

Math Intervention Update

November 2017

A Monthly Update for the Mathematics Achievement Fund Grant

Volume 6 – Issue 4

Infinite Campus Intervention Tab Feedback

Thanks to all of the MITs and classroom teachers for entering student records into the Infinite Campus Intervention Tab. As I begin to pull the records for each school, I will provide feedback to each school team. I have blocked off my schedule for the next several days to dedicate my time to reviewing the records. I am hoping to complete the feedback in a timely manner, but this is the first time that I am looking at each school individually and in-depth for both MITs and +2 classroom teachers. I want to make sure to provide helpful feedback.

To help with this process, I will provide the team with two documents. The first document will be the feedback form which will include a summary of the requirements, along with errors noted and possible explanations of the errors. The second document will be the school report in an Excel format with errors highlighted. Jarrod Slone provided the teams with example reports at the AdMIT days in August. After reviewing the feedback and report, the errors will need to be corrected in the Infinite Campus Intervention Tab before the January 30th pull.

Please be patient as we work through the data together. The feedback does not serve as a “gotcha” notice, but just simply feedback to make improvements for the future pulls. However, the school must update and revise the records by the next scheduled pull. As I get into the data, it also provides me with feedback about what the Kentucky Department of Education (KDE) can do to help provide better guidance in the future.

Thank you for your continued hard work and dedication to your students. Please know that I am here to answer any questions that you may have and assist you at any time.

Thank you – *Pamela Pickens*

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Yearly KDE Requirements:

Beginning of the School Year

- ☒ Assurance Statement
- ☒ MITs Attend MIT Training
- ☒ Classroom Teachers Attend Comprehensive Courses
- ☒ Attend Fall Professional Learning (AdMIT Day)
- ☒ Beginning-of-Year Survey
- ☒ Schedule Sent to the KDE

By October 30th

- ☒ Infinite Campus Intervention Tab Utilized

By January 30th

- ☐ Infinite Campus Intervention Tab Updated
- ☐ MIT Mid-Year Survey

By March 30th

- ☐ Infinite Campus Intervention Tab Updated

End of the School Year

- ☐ Infinite Campus Intervention Tab Records Completed
- ☐ MIT End-of-Year Survey

Department of Education

Office of Teaching and Learning

Division of Learning Services

Differentiated Learning Branch

Associate Commissioner: Dr. Amanda Ellis

Division Director: Gretta Hylton

Branch Manager: April Pieper

Math Intervention Consultant: Pamela Pickens

Bookmark for Quick Access!

The Kentucky Department of Education MAF Resource Page -

<http://education.ky.gov/curriculum/conpro/Math/Pages/MAF-Grant.aspx>

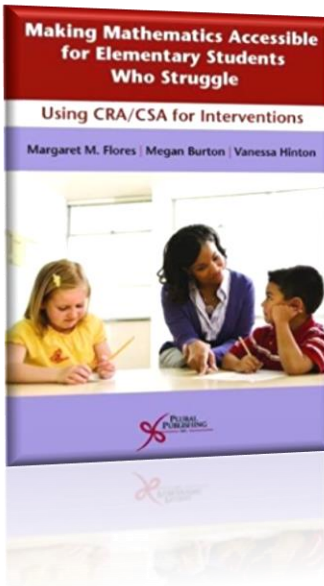


- **November 30** - Deadline for submission of fall schoolwide assessment data to Abacus.
- **January 30** - Data Pull for Infinite Campus Intervention Tab. Be sure all MAF student records are updated and accurate. If students have moved or exited intervention, be sure those records are closed with "Student Service Results" entered.
- **January 31** - Deadline for completing the Mid-Year Survey.
- **March 30** - Data Pull for Infinite Campus Intervention Tab. Be sure all MAF student records are updated and accurate. If students have moved or exited intervention, be sure those records are closed with "Student Service Results" entered.
- **May 31** - Deadline for completing the End-of-Year Survey.
- **May 31** - Deadline for submission of spring schoolwide assessment data to Abacus.
- **June 30** - Data Pull for Infinite Campus Intervention Tab. Be sure ALL records are complete with "Student Service Results" entered.

Recommended Reading

Making Mathematics Accessible for Elementary Students Who Struggle: Using CRA/CSA for Interventions

By Megan Burton, Margaret Flores and Vanessa Hinton



This comprehensive resource provides educators with focused methods for students who struggle in elementary mathematics. The methods and procedures revolve around the CRA/CSA (Concrete-Representational/Semi-Concrete-Abstract) instructional sequence. These strategies are intended for small group intensive instruction, one that addresses students need for increased repetition and explicitness that cannot be provided within a large group of students with diverse learning needs.

Current research on the CRA/CSA instructional sequence is scattered across multiple resources. This book provides comprehensive coverage of the most up-to-date research in one user-friendly resource. The sequence is included in every chapter and addresses instruction related to number sense, counting, basic operations, complex operations, basic fraction concepts, and operations with fractions.

This resource is written by experienced professors spanning the fields of special education and curriculum, and teaching. Its professional insight, aligned with current mathematical teaching standards and CRA/CSA research, makes this text invaluable to upcoming or current teachers in elementary mathematics.

