A professional development opportunity for MPS Teachers in K5-Grade 3 focused on “Starting Students Strong in Mathematics”

The Milwaukee Public Schools (MPS) and the University of Wisconsin-Milwaukee (UWM) received a grant from the U.S. Department of Education and the Wisconsin Department of Public Instruction.

The project supports school-based teams to strengthen the mathematical foundation of students in Kindergarten (K5) to Grade 3.

Benefits

Earn a free UWM Graduate Certificate in Advanced Study of Teaching and Learning in Mathematics over two years and three summers (15 credits of tuition waivers).

Receive memberships to the National Council of Teachers of Mathematics (NCTM) and Wisconsin Mathematics Council (WMC).

Host a “Mathematician” in your classroom to work with your students.

Opportunity to work with a math coach.

Receive materials—course books, children’s math books, and math materials for your class.

Receive a small stipend for completion of project and evaluation requirements.

The option of using the credits toward a Master’s degree at UWM.

Are you interested in strengthening your mathematics program and teaching practice?

Learn more about:

- Using dot plates, ten frames, Rekenreks, layered place-value cards, and many more math tools.
- Aligning formative assessment and student developmental learning.
- Building basic fact fluency and conceptual understanding.
- Implementing high-leverage, research-based math teaching practices.
- Using developmental learning progresses and student expectations of the Wisconsin Standards for Mathematics.
- Working together with teachers across the district to improve student learning in mathematics.

Funded by the U.S. Department of Education, Mathematics and Science Partnerships Program, ESEA Title II, Part B, administered by the Wisconsin Department of Public Instruction. The grant was awarded to the University of Wisconsin-Milwaukee under the direction of Dr. DeAnn Huinker and Dr. Gabriella Pinter.

For more information, contact: Peggy Kuhnz, UWM Project Manager, kuhnzpa@uwm.edu
Website: www.uwm.edu/cmser

Team Application: Priority Deadline Friday, January 29, 2016
Strong Start Math Project Information

### Project Goals

**Goal 1.** Deepen teacher knowledge of mathematical concepts, connections, and progressions for teaching the Wisconsin Standards for Mathematics.

**Goal 2.** Strengthen use of high-leverage mathematics teaching practices and research on children’s learning of mathematics in classroom instruction.

**Goal 3.** Build a strong mathematical foundation by developing understanding and fluency among young learners along mathematics learning trajectories.

### Project Schedule

**Year 1, 2016–2017**

**Early Number, Operations, & Algebraic Reasoning**
- **Summer Institute:** June 20–July 1, 2016
  - Monday-Friday, 8:00 am – 4:00 pm
  - MPS North Division High School
- **School Year 2016–2017**
  - Ten Sessions, Thursdays, 4:30–7:30 pm
  - MPS Location (to be determined)

**Year 2, 2017–2018**

**Number and Operations in Base Ten**
- **Summer Institute:** June 19–30, 2017
  - Monday-Friday, 8:00 am – 4:00 pm
- **School Year 2016–2017**
  - Ten Sessions, Thursdays, 4:30–7:30 pm

**Year 3, Summer 2018 only**

**Measurement, Geometry, and Fraction Concepts**
- **Summer Institute:** June 18–29, 2018
  - Monday-Friday, 8:00 am – 4:00 pm
- **Note:** No school year sessions as grant period ends.

### Project Expectations

- Participate as a member of a school team across Kindergarten (K5)—Grade 3 focused on teaching math.
- Commit to participate throughout the project (two years and three summers).
- Work towards implementing high-leverage teaching practices and student learning activities in math.
- Apply for and be accepted to the UWM Graduate Certificate program in “Advanced Study of Teaching and Learning” in mathematics, including associated fees (approximately $100).
- Enroll, attend, and successfully complete UWM courses, earning 15 free graduate credits (resident, off-campus).
- Complete grant evaluation requirements, including videos, each year of grant duration.

### Application and Selection Process

Priority is given to targeted schools that have teams with 4-6 teachers who have responsibility for teaching mathematics and that represent a range of grades across K5 to Grade 3.

Selection will be based on needs and priorities in mathematics of the district, administrative commitment and support for implementation of project work in the school, distribution of grade levels within and across teams, and individual commitment to the project.

Team Application includes (see application form):

1. Team narrative statement.
2. Individual team members’ signatures of commitment.
3. Principal signature of commitment.

**Priority Deadline:** Friday, January 29, 2016

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**Center for Mathematics & Science Education Research (CMSER), University of Wisconsin-Milwaukee**

265 Enderis Hall, 2400 E. Hartford Ave, Milwaukee, WI 53211

For more information, contact:

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Pam Buhr, Assistant Manager, pbuhr@uwm.edu
CMSER: Phone: 414-229-6646  Fax: 414-229-4855
Website: http://www.uwm.edu/cmser

**Project Directors**

Dr. DeAnn Huinker, UWM, huinker@uwm.edu
Dr. Gabriella Pinter, UWM, gapinter@uwm.edu
Mr. Steve Akin, MPS, akinsj@mke.k12.wi.us
Team Application: Strong Start Math Project  
Priority Deadline: Friday, January 29, 2016

School Information

School ___________________________  Principal ___________________________

School Address __________________________________________________________

School Phone ______________________  School Fax ______________________

Team Statement

Prepare a typed 1-2 page statement that describes:

(1) the reason your team is applying for participation in this project (e.g., what are you hoping to learn);
(2) the potential impact on mathematics teaching and learning in your school as a result of participation in the project, and
(3) the opportunities for team members to work together and share their learning with other school colleagues.

Individual Members’ Commitment to the Project

As a member of my school team, I acknowledge my commitment to the Strong Start Math Project and agree that I will:

(1) participate for two years/three summers by enrolling in and completing UWM course and certificate requirements,
(2) collaborate with colleagues to implement project goals with my students in my classroom, and
(3) complete grant required project evaluation requirements (e.g., surveys, tasks, and videos of mathematics instruction).

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Principal Commitment and Support

As principal, I acknowledge our school team’s commitment to the Strong Start Math Project.

• I agree to support this team in implementing expected project work and required project evaluation.
• I will provide opportunities for team members to collaborate with each other and with Strong Start Math Project leaders.
• I agree to meet with the team during the school year to be informed on project activities and expectations and receive updates on implementation of the project work in my school.
• I also agree to provide feedback to the project as needed for reporting to the federal funding agency.

Signature of Principal ___________________________  Date ___________________________