete the attached registration form by June 24th. Forwarding the completed registration indicates your professional commitment to attend. You will receive a confirmation by July 3rd.

Note: The Summer Institutes will be a customized version of Math CAMPPP offered August 17-21 in Barrie.

Registration is preferred electronically or can be mailed.

Registration form follows.

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GAINS Math Institutes 2009 Application Form

Name: _____

Email: _____ (to June 26th)

_____ (after June 26th)

School Board: _____Position: _____

Grade(s) taught: _____

School Address:

Street/Mailbox: _____

Town/City: _____ Postal Code: _____

Phone Number: _____Alternate: _____

Summer Address:

Street/Mailbox: _____

Town/City: _____ Postal Code: _____

Phone Number: _____ Alternate: _____

Please indicate your first and second preference of location:

- ☐ ***London [August 25, 26, 27]***
- ☐ ***Ottawa [August 24, 25, 26]***
- ☐ ***Thunder Bay [August 25, 26, 27]***

- ☐ **I will be commuting each day**
- ☐ **I require shared accommodation, roommate preference: _____**
- ☐ **I prefer a single room. I will pay the additional cost beyond shared accommodation**

Dietary Concerns:

Return completed form: email to: summerreg@edugains.ca
Mail to: Rod Yeager, 5 Beechnut St. Orangeville, ON L9W 4A8