

CURRICULUM CORNER NEWSLETTER

Maywood-Melrose Park-Broadview
School District 89



HIGH QUALITY MATH INSTRUCTION

The 2015-2016 school year continues to be a productive year for our District as we get “Back to Basics” with High Quality Math Instruction.



To support this critical work, we have dedicated personnel to assist with the implementation of Curriculum aligned to Common Core State Standards. Scott Wold, Math Coordinator/Coach and Pauline Zdonek, Math Coach work with Middle School teachers emphasizing in depth mathematics through real world problem situations, modeling conceptional language in Connected Math 3 (CMP3). Math Talks are integrated throughout the curriculum to help students build mathematical ideas that make sense to them.

In addition, CMP3 Math teachers engage in professional development on formative assessment. The Learning Sciences Research Institute (LSRI) of the University of Illinois at Chicago (UIC) is conducting a research project titled, Improving Formative Assessment to Support Teachers (iFAST). During the study, researchers and teachers work together to understand how middle school students learn important concepts in algebra and how teachers can support student learning.



Middle School Math Nights

Irving and Stevenson Middle School held Math Night in partnership with UIC on September 21st for family and students.

UPCOMING EVENTS

Staff Development Academy
Location: Administrative Building

PERA - Framework with Evidence
October 19, November 2 and
November 16 - 3:30 PM - 5:00 PM

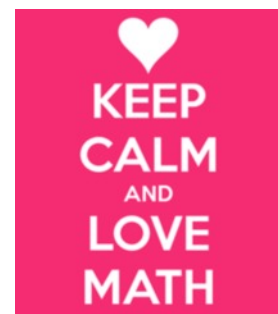
Classroom Management
October 25 and November 23
3:30 PM - 5:00 PM

School Improvement Day
Grade Level, Early Dismissal Day
December 8

West 40 ROE Professional Development

<http://www.eventbrite.com/o/west-40-professional-development-7741770685>

Copy and paste the above link in your browser



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MATH COMPETITION

District 89 Middle Schools will be participating in an upcoming Math Competition at Proviso Math and Science Academy (PMSA) on October 28. Each Middle School will compete as a team along with individual student competition.

University of Illinois Chicago will provide Kindergarten through 5th grade elementary schools on-site coaching incorporating best practices in Math instruction. They will focus on the Common Core State Standards and math practices incorporating a variety of real world problem solving situations.

"... All students must have the opportunity to learn and meet the same high knowledge and skills necessary in their post-school lives."

- Common Core State Standards for Mathematics Introduction

The West/South Cook Math Initiative provided the district many resources at a recent District leadership Council meeting that teachers can use in their classrooms.

See Resources to follow -



Web Resources for the CCSSM

XCMI Wiki Site - This member only site provides access to resources (PowerPoints, related materials, etc.) developed through the Suburban Cook County Mathematics Initiative.
xcmi.wikispaces.com (Contact a UIC coach for the user name and password.)

Mathematics Assessment Project - The University of Nottingham & UC Berkeley develop tools for formative and summative assessment that make knowledge and reasoning visible, and help teachers to guide students in how to improve, and monitor their progress. (This site provides resources for the Formative Assessment Lessons.)
<http://map.mathshell.org/materials/index.php>

Inside Mathematics - This site is a professional resource for educators passionate about improving students' mathematics learning and performance. This site features [classroom examples](#) of innovative teaching methods and insights into student learning, [tools for mathematics instruction](#) that teachers can use immediately, and [video tours](#) of the ideas and materials on the site. Look here for **Problems of the Month** and **Math Talks**.
<http://www.insidemathematics.org>

Silicon Valley Mathematics Initiative - This member only site provides access to MARS tasks and the Tools for Teachers that accompany these tasks.
www.svmimac.org (Contact a UIC coach for the user name and password.) **The Common Core State Standards: Mathematics** define what K-12 students should know and be able to do in math.
<http://www.corestandards.org/the-standards/mathematics>

Tools for the Common Core Standards
Dr. William McCallum, head of the University of Arizona's mathematics department and a lead author of the CCSS for Mathematics, has created this website to provide news about tools that are being developed to support implementation of the CCSS.
<http://commoncoretools.wordpress.com/>

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Ohio DOE Mathematics CCSS Resources
During the summer and fall of 2010, teachers across Ohio worked collaboratively in teams to suggest instructional strategies and resources that align with the standards.

<http://www.ode.state.oh.us/GD/Templates/Pages/ODE/ODEDetail.aspx?page=3&TopicRelationID=1704&ContentID=83475>

Mathematics and the Common Core Conference - UIC - February 16, 2011
<http://www.lsruiuc.edu/ccss/>

PARCC - Partnership for the Assessment of Readiness for College and Careers is a 24-state consortium, working together to develop next-generation K-12 assessments in English and math. Check regularly for updates.
<http://www.parcconline.org>

Illustrative Mathematics Project Illustrative Mathematics Project provides exemplar tasks aligned to both the content and practice standards. These tasks go through a strict vetting process, being reviewed by an educator, a mathematician and an editor before being included on the site. These tasks include commentary and solutions.
<http://illustrativemathematics.org>

Achieve develops materials that focus on the organization, content and evidence base used to support the standards, including fact sheets and frequently asked questions about the standards. Achieve will also roll out materials to help states implement the standards.

<http://www.achieve.org/achievingcommoncore>

NCIEA -The National Center for the Improvement of Educational Assessments - Karin Hess' expanded grade-level views (for grades K-4, 5-8, and high school) of the Learning Progressions Frameworks for K-12 Mathematics.

http://www.nciea.org/cgi-bin/pubspage.cgi?sortby=pub_date

ISBE - IL State Board of Education Progressions Project
Lessons, rich tasks, videos and more Learning Progressions
http://www.isbe.net/common_core/default.htm
<http://math.arizona.edu/~ime/progre/sions/>

National Council of Teachers of Mathematics National Council of Supervisors of Math.

<http://www.nctm.org/>
<http://www.ncsmonline.org/>

$\sqrt{-1}$ ♥
Math



*Thank you for all you do to
improve teaching and learning in
District 89.*

Barbara Dahly

Assistant Superintendent of Curriculum

