The goal of The MMP Math Minutes is to improve communication and foster discussion among the high school math teachers, the Principal, and the Learning Team. MMP Math Minutes is distributed monthly.

**Discovering Mathematics Support Sessions**

- **April 28**  
  Instructional Strategies for Discovering Algebra  
  -------- Bridget Schock, Bradley Tech room 462y

- **May 5**  
  Instructional Strategies for Discovering Geometry……Rachel Strutz, Bradley Tech room 462x

- **May 12**  
  Teaching Discovering Algebra using the SMART board…..Sara Brown, Veritas room 1

- **May 19**  
  Leadership………Valerie Sauve, King room 219

- **May 26**  
  Using Texas instruments that support the new textbook….Doretha Sephus, Pulaski room 102

- **June 2**  
  Leadership Followup…Valerie Sauve, King room 219

Please register on ENROLL

**Important Dates**

- **Algebra Lab**  
  Algebra Lab------- May 22
  Geometry Labs----- May 1, May 29
  WMC—Green Lake May 7-8, 2009
  MMP Online Survey ---April 20- May 15

**Algebra Lab**

Teachers shared their successes and/or challenges so far in using the DA book. Student work on the February assessment was looked at using the MMP Protocol and what implications it could provide for teaching. The concept of functions and graphs were revisited. Chapter 9 was discussed involving quadratics and parabolas. The idea of shifting and stretching parabolas reflects back to Chapter 8 and Transformations. Graphing parabolas using table values on the graphing calculator to find the vertex and line of symmetry was done. Connections were made to the product of two linear functions resulting in a quadratic.

**8-9 March Summit**

Content started with MTLs continuing the “Jo’s Sheep” problem with perimeter and area and developing the quadratic relationship with squares and symmetry. Leadership focused on deepening the understanding of lesson planning with the first four formative assessment principles. Teachers who brought their completed Lesson Planning Template shared and groups discussed that work. Given an 8th grade lesson, the groups worked on part one of the template. Questions of how did the process change the way a lesson is planned and support the classroom teaching, student learning and motivation were covered. Assessment began with working the next 9th grade CABS, “Mary’s Dots”, and starting the process of the CABS Class Summary Report and the Effective Feedback Summary, which should be completed for the next summit. Teachers were split into two groups. Those who brought their completed CABS Class and Feedback Summaries from the last summit shared their experiences and the second group practiced writing descriptive feedback and determining the success criteria for the “Unidel” problem using a set of student work samples. Time was spent individually and then sharing their feedback. The Class Summary Report and the Effective Feedback Summary were then completed. The day ended with MTLs choosing their forum topic to attend: LieCal, HS Textbooks, MTl Classroom visits, Content, or Transition to College.

**Math Department Chair Meeting**

The April high school department chairperson meeting was led by former math curriculum specialist Henry Kranendonk and high school math teaching specialist Mary Mooney. The teachers took the MMP online survey. They will now encourage all members of their Learning Teams (this includes the principal and the literacy coach) and everyone in their respective buildings who teaches math to take this same online survey. The deadline for taking the survey is May 15. Teachers could take this survey during department or staff meetings. The survey should take about 30 minutes. If this survey is taken outside of the regular school day, schools can use their Action Plan money to pay teachers for their time.

Teachers were given Discovering Mathematics “question strip” book marks for their department members. If additional question strips are needed in your buildings, please contact Darlene Boyle at boyledx@milwaukee.k12.wi.us.

Reminder to department chairs: NSF forms are due in May.

**Hope you had a great spring break! Welcome back.**

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