Key Features:

- Explicit and hands-on examples of CRA/CSA aligned with current mathematics standards and practices
- Suggestions and tips for various classroom situations
- Application questions for every chapter
- Drawings and diagrams associated with steps of the teaching process
- Classroom-tested strategies

Budget Concerns and Rumors

On behalf of Kentucky students and the Kentucky Department of Education (KDE), thank you for your continued dedication to student learning in the area of mathematics. The state continues to make improvements around mathematics instruction and teachers are critical to our success. As you can imagine, the KDE is receiving a constant stream of communication from individuals with concerns about the budget issues. Over the next few months, KDE will be proactive in our communications, and also in providing guidance and support to all our districts and partners. Like other state agencies, the KDE is required to make cuts to budgets. At the KDE, we have long had the priority of trying to absorb as many of the reductions as possible so more money can go to classrooms to support teaching and learning. This will continue to be the priority. All budget proposals are being reviewed and decisions will be based on reducing the impact to students and classrooms as much as possible.

Conference Requirements

As stated in the RFA and Assurance Document, *the principal must agree to pay for the MIT and two classroom teachers on the school's mathematics team to attend at least one state mathematics conference approved by the KDE*. As of right now, the KDE has approved the KCTM Conference in November and the KCM Conference in March as options to fulfill this grant requirement. If your school finds another conference focused on best practices in mathematics for teachers, feel free to contact Pamela Pickens for approval. The MIT and two classroom teachers are only required to attend one conference and they do not have to attend as a team. **To verify attendance, please email Pamela Pickens a copy of the paid invoice for the attended conference.**



“Ignite: Fueling a Passion for Math!”

Registration is now open for the 2018 Kentucky Center for Mathematics Conference at the Griffin Gate Marriott Resort in Lexington, Kentucky. The conference will be held March 5th and 6th, 2018. The conference is dedicated to professional learning among P-16 educators working to improve mathematics achievement.

For more information: <http://www.kentuckymathematics.org/KCMConference2018/>

Speaker Proposals

The KCM invites you to submit a speaker proposal for the 2018 conference! Speaker proposals will be accepted through November 13, 2017. Edits to speaker proposals will be able to be made up until 11:59 p.m. that evening. All proposal submitters will receive an email by 5pm on Wednesday, December 6, 2017 to let them know if their proposal has or has not been accepted to be presented at the 2018 conference.

If a proposal is selected, the lead speaker will automatically be registered for the conference and their registration fee will be waived. The lead speaker will not need to register again through attendee registration. Any co-speakers **MUST** register through attendee registration and pay the standard registration fee of \$195.

All presentation rooms will be equipped with a projector, a screen, a laptop, computer speakers, a document camera, an easel and a flip chart. Any additional required equipment is the responsibility of the speaker. Speakers may bring their own laptops or Macs, as well. Please note that if a speaker intends to use a Mac, the speaker is responsible for bringing any needed unique cords or cables to connect with the other equipment.

Registration

Attendee registration will be available through February 23, 2018.

Attendee Registration Fee: **\$195** (per person)



2017 Kentucky Council of Teachers of Mathematics Conference

Registration is now open for the 2017 Kentucky Council of Teachers of Mathematics Conference at Randall K. Cooper High School in Union, Kentucky. The conference will be held Saturday, November 4th, 2017. The keynote speaker for this year's conference is Dr. Jennifer Bay-Williams. Dr. Jennifer Bay-Williams has written over a dozen books and many articles around K-12 mathematics education, including best-selling books on how to teach mathematics – *Elementary and Middle School Mathematics – Teaching Developmentally* and *Teaching Student Centered Mathematics* and various other books including *On the Money* (financial literacy book series for middle and high school), *Mathematics Coaching: Resources and Tools for Coaches and Other Leaders* (K-12), and *Developing Essential Understanding of Addition and Subtraction in Prekindergarten–Grade 2*.

For more information: <http://www.kctm.org/page-143039>

Attendee and Speaker Registration

Registration Fee and Payment Instructions - When registering, attendees and speakers will have the option to pay the fee and for any tickets to the KCTM Awards Banquet online through PayPal or manually with a check. Attendees and speakers who do not pay with a credit card will receive an e-mail with instructions for manual payments; please note that purchase orders will not be accepted. The e-mail with the registration information will serve as an invoice; no other invoice will be provided.

KCTM Awards Banquet - The banquet will be held on Friday evening, November 3, 2017, at the [Newport Aquarium](#) in Newport, KY. A cash bar will be available at 6:00 p.m., and dinner will be served beginning at 7:00 p.m. The awards presentations will follow dinner. Tickets are available for \$25 per person and can be purchased on the registration form.

Early Registration Forms and Fees

[Attendee](#) (Member) (must be logged in as a member) - **\$70**

[Attendee](#) (Non-member) - **\$85**

[Lead speaker](#) (code is required) - **\$25**

[Co-speaker](#) (must be logged in as a member) - **\$70**

Great Math Titles for Classroom Libraries

