

February – June 2012 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 1 of 2012-3 will be announced in September 2012.

Notes:

1. Please register for the sessions on PD Place (http://pdplace/index.php?show_main).
2. 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 30, 2012 and February 10, 2012.

Please direct enquiries to:

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

Session Name (PD Place Session #)	Session Description	Audience	Grade(s) Supply Code Maximum	Date(s)	Location(s)	Facilitator(s)
Introduction to the Grade 7 & 8 TIPS4RM Resources (923)	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	February 13, 2012 March 8, 2012	St Hilary, Room 113 CEC Room 301	Dorota Jakubowska Susanna Martellacci
Introduction to the Grade 9 & 10 TIPS4RM Resources (924)	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 also open to teachers interested in learning more about the TIPS4RM resources.	9 & 10 Code 59 Max=20	February 13, 2012 March 8, 2012	CEC Room 302	Dwight Stead
Effective Use of Interactive Whiteboards (IWB): Beginner (925, 926, 927)	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 experience.	7 -12 Code 59 Max=25	Group A: February 22, 2012 Group B: April 26, 2012 Group C: May 24, 2012	A: St Roch Room 215 B: St Roch Room 215 C: St Roch Room 215	Dorota Jakubowska Andy Kwecien Mike Mastragostino Dwight Stead
Planning Effective 3-Part Lessons using IWBs (928, 929)	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: February 14, 2012 March 5, 2012 Group B: April 23, 2012 May 14, 2012	A: St Marcellinus Room 216 B: CEC Room 302	Claudio Attanasio Dorota Jakubowska Andy Kwecien Dwight Stead

Session Name (PD Place Session #)	Session Description	Audience	Grade(s) Supply Code Maximum	Date(s)	Location(s)	Facilitator(s)
Introduction to Nspire CAS (930)	This two 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. Teachers must bring an Nspire CAS handheld from their school.	9-12 Code 59 Max=20	April 16, 2012 May 1, 2012	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 Registration for this session is complete.	10 Code 59 Max=10	February 16, 2012	CEC B02	Dwight Stead
Effective Use of Concrete Learning Tools (Manipulatives) in 3-Part Lessons (931)	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	April 16, 2012 May 1, 2012	CEC Room 301	Dorota Jakubowska Susanna Martellacci

Session Name (PD Place Session #)	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 (932)	This two day series will provide teachers with opportunities to learn about online learning tools (<i>Gizmos, CLIPS, Geometer's Sketchpad, Tinkerplots, Fathom, ...</i>) 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 59 Max=30	February 27, 2012 March 20, 2012	St Marcellinus S.S. Room 216	Dorota Jakubowska Andy Kwecien Mike Mastragostino Dwight Stead
Meeting Diverse Learner Needs in 3-Part Lessons (933)	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 60 Max=30	March 26, 2012 April 12, 2012	St Roch S.S. Room 215	Dwight Stead Antony Corvinelli