Math Intervention Update

Mathematics Achievement Fund — Diagnostic and Intervention Services

October 2017

Volume 6 – Issue 3

A Monthly Update for the Mathematics Achievement Fund Grant

Your Feedback and Input is Important

We have reviewed the feedback you provided during the recent AdMIT days across the state. We want you to know that your feedback and input is important to us as we plan for next year. Because it is a new grant cycle, and the new grants have different requirements from those awarded previously, we wanted to focus primarily on the grant requirements to ensure everyone was on the same page and everyone had a chance to ask any questions they may have about this grant cycle. In our minds, we believe the future events will be more personalized with all participants having a unique experience based on individual needs. For example, returning MITs and principals will not need to attend sessions for brand new MITs and principals next year. Also, MITs already using the Intervention Tab correctly will not need additional training on this topic.

We know it is difficult to plan for next year already, but we wanted to ask a few questions to help with planning for the Fall Professional Learning Events while it is fresh on everyone's mind. We want to make the events as beneficial as possible for all schools to meet the grant requirements. Please complete the following survey regarding locations, times and topics, so we can cater the event to meet your needs: MAF Quick Survey for 2018-19 AdMIT Planning.

Parent Consent Clarification

The Kentucky Center for Mathematics Parent Informed Consent Form is needed to share student-level data with the KCM to evaluate the effect on student achievement and to use the student's image. If parents do not provide consent to share data and/or use the student's image, it does not mean the student cannot receive intervention instruction. Students can receive intervention services from the MIT whether or not this consent form has been signed and returned.

Schedules

Thanks to all of the MITs for submitting schedules for review by the Kentucky Department of Education. I have reviewed and provided feedback to all MITs that have submitted schedules. As a MIT, your main focus should be providing students with effective, mathematics instruction. When students are in the building, they are your top priority. Remember – I am always here to help. I am an advocate for you and what is best for your students. All of us have to be good stewards of the grants and follow the requirements of the MAF RFA and Assurance Document to ensure the money is protected in the future.

Thank you for your dedication to students and helping them succeed in math by providing effective instruction and interventions each and every day. Please know that I am here to answer any questions that you may have and assist you at any time.

Thank you – *Pamela Pickens*

pamela.pickens@education.ky.gov

Office: 502-564-4158 ext. 4158

Cell: 270-889-3544

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!

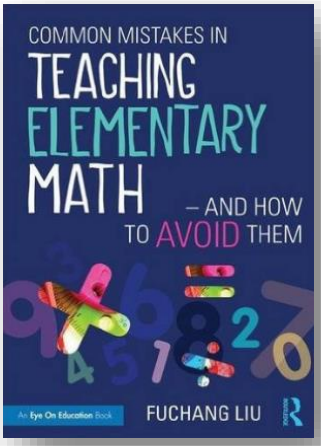
The Kentucky Department of Education MAF Resource Page -

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

dates to Remember

- **October 30** - Data Pull for Infinite Campus Intervention Tab. Be sure to have all students directly served by MAF entered into the tab.
- **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



Common Mistakes in Teaching Elementary Mathematics – And How to Avoid Them

By Fuchang Liu

Learn the most effective ways to teach elementary math, no matter how much experience you have with the subject. In this book, the author takes you through many common mistakes in math instruction and explains the misunderstandings behind them. He points out practices that should be avoided, helping you to adjust your lessons so that all students can achieve success.

You'll discover how to…

- Increase your confidence with core math principles and reasoning
- Set your students on the path toward eventually developing more complex math skills
- Improve student achievement by approaching problems in logical yet creative ways
- Overcome common challenges faced by students and teachers
- Teach problem solving for different learning styles

Every chapter reconsiders well-established ways of teaching all areas of elementary math, from addition and subtraction to statistics and graphs. Helpful examples and tips are scattered throughout the book, offering revisions to the way these topics are often presented in the classroom. Also included are group study ideas for principals and instructional coaches so your school or district can work on the book together. With this practical guide, you'll be ready to help students truly develop their math understanding.

