

Calendar of Events

April 17, 2024

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2023-24)

Virtual ZOOM meetings

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

The KCM is proud to support Kentucky Math Interventionists! This collegial learning and support opportunity is open to all Kentucky K-8 math intervention teachers who want to grow as professionals and share their knowledge, successes and struggles with fellow math intervention teachers.

COURSE TITLE: Kentucky Math Interventionist Collegial Support

COURSE DESCRIPTION:

This Collegial Support Group for Kentucky Math Interventionists includes the following:

- * 7 one-hour monthly ZOOM meetings where participants can interact with fellow math interventionists and learn from KCM Regional Consultant Lisa Riggs and other special guest speakers.*
- * A monthly newsletter filled with teacher tips and intervention resources will be emailed to all registered Kentucky math interventionists.*
- * Active participants will receive KCM Math Teacher Support Kits filled with books and manipulatives to support their intervention work.*
- * Because virtual is great but in-person is better, the KCM will hold a special, invitation-only meet and greet session for this group at the KCM Annual Math Conference in March 2024 (date and time TBD).*

COST: FREE for Kentucky math interventionists

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern

DATES: 7 Select WEDNESDAYS September 2023 through April 2024

- 1. September 13, 2023*
- 2. October 18, 2023*
- 3. November 29, 2023*
- 4. January 17, 2024*
- 5. February 21, 2024*
- 6. March 20, 2024*
- 7. April 17, 2024*

Kentucky math interventionists may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate. However, Math Teacher Support Kits will only be mailed to active participants.

There is no registration limit for this collegial support group. Please share this professional learning event with any Kentucky math interventionists you know.

All registered participants will receive the monthly newsletter and the ZOOM meeting link via an email from KCM Regional Consultant Lisa Riggs. Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend,

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math intervention teachers and add those Wednesday dates to your work calendar!

April 26, 2024

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2023-24)

Virtual ZOOM meetings

09:30 AM - 11:00 AM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Imagine a school where parents are true partners in mathematical learning. Now learn how to make that vision a reality. This course will empower you to host an AMAZING Family Math Night at your school. Course participants even get to choose from a KCM approved list of math manipulatives and order up to \$250 in materials to use at their Family Math Night.

COURSE TITLE: Family Math K-6: Empowering Parents as Partners

COURSE DESCRIPTION:

*Families are critical partners in students' developing mathematical knowledge. Yet, so many parents, grandparents and guardians feel frustrated and overwhelmed when trying to help their child with math. For this course, the KCM utilizes the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*; this wonderful resource provides educators with guidance on how to communicate with families about their child's math learning. Each participant receives a copy of this book.*

During this course, participants will:

- * explore research on family engagement and how to educate parents concerning math fluency and the Kentucky Academic Standards.*
- * discuss family math resources and how to conduct a family math night event.*
- * host one Family Math Night at their own school.*
- * receive up to \$250 of manipulatives and activity resources for their family math night. Participants will choose the materials and resources they need from a list of approved options provided by the KCM. (Materials orders must be given to the KCM at least 6 weeks before the Family Math Night event and no later than February 23, 2024.)*

COST: \$50 (This course is available for KENTUCKY K-6 educators only)

LOCATION: Virtual ZOOM meetings

TIME: 9:30 - 11:00 am Eastern (8:30 am - 10:00 am Central)

DATES: 5 virtual 90-minute sessions on select FRIDAYS, plus 1 Family Math Night implementation

1. September 8, 2023
2. September 22, 2023
3. January 5, 2024
4. January 26, 2024 (Materials orders must be placed by February 23, 2024)
5. April 26, 2024

Participants must be able to attend all 5 virtual ZOOM meetings as scheduled above. These virtual sessions are live and interactive meetings; they are not recorded to be watched at any other time.

Registration closes on Thursday, August 17, 2023. Participants must register by 11:59 pm on Thursday, August 17 in order to attend.

Registration limit for this course is 25 participants. Once that limit is reached, the KCM will be unable to accept any additional participants.

Because participants might register during the 2022-23 fiscal school year, but this course meets during the 2023-24 fiscal school year, the KCM can change the date on any invoice if needed to be July 3, 2023. Please email the KCM at kcm@nku.edu or call

us at 859-572-7690 if you need that change made.

