

September – December 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 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 all days due to the job-embedded nature of the sessions.

Teachers should consider their involvement in other Board and Ministry mathematics initiatives such as Grade 7&8 Literacy Support Menu, Intensive Support Secondary Mathematics, school networks, family and school initiatives before making their selections. The professional learning menu for semester 2 of 2011-2 will be announced in January 2012.

Notes:


1. Please register for the sessions on the Training Portal (<http://training/>). Detailed instructions are provided in the document **Registration Instructions**.
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 September 14, 2011 and September 23, 2011.

Please direct enquiries to:

- Michael Corcoran x24373
- Dorota Jakubowska x24188
- Dwight Stead x24533

Session Name	Session Description	Audience	Grade(s) Supply Code Maximum	Date(s)	Location(s)	Facilitator(s)
Introduction to the Grade 7 & 8 TIPS4RM Resources	This two day 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 NOT attended this session previously.	7 & 8 Code 60 Max=30	September 28, 2011 October 11, 2011	CEC Room 302 CEC Room 301	Michael Corcoran Dorota Jakubowska
Introduction to the Grade 9 & 10 TIPS4RM Resources Session Cancelled	This two day series introduces the TIPS4RM resources for grade 9 and 10 applied including effective instructional strategies.	Strongly recommended 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 Code 59 Max=25	September 27, 2011 October 17, 2011	CEC Room 302	Dorota Jakubowska Dwight Stead
Effective Use of Interactive Whiteboards (IWB): Beginner	This one day session will introduce the fundamentals of using an IWB in a 3-part lesson. This session is repeated to meet demand.	Teachers of Mathematics with Minimal to NO prior Interactive White Board P.D.	7 -12 Code 59 Max=15 Groups C & D Max =20	Group A: September 29, 2011 Group B: November 10, 2011 Group C: October 17 th Group D: November 14 th	ICT North Lab @ Good Shepherd School St Roch SS Room 215 (To be confirmed)	Michael Corcoran Andy Kwiecien Dorota Jakubowska
Planning Effective 3-Part Lessons using IWBs	This two day series allows teachers who regularly use an IWB to co-plan 3-part lessons featuring effective strategies. This session is repeated to meet demand.	Teachers with access to IWBs in their classroom and experience using it.	7-10 Code 59 Max 25	Group A: October 5, 2011 October 20, 2011 Group B: November 9, 2011 November 22, 2011	St Marcellinus S.S. Room 216	Claudio Attanasio Dorota Jakubowska Andy Kwiecien Dwight Stead

Session Name	Session Description	Audience	Grade(s) Supply Code Maximum	Date(s)	Location(s)	Facilitator(s)
Introduction to Nspire CAS 	This three day series introduces teacher to the Nspire CAS handheld and teacher software and how to use them in an effective 3-part lesson. Access to a computer with the software is strongly recommended.	Teachers who have NOT previously attended either the summer session or an introduction to Nspire session.	9-12 Code 59 Max 20	October 3, 2011 October 24, 2011 November 14, 2011	CEC Room 302	Dwight Stead
Collaborative Assessment Planning for MFM2P - Grade 10 Applied Mathematics	This four day series will lead teachers of MFM2P 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 MFM2P Preferably teaching this course both semesters	10 Code 59 Max 10	September 28, 2011 October 11, 2011 November 1, 2011 February 14, 2014	CEC Room 103	Dorota Jakubowska Dwight Stead
Effective Use of Concrete Learning Tools (Manipulatives) in 3-Part Lessons	This two day series will provide teachers with opportunities to learn about manipulatives in order to co-plan 3-part lessons that feature these tools.	Teachers of Mathematics. Teachers who attend the Virtual Learning Tools workshop may not attend.	7-10 Code 60 Max 30	October 3, 2011 October 24, 2011	CEC Room 301	Michael Corcoran Dorota Jakubowska

Session Name	Session Description	Audience	Grade(s) Supply Code Maximum	Date(s)	Location(s)	Facilitator(s)
Effective Use of Virtual Learning Tools (Online tools & software) in 3-Part Lessons	This two day series will provide teachers with opportunities to learn about online learning tools (Gizmos, CLIPS, Geometer's Sketchpad, Tinkerplots, Fathom, ...) in order to co-plan 3-part lessons that feature these tools.	Teachers of Mathematics with access to computers in their classroom. Teachers who attend the concrete Learning Tools may not attend.	7-12 Code 60 Max 15	October 13, 2011 October 25, 2011	ICT North Lab @ Good Shepherd School	Michael Corcoran Dorota Jakubowska Andy Kwiecien Dwight Stead
Meeting Diverse Learner Needs in 3-Part Lessons	This two day series will provide strategies that teachers can differentiate instruction and pose effective questions in order to plan 3-part lessons.	Teachers who have prior experience with any of: <ul style="list-style-type: none"> • DI strategies • PRIME • Open and parallel questions 	7-10 Code 59 Max 30	November 24, 2011 December 6, 2011	CEC Room 302	Dwight Stead Antony Corvinelli
Understanding the Grade 9 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.	Strongly recommended for teachers of grade 9 academic or applied mathematics who have NOT attended this session previously. Grade 8 teachers may also find this session beneficial.	8 and 9 Code 59 Max 30	October 6, 2011	CEC Room 301	Michael Corcoran Dorota Jakubowska Dwight Stead