

## **February – May 2011 Professional Learning Menu for Grades 7-12 Teachers of Mathematics**

Teachers of intermediate and senior division mathematics are invited to register for the following semester 2 professional learning sessions. After consulting with your department head and/or school administrators, teacher selections should be guided by individual Annual Learning Plans (ALP), professional learning goals and your school's SMART goals.

Multi-day sessions will focus on foundational practices outlined in the CBLP (Catholic Board Learning Plan) and the expected practice of teaching three part lessons. When teachers register for multi-day sessions it is expected that the same teacher will attend both days due to the job-embedded nature of the sessions.

Teachers should consider their involvement in other Board and Ministry mathematics initiatives such as Intensive Support Secondary Mathematics, Integrated Arts Initiative, Smarter Science, school networks, family and school initiatives before making their selections. The professional learning menu for semester 1 of 2011-2 will be announced in September 2011.

### **Notes:**

1. Please register for the sessions on the Training Portal (<http://training/>). Detailed instructions are provided in the document **Registration Instructions for the 2010-11 Professional Learning Menu for Teachers of Grade 7-12 Mathematics**.
2. If you register for multi-day sessions only the date of the **first** day will be shown on the Training Portal. You will be automatically be registered for **ALL** the days of the session. Please refer to this document for all dates and location details regarding sessions.
3. Please take note of the supply teacher code for the session you register for.
4. Light breakfast and lunch will be provided.

**Online registration is open between January 10, 2011 and February 4, 2011.**

Please direct enquiries to:

- Dorota Jakubowska x24188
- Susanna Martellacci x24373
- Dwight Stead x24533

Session Name	Session Description	Audience	Grade(s) Supply Code Maximum	Date(s)	Location(s)	Facilitator(s)
Introduction to the Grade 9 & 10 TIPS4RM Resources	This <b>one day</b> session introduces the TIPS4RM resources for grade 9 and 10 applied including effective instructional strategies.	<b>Strongly recommended</b> for secondary teachers new to using the TIPS4RM resources. This session is open to teachers interested in learning more about the TIPS4RM resources.	9 & 10  <b>Code 59</b>  <b>Max=20</b>	February 8, 2011	CEC Room 301	Dorota Jakubowska Dwight Stead
Introduction to the Grade 7 & 8 TIPS4RM Resources	This <b>two day</b> series introduces the TIPS4RM resources for grade 7 and 8 and how they can be used with the Nelson resource.	Grade 7 or 8 teachers who have <b>NOT</b> attended this session previously.	7 & 8  <b>Code 60</b>  <b>Max=30</b>	March 2, 2011 April 4, 2011	St Pio of Petrelcina, Room 112	Dwight Stead TBA
Effective Use of Interactive Whiteboards (IWB): <b>Beginner</b>	This <b>one day</b> session will introduce the fundamentals of using an IWB in a 3-part lesson.	Teachers of Mathematics with <b>NO prior experience</b> .	7 -12  <b>Code 59</b>  <b>Max=23</b>	March 10, 2011	Cardinal Ambrozic S.S. Room 223 and 216	Claudio Attanasio Andy Kwiecien Dwight Stead
Planning Effective 3-Part Lessons using IWBs	This <b>two day</b> series allows teachers who regularly use an IWB to co-plan 3-part lessons featuring effective strategies.	Teachers with access to IWBs in their classroom and experience using it.	7-10  <b>Code 59</b>  <b>Max 25</b>	March 1, 2011 April 13, 2011	St Marcellinus S.S. Room 216	Andy Kwiecien Dwight Stead

Session Name	Session Description	Audience	Grade(s) Supply Code Maximum	Date(s)	Location(s)	Facilitator(s)
Using Nspire CAS in your Classroom	This <b>two day</b> series provide teachers with some experience opportunities to co-plan 3-part lessons.	Teachers who have previously attended either the summer session or the intro to Nspire sessions.	9-12  <b>Code 59</b>  <b>Max 20</b>	March 21 2011 May 17, 2011	CEC Room 302 CEC Room 301	Dwight Stead
Effective Use of Learning Tools (Manipulatives and Online Learning Tools) in 3-Part Lessons	This <b>two day</b> series will provide teachers with opportunities to learn about manipulatives and online learning tools and to co-plan 3-part lessons that feature these learning tools.	Teachers of Mathematics.	7-10  <b>Code 60</b>  <b>Max 30</b>	March 22, 2011 May 9, 2011	St Marcellinus S.S. Room 216	Dorota Jakubowska Andy Kwiecien Dwight Stead
Understanding the Grade 9 EQAO Assessment of Mathematics	This <b>one day</b> session deepens understanding of how the assessment is designed and scored. Teachers will gain insights into how to prepare their students for success.	<b>Strongly recommended</b> for teachers of grade 9 academic or applied mathematics who have <b>NOT</b> attended this session previously. Grade 8 teachers may also find this session beneficial.	8 and 9  <b>Code 59</b>  <b>Max 65</b>	March 30, 2011	CEC Room 301	Dorota Jakubowska Dwight Stead TBA

Session Name	Session Description	Audience	Grade(s) Supply Code Maximum	Date(s)	Location(s)	Facilitator(s)
Collaborative Assessment Planning for MBF3C - Grade 11 College Mathematics	This <b>four day</b> series will lead teachers of MBF3C through the process of designing an effective course culminating performance task (CPT).	Teachers of MBF3C  <b>Registration is now closed for this session.</b>	11  <b>Code 59</b>	February 14, 2011  <b>This session is a continuation from last semester.</b>	CEC Room 201	Dorota Jakubowska Dwight Stead
Differentiating Instruction in Secondary Mathematics	This <b>two day</b> series will demonstrate strategies that teachers can differentiate instruction based on readiness, student interest and learning style.	Teachers who have <b>NOT</b> previously attended DI sessions in the summer or with Noeline Laccetti or Tony Corvinelli.	9-12  <b>Code 59</b>  <b>Max 30</b>	February 22, 2011 April 5, 2011	St Roch S.S. Room 215	Maggie Boss Tony Corvinelli Dwight Stead
Cross-panel Co-planning of 3-Part Lessons	This <b>three day</b> series will allow teachers from both panels to co-plan 3-part lessons to meet the diverse learning needs of students.	Teachers of grade 8 and 9 mathematics that have previously attended PRIME training, participated in GAINS sessions or attended DI in-services.	8 & 9  <b>Code 60</b>  <b>Max 30</b>	February 7, 2011 March 8, 2011 April 6, 2011	St Pio of Petrelcina, Room 216 (Days 1 and 3) CEC, Room 301 (Day 2)	Dwight Stead TBA
Introduction to Ministry Licensed Software for Mathematics	This <b>one day</b> session will demonstrate how Geometer's Sketchpad, Tinkerplots and Fathom can be used in a 3-part lesson.	Teachers of mathematics  Teachers are encouraged to bring a laptop.	7-10  <b>Code 59</b>  <b>Max 30</b>	May 18, 2011	Room 301	Andy Kwiecien Dorota Jakubowska Dwight Stead