Please note:

This KCM professional learning event is for KENTUCKY K-6 educators only. Participants commit to implementing one Family Math Night event at their school during the 2023-24 school year. Each school will receive up to \$250 of materials to use at their Family Math Night event.

Since spots in this course are limited, we ask that each school register just one participant - which should be the person who will be leading the planning and implementation of the Family Math Night event at their school. Should a school want to have more than one person attend this course, they should contact the KCM at 859-572-7690 or kcm@nku.edu to discuss their situation. The KCM will determine the best way to handle any additional registrations needed for that school.

The \$50 registration fee is non-refundable once the book is ordered. If you register and then become unable to attend for any reason, your school or district may send someone else to attend in your place. Regardless of whether or not a replacement is sent, the course invoice will still need to be paid.

Information regarding Purchase Orders and KCM Invoices:

** You may register for any KCM course without a PO; however, please note that many Kentucky school districts require you obtain a PO before they will pay the invoice. Please obtain a PO if one is required by your school or district.*

** Only the registered participant will be emailed a copy of the course invoice. It is the participant's responsibility to forward that invoice on to the appropriate person at their school or district for payment.*

** Participants may ask that a copy of their invoice be emailed to another email address; contact the KCM at 859-572-7690 or kcm@nku.edu.*

** KCM Invoices are not mailed.*

** Payment is greatly appreciated prior to the course start date, and must be paid as soon as the course is finished.*

Please contact the KCM at 859-572-7690 or kcm@nku.edu with any questions.

May 20, 2024

Nelson County District Support - PreK Mathematics Professional Learning - Julie Adams (202

Nelson County Early Learning Center

1200 Cardinal Drive

Bardstown, KY 40004

08:30 AM - 03:30 PM EST

Nelson County Schools has contracted with the KCM to provide customized professional learning for the 2023-24 school year.

This event is only for PreK teachers from Nelson County Schools.

The KCM was told to provide materials for 25 PreK Teachers

The PreK sessions will be held at the Nelson County Early Learning Center, 1200 Cardinal Drive, Bardstown, KY, 40004. (502) 350-3914

The PreK Director is Stacey Chevalier.

This cohort is for the PreK Mathematics Professional Learning facilitated by KCM RC Julie Adams.

Nelson County provided the following dates to cover 8 half-day sessions for each teacher:

Sessions 1 & 2: Thursday, August 17, 2023 (Backpack Day: All 17 teachers attending Session 1 in the morning and Session 2 in the afternoon - 8:30-11:30 and 12:30-3:30)

Session 3: Monday, October 9, 2023 (Backpack Day: All 17 teachers will attend session 3 in the morning)

Session 4: Friday, November 3, 2023: (Classroom coverage needed: Some of the 17 teachers will attend session 4 in the morning and some will attend in the afternoon)

**Session 4 changed from Nov 10 to Nov 3 on 10/10/23 per email from Julie.*

Session 5: Tuesday, January 2, 2024 (Backpack Day: All 17 teachers will attend session 5 in the morning)

Session 6: Friday, February 2, 2024 (Classroom coverage needed: Some of the 17 teachers will attend session 6 in the morning and some will attend in the afternoon)

Session 7: Friday, March 8, 2024 (Classroom coverage needed: Some of the 17 teachers will attend session 7 in the morning and some will attend in the afternoon)

Session 8: Monday, May 20, 2024 (All 17 teachers will attend Session 8 in the morning)

INVOICING:

Originally Teresa Henderson (Director) was to be invoiced for the cost of materials for all three cohorts (PreK, K-2, and 3-5) through her KCM member record and a non-dues invoice #1717; however, Nelson County later asked that the individual schools be invoiced. Nelson County paid for 25 sets of PreK materials at \$225 per set (25 X \$225 = \$5,625)

June 10, 2024

Floyd County - Duff Allen Elementary - AVMR 1 & 2 - Julie Adams (2023-24)

Floyd County - Duff Allen Elementary

08:30 AM - 03:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Floyd County - Duff Allen Elementary - AVMR 1 & 2 - Julie Adams (2023-24)

LOCATION = Duff Allen Elementary, 183 Rebel Ln, Eastern, KY 41622

CONTACT = Nikki Gearheart, Principal

FACILITATOR = Julie Adams

TIME = 8:30 am – 3:30 pm EST (Lunch break from 11:30 am – 12:30 pm)

DATES:

?AVMR 1 will meet during the Summer of 2023

Monday, July 17, 2023

Tuesday, July 18, 2023

Monday, July 24, 2023 Principal Nikki Gearheart emailed Julie on 7/12/23: The district has scheduled a mandatory training on July 24 for their K-2 teachers. This Session 3 moved to Tuesday, July 25

Tuesday, July 25, 2023 This Session 4 changed to Wednesday, July 26 - see note above.

