



COLLEGE OF GRADUATE STUDIES

Winter 2009-2010 Graduate Course Schedule

Please note that courses are subject to change. REGISTER EARLY to reserve your space!
Please visit plymouth.edu/graduate/directions for directions to courses held off campus.

Mathematics

MG - Graduate Math

MG5760.01 **CRN: 20367** **ST:MATH METHODS:CURRICULUM & INSTRUCTION K-6**
UPDATED Plymouth – Rounds Hall 118 Melisa Spradley ldspradley@plymouth.edu
3 Credits [Syllabus](#)

Please note that all Wednesday classes will meet in Rounds 014 and Saturday classes in Rounds 118.

Wednesday 5PM – 8:30PM 2/3, 2/10

Saturday 9AM – 2PM 1/23, 2/6, 2/13

This mathematics methods course will be based on the ideals espoused in constructivist education. Participants will "learn by doing" as we use manipulatives, inquiry, observation, discovery, and guided exploration to immerse ourselves in multi-level, standards-based mathematics environments. Higher order problem-solving techniques, Socratic discussion groups, children's literature, reflection and assessment will offer multiple lenses through which we will view mathematics content and processes. Each day will revolve around two different areas of elementary mathematics, extending the learning through grades K-6. We will work hard, learn much and have great fun doing so. The course will offer numerous opportunities for each one of us to emerge as unique and adventurous mathematics teachers and learners.