

## 2010-11 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 1 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 this year will focus on the expected practice of teaching three part lessons as outlined in the CBLP (Catholic Board Learning Plan). These sessions will also make use of the TLC (Teaching Learning Cycle) model of job-embedded professional learning.

Teachers should consider their involvement in other Board and Ministry mathematics initiatives such as Intensive Support Secondary Mathematics, school networks, family and school initiatives before making their selections.

A professional learning menu for semester 2 will announced in January 2011 and will feature repeats of some of the following sessions.

Session Name	Session Description	Audience	GRADE(S) Supply Code	Date(s)	Location(s)	Facilitator(s)
Introduction to the Grade 9 and 10 TIPS4RM Resources	This <b>one day</b> session introduces the TIPS4RM resources for grade 9 and 10 applied including effective instructional strategies.	<b>Compulsory</b> for 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>	September 27, 2010  This session <b>WILL</b> be repeated in mid February 2011	St Marcellinus S.S. Room 216	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.	Up to <b>FOUR</b> grade 7 & 8 teachers per family. Registration will be vetted by the Instructional Council Family Learning team.	7 & 8 <b>Code 60</b>	November 16, 2010 December 6, 2010  These sessions <b>WILL</b> be repeated in March and April 2011	St Pio of Petrelcina Room 112	Susanna Martellacci Dwight Stead
Effective Use of Interactive Whiteboards (IWB): <b>Beginner</b>	This <b>one day</b> session will introduces 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>	October 28, 2010 This session will <b>NOT</b> be repeated in semester 2	Cardinal Ambrozic S.S. Room 223 and 216	Claudio Attanasio Andy Kwecien Dwight Stead

Session Name	Session Description	Audience	GRADE(S) Supply Code	Date(s)	Location(s)	Facilitator(s)
Planning Effective Lessons using IWBs	This two day 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>	November 1, 2010 December 1, 2010  This session <b>WILL</b> be repeated in March and April 2011	St Marcellinus S.S. Room 216	Andy Kwiecien Dwight Stead
Planning Effective Lessons using Nspire CAS	This two day series allows teachers with experience using Nspire CAS to plan 3-part lessons featuring Nspire CAS	Teachers who regularly use Nspire.	9-12 <b>This session was postponed to semester 2</b>	October 6, 2010 November 18, 2010  This session <b>WILL</b> be repeated in March and April 2011	CEC Room 102 CEC Room 301	Dwight Stead
Effective Use of Learning Tools (Manipulatives and Online Learning Tools)	This two day 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>	October 7, 2010 November 3, 2010  This session <b>WILL</b> be repeated in March and April 2011	St Marcellinus S.S. Room 216	Dorota Jakubowska Andy Kwiecien Dwight Stead
Understanding the EQAO Assessment of Mathematics	This one day 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 and 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>	October 20, 2010  This session <b>WILL</b> be repeated in March 2011	CEC room 301	Dorota Jakubowska Susanna Martellacci Dwight Stead

Session Name	Session Description	Audience	GRADE(S) Supply Code	Date(s)	Location(s)	Facilitator(s)
PRIME Patterning and Algebra Training	This two day series will train each teacher in how the PRIME resources allow teachers to differentiate instruction in order to meet the diverse learning needs of students in this strand.	Up to FOUR elementary teachers or SERT/SERC per family of schools and one secondary teacher per family. Registration will be vetted by the Instructional Council Family Learning team.	7-10  <b>Code 60</b>  <b>Please do not book supply teachers until registration confirmed.</b>	November 8, 2010 November 29 , 2010  This session will <b>NOT</b> be repeated in semester 2	CEC Room 301	Dorota Jakubowska Susanna Martellacci Dwight Stead
Collaborative Assessment Planning for MBF3C - Grade 11 College Mathematics	This four day series will lead teachers of MBF3C through the process of designing an effective course culminating performance task (CPT). Teachers will design, administer and refine the task in their classrooms.	Teachers of MBF3C (Preferably teaching this course both semesters)	11  <b>Code 59</b>	October 19, 2010 November 10, 2010 <b>December 9, 2010</b> February 17, 2011  This session will <b>NOT</b> be repeated in 2010-11	CEC Room 102 CEC Room 202 CEC Room <b>202</b> CEC Room 202	Dorota Jakubowska Dwight Stead
Differentiating Instruction in Secondary Mathematics	This two day 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.	9-12  <b>Code 59</b>	October 12, 2010 November 9, 2010  This session will <b>NOT</b> be repeated in semester 2	St Roch S.S. Room 215 on Oct 12 Room 216 on Nov 9	Maggie Boss Tony Corvinelli Dwight Stead

Session Name	Session Description	Audience	GRADE(S) Supply Code	Date(s)	Location(s)	Facilitator(s)
Cross-panel Co-planning of 3-Part Lessons	This three day 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>Please do not book supply teachers until registration confirmed.</b>	March, April & May 2011  Dates to announced in January 2011	Locations announced in January 2011	Dwight Stead TBA

**Notes:**

1. Please register for the sessions on the Training Portal (<http://training/>). Detailed instructions are provided in 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 are registered for all the days of the session automatically. Please refer to this document for all dates and location details for the session.
3. Light breakfast and lunch will be provided.

**Online registration is open between September 14<sup>th</sup> and October 1, 2010.**

Please direct enquiries to:

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- Dwight Stead x24533