Monday, November 6, 2023 - Bonus Day for AVMR 1 added on 8/25/23. Nikki Gearheart told Julie this date no longer works for them. Needs to be rescheduled. As of 11/10/23, Duff Allen had still nt given Julie a new date. As of 12/8/23 this session has still not been rescheduled. Per email from Julie on 3/19/23 this date was rescheduled to 6/10/24.

AVMR 2 will meet during the 2023-24 school year

Monday, November 27, 2023 RESCHEDULED TO TUESDAY, JUNE 11, 2024

Tuesday, November 28, 2023 RESCHEDULED TO WENESDAY, JUNE 12, 2024

Wednesday, December 6, 2023 AS OF 3/27/24 STILL WAITING FOR NEW DATES FOR DAYS 3 & 4

Thursday, December 7, 2023

12/8/23: Caroline talked with Julie who said Duff Allen was unable to meet on the 4 dates above for AVMR 2. They need to be rescheduled. Julie has the 8 AVMR 2 kits and all the materials for the AVMR 1 Bonus Day.

THEY ARE USING GRANT \$ FOR THIS EVENT SO NEEDS TO BE COMPLETED BY JUNE 28, 2024 OR GET APPROVAL FROM KDE TO FINISH IN THE 2024-25 SCHOOL YEAR.

June 11, 2024

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Floyd County - Duff Allen Elementary

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June 12, 2024

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Floyd County - Duff Allen Elementary

08:30 AM - 03:30 PM EST

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FACILITATOR = Julie Adams

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DATES:

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July 22, 2024

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)

This cohort will meet in Georgetown, KY. Exact location will be emailed to all registered participants

09:00 AM - 04:00 PM EST

Kentucky Center for Mathematics, 859-572-7690

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Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)

In this new professional learning event from the Kentucky Center for Mathematics (KCM), participants will examine what fluency is (and what it isn't) and explore how to teach and assess reasoning strategies critical for developing fluency. Fluency is much more than knowing facts and standard algorithms. Students in these transitional grades need to be able to use this knowledge for more advanced multiplicative and proportional reasoning. The facilitator of this event, KCM Director Dee Crescitelli, will teach participants how to enable their students to select efficient strategies and adapt as needed to persevere in problem solving. Participants will receive resources to support the teaching of fluency including Figuring Out Fluency in Mathematics Teaching and Learning by Jennifer Bay-Williams, a selection of companion books in the Figuring Out Fluency series, Cuisenaire Rods, and more! This professional learning event will meet for a total of 5 sessions: The first 3 sessions will meet in-person for full days, and the last 2 sessions will meet virtually via ZOOM for half-days. Participants are expected to attend all 5 sessions.

COST: \$200 per participant

EVENT SCHEDULE

Session 1 (Full Day, In-Person): Monday, July 22, 2024; 9:00 am - 4:00 pm Eastern

Session 2 (Full day, In-Person): Tuesday, July 23, 2024; 9:00 am - 4:00 pm Eastern

Session 3 (Full Day, In-Person): Wednesday, October 23, 2024; 9:00 am - 4:00 pm Eastern

Session 4 (Half Day, Virtual): Wednesday, December 4, 2024; 9:00 am - 12:00 pm Eastern

Session 5 (Half Day, Virtual): Wednesday, February 19, 2025; 9:00 am - 12:00 pm Eastern

LOCATION: This cohort will meet in Georgetown, KY (in Scott County) for the 3 in-person days. The 2 half-day virtual sessions will meet via ZOOM.

Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

1. DUE DATE: Your \$200 registration fee for this course should be paid by the course start date - July 22, 2024.

2. YOUR INVOICE:

A) KCM invoices are emailed to the registered participant only. The KCM does NOT mail invoices.

B) KCM emails containing invoices almost always go to the recipient's spam or junk folders, so please check those folders after you register for a KCM event. Please move any KCM emails you find in your spam or junk folders to your inbox and add the KCM to your safe contact list.

