



## DEPARTMENT OF CURRICULUM &amp; INSTRUCTION

545 West Dayton St. ● Madison, Wisconsin 53703-1967 ■ 608.663.5204 ▼ <https://curriculum.madison.k12.wi.us>

Cynthia Green, Executive Director

Jennifer Cheatham, Ed.D., Superintendent of Schools

**TO:** Members of the Board of Education

**FROM:** Cynthia Green, Executive Director of Curriculum and Instruction  
Kenneth Davis, Mathematics Coordinator

**DATE:** November 28, 2016

**SUBJECT:** Middle School Math Specialist Program

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- 1. Project Title:** Middle School Math Specialist Program
- 2. Project Description:** MMSD has provided funding to support coursework in the content and teaching knowledge of middle school teachers of math. Toward that goal, a partnership was formed back in 2010 between the District, the UW-Madison School of Education, the UW-Madison Department of Mathematics, and the University of Wisconsin Extension - Office of Education Outreach and Partnerships. MMSD will continue this for the 2016-17 school year and continue to offer math coursework for teachers to participate. The courses consists of a five course sequence (Number, Ratio, Geometry, Algebra, and Experimentation, Conjecture & Reasoning) with two courses being offered each semester. MMSD will continue to provide some financial support for teachers in each class with priority determined by; 1) middle school teacher working with an existing condition of employment, 2) middle school math teachers, and 3) teachers who began the program in previous years.

NOTE: There is a significant reduction in the estimate of this program from the 2015-2016 school year to the 2016-2017 school year. As a reminder, the change for this program and financial support moving forward was shared with the Board April 2016. The model continues the five course MSMS Program using non-credit courses for teachers currently enrolled in the program. This reduces the annual operating budget to \$27,000. In addition, the full-time Math teacher leader's responsibilities have been repositioned to provide support and professional development for middle school math teachers and for algebra teachers.

Talent management has been working with principals to select best candidates for current and future hiring. Middle school math teachers are now provided with standards aligned curricular resources and job embedded coaching.

With this growth and support in place, the need for a condition of employment is no longer required for any new hire after July 1, 2016.

- 3. Analysis:** This proposal covers the estimated cost of tuition for the 2016-17 school year. The total estimated amount is \$27,000.
- 4. Advertising/Notices/Invites:** N/A
- 5. Vendors Receiving RFP:** N/A



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**6. Bid Respondents:** N/A

**7. Estimate:** \$27,000

**8. Previous Fiscal Year Expenditures:** \$105,000 for the 2015-2016 school year

**9. Account Number(s)/Budget Year/Department Name:** Curriculum & Instruction – Math  
Local, 10.432.0387.431000.000.0000.000.0MATH

**10. Project Schedule:** 2016-17 School Year

**11. Requisition Number:** 5589

**12. Recommendation:** It is recommended that the Board approve the estimated expenditure of \$27,000 to pay for tuition to the UW-Madison for teachers enrolled in Middle School Math Specialist courses in 2016-2017. This expenditure will be paid for with funds from the 2016-2017 Curriculum & Instruction Middle Mathematics budget.