New Grades 3-5 Fraction Grant!
Transforming Fraction Teaching and Learning:
Building Success for Algebra in MPS

A one-year professional development opportunity for MPS Teachers.

Summer 2017: July 10-13 & July 18-21, 8:00am–12:30pm
School Year, 2017-2018: 12 Wednesdays, 4:30–7:30pm

The Milwaukee Public Schools (MPS) and the University of Wisconsin-Milwaukee (UWM) are partnering on a new grant to improve the teaching and learning of fractions.

Benefits

Improve fraction instruction and student learning aligned to the Wisconsin Standards for Mathematics.

6 free UWM credits (U/G, off-campus, resident tuition, 3 credits in summer 2017 and 3 credits in 2017-2018 school year).

Receive course materials and memberships to the National Council of Teachers of Mathematics and Wisconsin Math Council.

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

Opportunity to work with UWM faculty and lead teachers.

Option to earn graduate credit toward a UWM Master's degree.

Are you interested in strengthening your fraction instruction?

Learn more about:

• Using number lines, fraction strips, and fraction representations.
• Research on student learning and developmental progressions.
• Building fraction fluency from conceptual understanding.
• Teaching fractions with an eye toward a foundation for algebra.
• Implementing high-leverage, mathematics teaching practices.
• Working together with teachers across the district in mathematics.

Application

Priority for selection of school teams is based on:

• School team comprised of 2-4 general education teachers of mathematics in grades 3-5.
• Designation as a district priority school (contact us if unsure).
• Distribution of grade levels within and across teams, school needs in mathematics, individual teacher commitment, and administrative commitment and support.

Complete the Team Application (see form) and return by email or fax to UWM by the priority deadline of Friday, March 17, 2017.

Funding: Wisconsin ESEA Improving Teacher Quality (WEITQ) Program, U.S. Department of Education, administered by the University of Wisconsin System.

Center for Mathematics and 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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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. Kevin McLeod, UWM, kevinm@uwm.edu
Dr. Angela Ford, MPS, fordjag@milwaukee.k12.wi.us
Team Application
Transforming Fraction Teaching and Learning
Priority Deadline: Friday, March 17, 2017

School Information

School __________________________________________ Principal ____________________________

School Address ________________________________________________________________

School Phone ____________________________ School Fax ____________________________

Team Statement
Prepare a typed 1-2 page team statement that describes:

(1) concerns and challenges with current fraction instruction in regards to teaching approaches and student learning,
(2) potential impact on mathematics teaching and learning in your school as a result of project participation, and
(3) opportunities for team members to work together and share their learning with each other and school colleagues.

Individual Member Commitment to the Project

As a member of my school team, I acknowledge my commitment to the Transforming Fraction Teaching and Learning Project and agree that I will:

(1) Participate for the entire project (must be available to attend all summer sessions, July 10-13 & July 18-21, 2017, and attend the 12 Wednesday nights during the 2017-2018 school year).
(2) Enroll in UWM courses and complete course and project requirements.
(3) Collaborate with colleagues and implement project tasks with my students in my classroom.
(4) Complete grant required project evaluation requirements (e.g., surveys, tasks, student work, and student data).

<table>
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<tr>
<th>Name of Team Members</th>
<th>Position/Grade Level</th>
<th>Email @milwaukee.k12.wi.us</th>
<th>Signature of Commitment</th>
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Designate a Team Contact (This person does not need to be a member of the team.)

Name ___________________________ email ___________________________ phone ___________________________

Principal Commitment and Support

As principal, I acknowledge our school’s commitment to the Transforming Fraction Teaching and Learning Project.

• I agree to support this team in implementing expected project work and required project evaluation, including sharing of student achievement data from district benchmark assessments and classroom assessments.
• I agree to meet with the team during the school year for updates on project activities, expectations, and successes.
• I agree to provide feedback to the project as needed (e.g., survey) for reporting to the funding agency.

Signature of Principal ___________________________ Date ___________________________

Return Scanned Application to UWM by email to kuhnzpa@uwm.edu or by Fax 414-229-4855

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