C) You must give a copy of your invoice to the person at your school, school district or organization responsible for paying it.

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E) Because participants may register during the 2023-24 fiscal school year, but this course meets during the 2024-25 fiscal school year, the KCM can change the date on any invoice if needed to be July 1, 2024. Please email the KCM at kcm@nku.edu or call us at 859-572-7690 if you need that change made.

3. PURCHASE ORDER (PO):

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4) IF YOU REGISTER FOR THIS COURSE AND THEN ARE UNABLE TO ATTEND FOR ANY REASON:

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B) Contact your employer and notify them that you are unable to attend. The KCM encourages your school, school district or organization to send someone to attend in your place as your registration fee will not be waived or refunded once materials have been ordered for you.

July 23, 2024

Math Fact Fluency Grades 1-5 - Pikeville, KY - Sumer Smith (2024-25)

This cohort will meet in Pikeville, KY. Exact location will be emailed to all registered participants

July 23 & 24, 2024 = 9 am - 4 pm ET; Nov 7, 2024 = 8:30 am - 3:30 pm ET

Kentucky Center for Mathematics , 859-572-7690

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Math Fact Fluency Grades 1-5 - Pikeville - Sumer Smith (2024-25)

Please join the KCM and facilitator Sumer Smith for this in-person, 3-day professional learning event as we explore math fact fluency in grades 1-5.

Each participant will receive a large plastic file box filled with ready-to-use laminated Math Fact Fluency games and the materials needed to play each game with up to 6 students. Materials include dice, counters, playing cards, dry erase markers & wipes, and more.

Each participant will also receive a copy of the book Math Fact Fluency: 60+ Games and Assessment Tools to Support Learning and Retention by Jennifer Bay-Williams and Gina Kling.

COST: \$250 per participant

SCHEDULE:

1. Tuesday, July 23, 2024: 9:00 am - 4:00 pm Eastern
2. Wednesday, July 24, 2024: 9:00 am - 4:00 pm Eastern
3. Thursday, November 7, 2024: 8:30 am - 3:30 pm Eastern

PLEASE NOTE: Days 1 & 2 meet during the summer from 9 am - 4 pm; Day 3 - because it meets during the school year - will meet from 8:30 am - 3:30 pm. Participants are expected to attend all 3 days. Your school would be responsible for any sub needed for your classroom on November 7.

LOCATION: This cohort will meet in Pikeville, KY, which is in Eastern Kentucky. Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

1. **DUE DATE:** Your \$250 registration fee for this course should be paid by the course start date - July 23, 2024.

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COST: \$250 per participant

SCHEDULE:

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2. Wednesday, July 24, 2024: 9:00 am - 4:00 pm Eastern
3. Thursday, November 7, 2024: 8:30 am - 3:30 pm Eastern

PLEASE NOTE: Days 1 & 2 meet during the summer from 9 am - 4 pm; Day 3 - because it meets during the school year - will meet from 8:30 am - 3:30 pm. Participants are expected to attend all 3 days. Your school would be responsible for any sub needed for your classroom on November 7.

LOCATION: This cohort will meet in Pikeville, KY, which is in Eastern Kentucky. Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

1. **DUE DATE:** Your \$250 registration fee for this course should be paid by the course start date - July 23, 2024.

2. YOUR INVOICE:

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B) KCM emails containing invoices almost always go to the recipient's spam or junk folders, so please check those folders after you register for a KCM event. Please move any KCM emails you find in your spam or junk folders to your inbox and add the KCM to your safe contact list.

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D) Anyone who needs a copy of a KCM invoice can contact the KCM at 859-572-7690 or kcm@nku.edu to request one be emailed to them.

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July 25, 2024

Understanding Place Value: Structuring Numbers to 1,000 Grades 1-4 - London, KY - Cindy A

This cohort will meet in London, KY. Exact location will be emailed to all registered participants

09:00 AM - 04:00 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Understanding Place Value: Structuring Numbers to 1,000 Grades 1-4 - London, KY - Cindy Aossey (2024-25)

Have you tried everything to help your students add and subtract within 1,000? Let's add a deep understanding of structuring number to your teacher toolbox! As students develop mental strategies for adding and subtracting, they make sense of the powerful structure of our base-10 number system. In this 1-day, in-person professional learning event facilitated by KCM Director Cindy Aossey, learn how to support your students in developing their own strategies for addition & subtraction, and explore ways to use manipulatives, visuals, and scaffolded tasks to support students' understanding of place value, addition and subtraction. Participants will receive books and resources such as base-10 manipulatives and ready-to-play activities.