Intervention Tab for MITs

All students serviced by Mathematics Achievement Fund interventionists will be required to use the Intervention Tab in Infinite Campus for 2017-2018. In general, the expectation is that once you have your intervention student roster, you will "open" an intervention record for each student in Infinite Campus. The tab is under the individual student, under general, under PLP and is labeled simply, "Intervention." You will complete the record for each student, with the understanding some fields will not be applicable to your circumstances, and a few fields are optional. The KDE will pull data on October 30th, January 30th, March 30th, and June 30th. Please have records updated by those times.

Please make sure that you have access to Infinite Campus by contacting your principal or technology coordinator. If you have any questions, please let us know as soon as possible.

Steps to enter intervention records in the Intervention Tab:

- ❑ Log in to Infinite Campus.
- ❑ Go into a student's record. You can search by name. Click on the **PLP** tab.
- ❑ Go to "**General**" and you will see "**Intervention**" in the top right hand corner. When you click on "**Intervention**" you will see "**New Status**".
- ❑ The status date and time will automatically be opened by IC. However, if you began interventions last week and did not enter them in the intervention tab until today, you can manually override the date. The **Start Date** will be the first day of the first intervention session –NOT THE FIRST DAY OF SCHOOL. **You will not enter the end date at this time**.
- ❑ For the **Tier Status**, MAF will probably be either Tier 2 or Tier 3 depending on the school's RTI framework. If you are providing daily one-on-one service, it will most likely be a Tier 3.
- ❑ The **Intervention Type** is #4 for MAF and there is **NO COURSE CODE**.
- ❑ The **Intervention Content Area** is Math.
- ❑ **Total Hours** should reflect the number of hours the student has spent in intervention. If a student exits the intervention, then you would input the total of hours served throughout the entire intervention.
- ❑ The **Intervention Material** is #5 – a vendor program.
- ❑ The **Materials Codes** are:
  - **3380 for Assessing Math Concepts**
  - **3379 for AVMR**
  - **3360 for Do The Math**
  - **3310 for Math Recovery**
- ❑ The **Intervention Staff** is #1 – a certified teacher.
- ❑ **Delivery Location** is "On-Site".
- ❑ **Delivery Method** is "In-Person".
- ❑ **Frequency** – select the most accurate description for the selected student.
- ❑ **Duration** – amount of time spent in intervention session
  - **1**: < 30 minutes
  - **2**: 30 minutes
  - **3**: 45 minutes
  - **4**: 60 minutes
  - **5**: >60 minutes
- ❑ **Area(s) of Student Need** – select all skill areas that apply

As students exit MAF Interventions, please be sure to access his or her Intervention Record to complete the "**Student Service Results**," "**End Date**" and "**Total Hours Served**".

Questions?

Please contact Pamela Pickens at pamela.pickens@education.ky.gov or Jarrod Slone at jarrod.slone@educaiton.ky.gov

Resources for the Intervention Tab – This video is from last year, but may help you understand the step-by-step process for using the Intervention Tab. http://mediaportal.education.ky.gov/curriculum-and-teaching/math-curriculum-and-teaching/2016/08/mathematics-achievement-fund-orientation-meeting-2016-2017/

Intervention Tab for Classroom Teachers at MAF Grant Schools

All classroom students provided mathematics instruction during core instructional time by MAF Classroom Teachers on the MAF School Mathematics Team will be required to use the Intervention Tab in Infinite Campus for 2017-2018. As a part of the grant, we are wanting to capture students within classrooms where classroom teachers have received the KCM Comprehensive Course as a result of the MAF grant. (Yes, we know this is not intervention in Tier II or III, but Tier I Core Instruction.) In general, the expectation is that once you have your classroom student roster, you will "open" an intervention record for each student in Infinite Campus. The tab is under the individual student, under general, under PLP and is labeled simply, "Intervention." You will complete a record for each student, with the understanding some fields will not be applicable to your circumstances, and a few fields are optional. *****NOTE: Please understand this is our first year attempting to capture data around core instruction as a result of the MAF Grant. We are learning with you. We will figure it out together.**

Steps to enter classroom records in the Intervention Tab:

- ❑ Log in to Infinite Campus.
- ❑ Go into a student's record. You can search by name. Click on the **PLP** tab.
- ❑ Go to "**General**" and you will see "**Intervention**" in the top right hand corner. When you click on "**Intervention**" you will see "**New Status**".
- ❑ The status date and time will automatically be opened by IC. However, you can manually override the date. The **Start Date** will be the first day of the school year. **You will not enter the end date at this time**.
- ❑ For the **Tier Status**, MAF classroom teachers will enter Tier 1. If the student is also receiving Tier 2 or 3 interventions, you as the classroom teacher are not required to enter them as a part of the MAF grant.
- ❑ The **Intervention Type** is #4 for MAF and there is **NO COURSE CODE**.
- ❑ The **Intervention Content Area** is Math.
- ❑ **Total Hours** should reflect the number of hours the student has spent in intervention. If a student withdraws from school, then you would input the total of hours. Estimates are okay here. Also, for most students this would only be entered at the end of the school year.
- ❑ The **Intervention Material** is #5 – a vendor program. (KCM is considered a vendor for this purpose.)
- ❑ The **Materials Codes** are:
  - **3400 KCM Comprehensive Course for Primary (K-2)**
  - **3401 KCM Comprehensive Course for Intermediate (3-5)**
- ❑ The **Intervention Staff** is #1 – a certified teacher.
- ❑ **Delivery Location** is "On-Site".
- ❑ **Delivery Method** is "In-Person".
- ❑ **Frequency** – most likely "1: Daily" if students receive core instruction in mathematics every day.
- ❑ **Duration** – amount of time spent in core mathematics instruction each day
  - **1**: < 30 minutes
  - **2**: 30 minutes
  - **3**: 45 minutes
  - **4**: 60 minutes
  - **5**: >60 minutes

As students withdraw or end the year, please be sure to access his or her Record to complete the "**Student Service Results**," "**End Date**" and "**Total Hours Served**".

Questions?

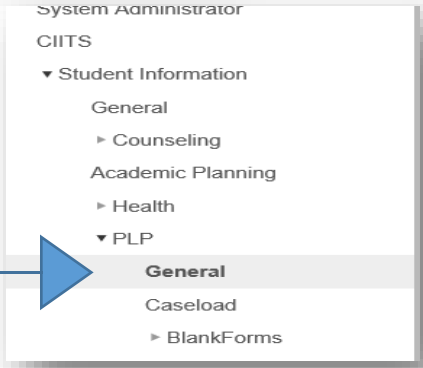
Please contact Pamela Pickens at pamela.pickens@education.ky.gov or Jarrod Slone at jarrod.slone@educaiton.ky.gov

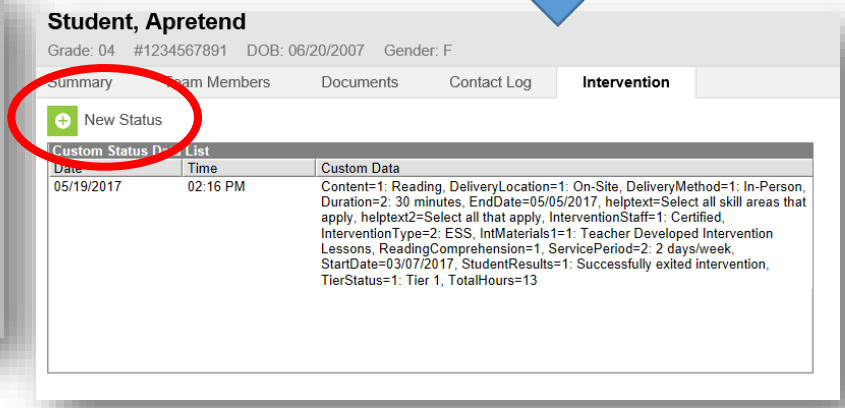
Resources for the Intervention Tab – This video is from last year and specifically for Interventionists, but may help you understand the step-by-step process for using the Intervention Tab.
http://mediaportal.education.ky.gov/curriculum-and-teaching/math-curriculum-and-teaching/2016/08/mathematics-achievement-fund-orientation-meeting-2016-2017/

