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.

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**Discovering Mathematics Support Sessions**

Please join us for any or all of these after school sessions for offered for the teachers of the Discovering Mathematics series!

- **February 24** How the Discovering Math series supports calculus concepts—Eric Losin, South Division
- **March 10** Teaching Discovering Mathematics in the self contained classroom—Delicia Laster, Custer
- **March 24** TBD
- **April 7** Teaching Discovering Geometry using the Smart Board—Page Prichard, King
- **April 28** Instructional Strategies for Discovering Algebra
  - Bridget Schock, Bradley Tech
- **May 5** Instructional Strategies for Discovering Geometry—Rachel Strutz, Bradley Tech
- **May 12** Teaching Discovering Algebra using the SMART board—Sara Brown, Veritas
- **May 19** Leadership—Valerie Sauve, King
- **May 26** Using Texas instruments that support the new textbook—Doretha Sephus, Pulaski

Please register on ENROLL

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**Important Dates**

- **Algebra Labs**—Feb. 20, March 20, May 22
- **Geometry Labs**—Feb. 27, May 1, May 29

**Important Dates**

- **NCSM**—Washington, DC  April 20-22, 2009
- **NCTM**—Washington, DC April 23-25, 2009
- **WMC**—Green Lake  May 7-8, 2009

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**February 8-9 Summit**

The morning started with content on area and the Pythagorean Theorem and teachers found various shaped areas using dot paper to help prove the theorem. Jack Moyer, from Marquette, had teachers work the next 9th grade CABS titled “Unidel”. The Class Summary Report for the “Umbrella” problem that teachers brought with them was discussed for successes, challenges and next steps. Time was spent writing descriptive feedback on student papers, sharing their responses and writing comments on the teacher’s feedback. Teachers then broke into their 8 or 9 group to work on constructed responses. High school looked at Benchmark 2 papers that some teachers brought with them and addressed successes, challenges and next steps. Some scoring and writing feedback was also done. Leadership focused on Stiggin’s first four assessment principles and the MMP Continuum’s four principles of Formative Assessment. Shirley Clarke’s “Sharing Learning Intentions” was read tying it to the principles. Teachers then tried DA’s lesson 11.4, using some of the Formative Assessment principles. The day ended with teachers having a chance to ask or share on a chosen topic listed for the Forum.

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**MTL Inservice**

Henry Kranendonk welcomed MTLs and support people. He stressed the fact that high schools across the country are failing and our district’s 10th grade results are still not improving. There are challenges to using the Discovering series, but it meets the criteria of aligning to the state standards and engaging students. The MTL position can bridge the gap between the new books and teachers who are reluctant to utilize the new resources. All efforts for PD for teachers will be made. Karen Greenhous from Key Curriculum Press provided more resources and how to implement them into using the series. A discussion was held on equity and high expectations for every student and how this math series can provide that. Strategies were shared and Tim Pope’s video on modeling an investigation lesson provided insight.

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**Math Department Chair Meeting**

The high school math department chair meeting was held on February 11, 2009. After several announcements, the meeting was spent discussing and scoring the CR from the recently given Math Readiness Test. This work will be continued on next Saturday, March 7, fit rom 8:30 am to 12:30 pm, at the Tech Support Center. At that time, teachers will receive training on the rubrics and formative assessment tools created for the 9th grade benchmark CR item and the Math Readiness Test CR item.

Next Meeting:  March 11, 2009

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**Interesting Math Fact:** An inch of snow falling evenly on one acre of ground is equivalent to about 2,715 gallons of water.