COST: \$100 per participant

DATE: Thursday, July 25, 2024: 9:00 am - 4:00 pm Eastern

LOCATION: This cohort will meet in London, KY, which is in Laurel County in Southeastern KY.

Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

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2. YOUR INVOICE:

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September 12, 2024

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey (2024-25)

This cohort will virtually via ZOOM on select Thursdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey & Dee Crescitelli (2024-2025)

This new online professional learning and support opportunity from the Kentucky Center for Mathematics is open to all K-12 Kentucky mathematics coaches. This group is for anyone working in Kentucky in a supportive role to teachers, which includes School Administrators. The KCM created this collegial support group so mathematics coaches throughout the Commonwealth could network and connect with each other. Together, this group will explore coaching resources and discuss ways to support teachers in their pedagogy and content knowledge grounded in Kentucky Academic Standards.

This 2024-25 Collegial Support Group for Kentucky Math Coaches includes the following:

- 1. Seven 1-hour monthly ZOOM meetings where participants can interact with fellow KY math coaches and learn from KCM Leaders including Directors Cindy Aossey and Dee Crescitelli, along with other special guest speakers.*
- 2. Opportunities to connect and collaborate with KY math coaches to share ideas and experiences.*
- 3. Active participants will receive at least 2 books selected by the KCM.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only, meet-and-greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math coaches. (You must work as a math coach or administrator in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select THURSDAYS September 2024 through March 2025

- 1. September 12, 2024*
- 2. October 17, 2024*
- 3. November 14, 2024*
- 4. December 12, 2024*
- 5. January 16, 2025*
- 6. February 13, 2025*
- 7. March 27, 2025*

Kentucky math coaches may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate.

Help us spread the word! Please share this professional learning event with any Kentucky math coaches you know.

The monthly ZOOM meeting link will be emailed to all registered KY math coaches and school administrators by KCM Directors Cindy Aossey or Dee Crescitelli. (cindy.aossey@outlook.com and crescited1@nku.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math coaches!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

September 18, 2024

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

This cohort will virtually via ZOOM on select Wednesdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

The KCM is proud to support Kentucky Math Interventionists! This online collegial learning and support opportunity is open to all Kentucky Kindergarten - 8th Grade math intervention teachers who want to grow as professionals and share their knowledge, successes and struggles with fellow math intervention teachers.

This 2024-25 Collegial Support Group for Kentucky Math Interventionists includes the following:

- 1. Seven one-hour monthly ZOOM meetings where participants can interact with fellow math interventionists and learn from KCM Regional Consultant Lisa Riggs and other special guest speakers.*
- 2. A monthly newsletter filled with teacher tips and intervention resources will be emailed to all registered Kentucky math interventionists.*
- 3. Active participants will receive KCM Math Teacher Support Kits filled with books and manipulatives to support their intervention work.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only meet and greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math interventionists. (You must work as a math interventionist in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select WEDNESDAYS September 2024 through April 2025

- 1. September 18, 2024*
- 2. October 16, 2024*
- 3. November 20, 2024*
- 4. January 15, 2025*
- 5. February 12, 2025*
- 6. March 26 2025*
- 7. April 23, 2025*

Kentucky math interventionists may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate. However, Math Teacher Support Kits will only be mailed to active participants.

Help us spread the word! Please share this professional learning event with any Kentucky math interventionists you know.

All registered participants will receive the monthly newsletter and the ZOOM meeting link via an email from KCM Regional Consultant Lisa Riggs (lriggs@murraystate.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

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The KCM can be reached at kcm@nku.edu or 859-572-7690.

October 16, 2024

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

This cohort will virtually via ZOOM on select Wednesdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

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COST: FREE for Kentucky math interventionists. (You must work as a math interventionist in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select WEDNESDAYS September 2024 through April 2025

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October 17, 2024

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This cohort will virtually via ZOOM on select Thursdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey & Dee Crescitelli (2024-2025)

This new online professional learning and support opportunity from the Kentucky Center for Mathematics is open to all K-12 Kentucky mathematics coaches. This group is for anyone working in Kentucky in a supportive role to teachers, which includes School Administrators. The KCM created this collegial support group so mathematics coaches throughout the Commonwealth could network and connect with each other. Together, this group will explore coaching resources and discuss ways to support teachers in their pedagogy and content knowledge grounded in Kentucky Academic Standards.

