Ontario Summer 2005 Workshops to Support Teachers and Leaders of Grades 4 – 8 Mathematics

Bringing Learning to Life in our Ontario Mathematics Classrooms With the TI 15 Explorer

The TI-15 is a powerful hand-held thinking tool that has huge potential for supporting student learning in our grades 4 – 8 classes. Both the Leading Math Success Strategy and the junior Teaching and Learning Mathematics Strategy strongly encourage teachers to capitalize on the learning opportunities afforded by handheld technologies like the TI-15.

- How can I use the TI-15 to improve mathematical learning for my students?
- How can I begin to help my colleagues learn about using the TI-15 effectively?

These two-day, hands-on workshops, sponsored by TI Canada will answer these and many more questions. Participants will receive a rich array of handouts and a session CD.

Who should attend?

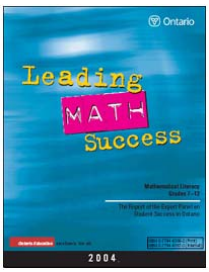
A maximum of 30 spaces will be available at each of the workshops. Each school district is invited to register one junior teacher of mathematics, one intermediate teacher of mathematics and one teacher leader or consultant of junior and/or intermediate mathematics. The workshops will be designed to build the capacity of this board team to be able to support the learning needs of their district around the effective use of the TI-15 to support improved student learning in the context of our revised grades 4 to 8 mathematics curriculum, the Leading Math Success Strategy and the junior Teaching and Learning Mathematics Strategy.

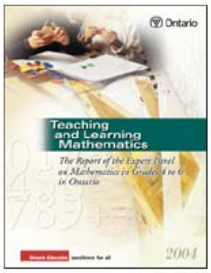
- **Ottawa TI-15 Workshop** **July 6 & 7, 2005**
- **London TI-15 Workshop** **July 13 & 14, 2005**
- **North Bay TI-15 Workshop** **August 4 & 5, 2005**
- **Brampton TI-15 Workshop** **August 29 & 30, 2005**
  (for the Brampton Workshop register through Fred Ferneyhough at dybydx@rogers.com)



For registration information, go to www.vlearning.ca

"In an effective mathematics program, students learn in the presence of technology. Technology should influence the mathematics content taught and how it is taught. Powerful assistive and enabling computer and handheld technologies should be used seamlessly in teaching, learning, and assessment…Many struggling students are weak in computational skills and conceptual understanding. By giving … students continuous access to calculators…, teachers enable them to participate fully in problem-solving activity that requires computational proficiency. This ensures that they do not fall even further behind." p. 47, Leading Math Success





"Exploring mathematics with technological applications should be an integral part of the junior mathematics program. Many junior students use technology on a daily basis to investigate and to communicate ideas. Technology is part of their world and the world of their future (deSessa, 2000). Technology is not meant to replace mathematical thought but to expand it."p. 28, Teaching and Learning Mathematics