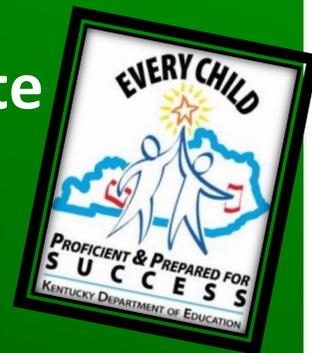


Mathematics Achievement Fund Update

A Monthly Update for the Mathematics Achievement Fund Grant

March 2014
Volume 2 – Issue 8

Mathematics
Achievement
Fund
Diagnostic and
Intervention
Services



KCM Conference: “Fluency Forward”

Registration is now open for the 2014 Kentucky Center for Mathematics conference at the Hilton Downtown in Lexington, Kentucky. The conference will be held March 10th and 11th with a post-conference day on the 12th. The conference is dedicated to professional learning among P-16 educators working to improve mathematics achievement through the development of mathematical fluency—defined by the Kentucky Committee for Mathematics Achievement as, “a deep understanding of mathematical concepts, which results in facility to efficiently and accurately access, compare, and apply strategies, knowledge, and skills.”
<http://www.kentuckymathematics.org/KCMConference/>

Grant Funding

As of right now, the grant funding will remain the same for the 2014-2015 school year. The predicted award amount will be \$41,000. Please let your district’s finance and budget director know, so they may proceed with planning. If anything changes, I will let you know immediately.

Share Your Knowledge with Others

The KDE is currently working to create online professional learning opportunities for teachers this summer. One of the opportunities will be dedicated to elementary math interventions. We would love to feature MITs from across the state sharing their math expertise and strategies. If you are interested in helping with this project, please email Pamela Pickens for more information at pamela.pickens@education.ky.gov.

Open Online Course for Educators

Registration is now open for the next Mathematics Learning Trajectory (MLT) MOOC-Ed (Massive Open Online Course for Educators)! Running from March 17 through May 11, the seven-week course is designed as professional development for anyone involved in mathematics education and in implementing the K–8 Common Core Math Standards at the classroom, school, or district level. The course, “Division and Multiplication of Whole Numbers: Bridging to Fraction Understanding,” introduces a learning trajectory approach to students’ multiplicative reasoning, exploring a stronger conceptual basis for multiplicative reasoning, so that, eventually, multiplication and division of fractions is an extension of multiplication and division of whole numbers, instead of a new and mystifying monster of its own.

[View Video \(2 minutes\)](#)

[View Flyer \(printable\)](#)

[Visit the Course Site \(information and registration\)](#)

Department of Education

Office of Next-Generation Learners
Division of Learning Services
Differentiated Learning Branch
Division Director: Johnny Collett
Branch Manager: April Pieper
Mathematics Intervention Consultant: Pamela Pickens

Yearly KDE Requirements:

Beginning of the School Year

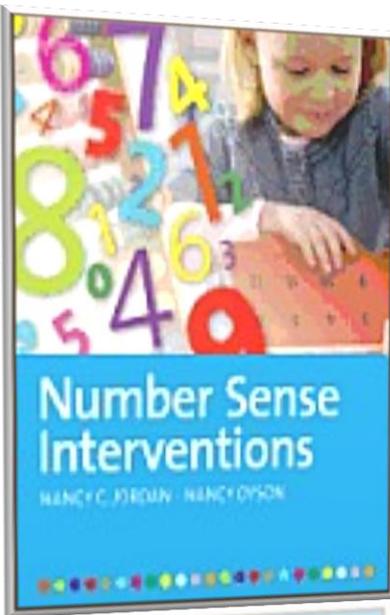
- Assurance Statement and Budget Summary

Middle of the School Year

- DOR Submission (Due: November 1st)
- MIT Grant Survey (Open: January 6th – 31st)

End of the School Year

- DOR Submission (Due: May 16th)
- MIT End-of-Year Survey (Open: May 1st – 30th)
- Inventory (Due: May 30th)



Recommended Reading

Number Sense Interventions

by Nancy Jordan and Nancy Dyson (October 2, 2013)

Help kindergartners at risk for math difficulties with these explicit, evidence-based interventions. The interventions in this user-friendly guide are a fun, simple, and highly effective way to boost key math skills such as oral counting, number recognition, and numeral writing. Teachers will get 24 scripted lessons, perfect for helping small groups of struggling students in just 30 minutes each. Proven in studies to improve young children's number sense, these engaging lessons help resolve early math struggles *before* first grade—and start students on the path to long-term success in elementary school and beyond.

Upcoming Dates

- March 10th - 11th** KCM Conference, optional 2 PD units
- March 12th** KCM Post-Conference Day, optional 1 PD unit
- April 1st** Spring MQI Video Recording of Lesson for KCM (First-Year MITs)
- April 15th** Spring MQI Video Lesson and Form Submission Deadline (First-Year MITs)
- May 1st** Fluency Assessment Submission Deadline (Test 9 - Experienced MITs)
- May 16th** Spring Data and DOR Submission Deadline
Submit to mitdata@nku.edu and pamela.pickens@education.ky.gov

Awesome Apps

Several MITs enjoyed the app highlights from last month's update, so I thought I would share some more. This month features a few recommendations from NCTM. Also, please let me know about some of the great ones that you have found and I will share with others in the coming months.

Deep Sea Duel



Okta's Rescue



Math Concentration