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- 2. Opportunities to connect and collaborate with KY math coaches to share ideas and experiences.*
- 3. Active participants will receive at least 2 books selected by the KCM.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only, meet-and-greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math coaches. (You must work as a math coach or administrator in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select THURSDAYS September 2024 through March 2025

- 1. September 12, 2024*
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- 6. February 13, 2025*
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The monthly ZOOM meeting link will be emailed to all registered KY math coaches and school administrators by KCM Directors Cindy Aossey or Dee Crescitelli. (cindy.aossey@outlook.com and crescited1@nku.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

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The KCM can be reached at kcm@nku.edu or 859-572-7690.

October 23, 2024

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)

This cohort will meet in Georgetown, KY. Exact location will be emailed to all registered participants

09:00 AM - 04:00 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)

In this new professional learning event from the Kentucky Center for Mathematics (KCM), participants will examine what fluency is (and what it isn't) and explore how to teach and assess reasoning strategies critical for developing fluency. Fluency is much more than knowing facts and standard algorithms. Students in these transitional grades need to be able to use this knowledge for more advanced multiplicative and proportional reasoning. The facilitator of this event, KCM Director Dee Crescitelli, will teach participants how to enable their students to select efficient strategies and adapt as needed to persevere in problem solving. Participants will receive resources to support the teaching of fluency including Figuring Out Fluency in Mathematics Teaching and Learning by Jennifer Bay-Williams, a selection of companion books in the Figuring Out Fluency series, Cuisenaire Rods, and more! This professional learning event will meet for a total of 5 sessions: The first 3 sessions will meet in-person for full days, and the last 2 sessions will meet virtually via ZOOM for half-days. Participants are expected to attend all 5 sessions.

COST: \$200 per participant

EVENT SCHEDULE

Session 1 (Full Day, In-Person): Monday, July 22, 2024; 9:00 am - 4:00 pm Eastern

Session 2 (Full day, In-Person): Tuesday, July 23, 2024; 9:00 am - 4:00 pm Eastern

Session 3 (Full Day, In-Person): Wednesday, October 23, 2024; 9:00 am - 4:00 pm Eastern

Session 4 (Half Day, Virtual): Wednesday, December 4, 2024; 9:00 am - 12:00 pm Eastern

Session 5 (Half Day, Virtual): Wednesday, February 19, 2025; 9:00 am - 12:00 pm Eastern

LOCATION: *This cohort will meet in Georgetown, KY (in Scott County) for the 3 in-person days. The 2 half-day virtual sessions will meet via ZOOM.*

Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Monday, July 1, 2024. *Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full.*

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November 7, 2024

Math Fact Fluency Grades 1-5 - Pikeville, KY - Sumer Smith (2024-25)

This cohort will meet in Pikeville, KY. Exact location will be emailed to all registered participants

July 23 & 24, 2024 = 9 am - 4 pm ET; Nov 7, 2024 = 8:30 am - 3:30 pm ET

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Math Fact Fluency Grades 1-5 - Pikeville - Sumer Smith (2024-25)

Please join the KCM and facilitator Sumer Smith for this in-person, 3-day professional learning event as we explore math fact fluency in grades 1-5.

Each participant will receive a large plastic file box filled with ready-to-use laminated Math Fact Fluency games and the materials needed to play each game with up to 6 students. Materials include dice, counters, playing cards, dry erase markers & wipes, and more.

Each participant will also receive a copy of the book Math Fact Fluency: 60+ Games and Assessment Tools to Support Learning and Retention by Jennifer Bay-Williams and Gina Kling.

COST: \$250 per participant

SCHEDULE:

1. Tuesday, July 23, 2024: 9:00 am - 4:00 pm Eastern
2. Wednesday, July 24, 2024: 9:00 am - 4:00 pm Eastern
3. Thursday, November 7, 2024: 8:30 am - 3:30 pm Eastern

PLEASE NOTE: Days 1 & 2 meet during the summer from 9 am - 4 pm; Day 3 - because it meets during the school year - will meet from 8:30 am - 3:30 pm. Participants are expected to attend all 3 days. Your school would be responsible for any sub needed for your classroom on November 7.