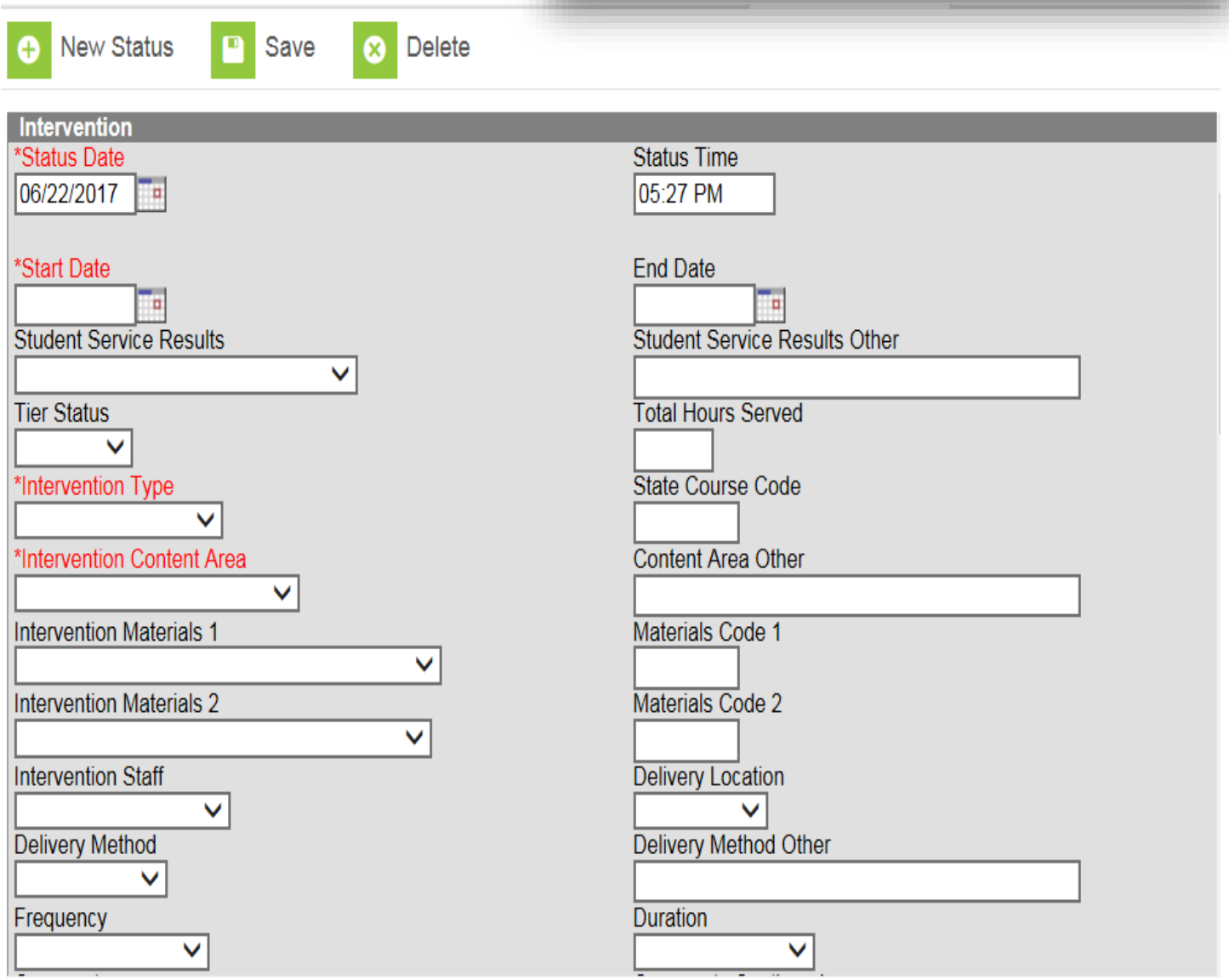
Intervention Tab Screenshots

If student has previous record, it might look like this. You will click "New Status"

After selecting the student, **Start Here**.







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 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**.

KCM
KENTUCKY CENTER FOR
MATHEMATICS

"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

Early Registration - To qualify for the early registration fee, full payment must be received by October 13, 2017. After this date, all registrations for attendees and speakers will be processed on-site. Only early registrants are guaranteed breakfast, lunch, and a conference bag.

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.

Lead Speakers and Co-Speakers - All lead speakers and co-speakers must be paid members of KCTM when the proposal is submitted. Only one speaker per proposal may be designated as the lead speaker, who is eligible for the reduced registration fee of $25. This fee must be paid by October 13, 2017. Co-speakers may complete early registration at any time before October 13, 2017.

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**