LOCATION: This cohort will meet in Pikeville, KY, which is in Eastern Kentucky.

Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full.

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November 7, 2024

Explorations in 4th & 5th Grade Fractions - Georgetown, KY - Cindy Aossey (2024-25)
This cohort will meet in Georgetown, KY. Exact location will be emailed to all registered participants
09:00 AM - 04:00 PM EST
Kentucky Center for Mathematics, 859-572-7690
kcm@nku.edu

Explorations in 4th & 5th Grade Fractions - Georgetown, KY - Cindy Aossey (2024-25)
If your students struggle to make sense of fractions, join KCM Director Cindy Aossey for this 3-day professional learning event that will change the way you think about - and teach - fractions and fractions operations! Too often fractions are considered scary or difficult; but, fractions are numbers! By helping students understand that fractions are numbers that expand our number system, we can help them connect their understanding of whole number operations to fraction operations.

During this 3-day course, teachers will:

- 1. Explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks that help students see fractions as numbers and understand fraction operations.*
- 2. Deepen their understanding of the Kentucky Academic Standards for Mathematics, particularly the grades 4 and 5 fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school.*
- 3. Receive ready-to-use materials and manipulatives, including Pattern blocks, Cuisenaire Rods, books and games.*

COST: \$300 per participant

SCHEDULE:

- 1. Thursday, November 7, 2024: 9:00 am - 4:00 pm Eastern*
- 2. Friday, November 8, 2024: 9:00 am - 4:00 pm Eastern*
- 3. Tuesday, January 28, 2025: 9:00 am - 4:00 pm Eastern*

PLEASE NOTE: All 3 days meet during the school year and participants are expected to attend all 3 days. Your school is responsible for any sub needed for your classroom on those days.

LOCATION: This cohort will meet in Georgetown, KY, which is in Scott County. Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Tuesday, October 1, 2024. Registration will close at 11:59 pm on 10/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

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4) IF YOU REGISTER FOR THIS COURSE AND THEN ARE UNABLE TO ATTEND FOR ANY REASON:

A) Please contact the KCM at 859-572-7690 or kcm@nku.edu as soon as possible.

B) Contact your employer and notify them that you are unable to attend. The KCM encourages your school, school district or organization to send someone to attend in your place as your registration fee will not be waived or refunded once materials have been ordered for you.

November 8, 2024

Explorations in 4th & 5th Grade Fractions - Georgetown, KY - Cindy Aossey (2024-25)
This cohort will meet in Georgetown, KY. Exact location will be emailed to all registered participants
09:00 AM - 04:00 PM EST
Kentucky Center for Mathematics, 859-572-7690
kcm@nku.edu

Explorations in 4th & 5th Grade Fractions - Georgetown, KY - Cindy Aossey (2024-25)
If your students struggle to make sense of fractions, join KCM Director Cindy Aossey for this 3-day professional learning event that will change the way you think about - and teach - fractions and fractions operations! Too often fractions are considered scary or difficult; but, fractions are numbers! By helping students understand that fractions are numbers that expand our number system, we can help them connect their understanding of whole number operations to fraction operations.

During this 3-day course, teachers will:

- 1. Explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks that help students see fractions as numbers and understand fraction operations.*
- 2. Deepen their understanding of the Kentucky Academic Standards for Mathematics, particularly the grades 4 and 5 fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school.*
- 3. Receive ready-to-use materials and manipulatives, including Pattern blocks, Cuisenaire Rods, books and games.*

COST: \$300 per participant

SCHEDULE:

- 1. Thursday, November 7, 2024: 9:00 am - 4:00 pm Eastern*
- 2. Friday, November 8, 2024: 9:00 am - 4:00 pm Eastern*
- 3. Tuesday, January 28, 2025: 9:00 am - 4:00 pm Eastern*

PLEASE NOTE: All 3 days meet during the school year and participants are expected to attend all 3 days. Your school is responsible for any sub needed for your classroom on those days.

LOCATION: This cohort will meet in Georgetown, KY, which is in Scott County. Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Tuesday, October 1, 2024. Registration will close at 11:59 pm on 10/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

- 1. DUE DATE: Your \$300 registration fee for this course should be paid by the course start date - November 7, 2024.*
- 2. YOUR INVOICE:*
 - A) KCM invoices are emailed to the registered participant only. The KCM does NOT mail invoices.*
 - B) KCM emails containing invoices almost always go to the recipient's spam or junk folders, so please check those folders after you register for a KCM event. Please move any KCM emails you find in your spam or junk folders to your inbox and add the KCM to your safe contact list.*
 - C) You must give a copy of your invoice to the person at your school, school district or organization responsible for paying it.*
 - D) Anyone who needs a copy of a KCM invoice can contact the KCM at 859-572-7690 or kcm@nku.edu to request one be emailed to them.*

E) Because participants may register during the 2023-24 fiscal school year, but this course meets during the 2024-25 fiscal school year, the KCM can change the date on any invoice if needed to be July 1, 2024. Please email the KCM at kcm@nku.edu or call us at 859-572-7690 if you need that change made.

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Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

This cohort will meet virtually via ZOOM. ZOOM link will be emailed to all registered participants

09:00 AM - 10:00 AM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

Imagine a school where parents are true partners in mathematical learning. Now learn how to make that vision a reality. This course will empower you to host an AMAZING Family Math Night at your Kentucky school. Course participants even get to choose from a KCM approved list of math manipulatives and order up to \$250 in materials to use at their Family Math Night. This professional learning event is available only to K-6 math educators who work in school or district in Kentucky.

*Families are critical partners in students' developing mathematical knowledge. Yet, so many parents, grandparents and guardians feel frustrated and overwhelmed when trying to help their child with math. For this course, the KCM utilizes the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*; this wonderful resource provides educators with guidance on how to communicate with families about their child's math learning. Each participant receives a copy of this book.*

During this course, participants will:

- 1. Meet for five 1-hour virtual sessions on select Fridays from 9-10 am ET between November 2024 through April 2025. Participants are expected to attend all 5 sessions. (If the registered participant is unable to attend a session for any reason, someone from their school must attend that session in their place)*
- 2. Explore research on family engagement and how to educate parents concerning math fluency and the Kentucky Academic Standards.*
- 3. Discuss family math resources and how to conduct a family math night event.*
- 4. Host one Family Math Night at their own school. This Family Math Night should be scheduled between January 10 and March 31, 2025. (Any requests to schedule the Family Math Night before January 10, 2025 or after March 31, 2025 should be approved with the facilitator Lisa Riggs.)*
- 5. Receive up to \$250 of manipulatives and activity resources for their family math night. Participants will choose the materials and resources they need from a list of approved options provided by the KCM. (Materials orders must be given to the KCM at least 6 weeks before the Family Math Night event - which means orders should be submitted between November 29, 2024 and February 17, 2025)*
- 6. Attend the final session on April 11, 2025 to share the results of the Family Math Night event they held at their school: how many families attended, what went well, what didn't go so well, what the students thought about the event, what parents had to say about the event, etc.*

*COST: \$50 per participant (covers the cost of the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*)*

Please note:

**If 2 educators from the same school want to attend the virtual sessions of this professional learning event and each receive their own copy of the book, each of them should register individually. However, the "up to \$250 in Family Math Night materials" order is one per school - not one per participant. Each will be invoiced \$50.*
** If 2 educators from the same school want to attend the virtual sessions (or trade off attending the virtual sessions) and wish to share a copy of the book, only 1 of them should register for this event. That person should then email the KCM at kcm@nku.edu with the name and email address of the other person from their school who will be attending.*

DATES:

All 5 virtual sessions meet on Friday mornings from 9:00 am - 10:00 am Eastern (which is 8:00 am - 9:00 Central)

1. November 8, 2024
2. December 6, 2024
3. January 10, 2025
4. February 7, 2025
5. April 11, 2025

LOCATION: This cohort will meet virtually via ZOOM. The Zoom meeting link will be emailed to all registered participants by Lisa Riggs (lriggs@murraystate.edu)

REGISTRATION CLOSE DATE = Tuesday, October 1, 2024. Registration will close at 11:59 pm on 10/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

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November 14, 2024

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey (2024-25)

This cohort will virtually via ZOOM on select Thursdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey & Dee Crescitelli (2024-2025)

This new online professional learning and support opportunity from the Kentucky Center for Mathematics is open to all K-12 Kentucky mathematics coaches. This group is for anyone working in Kentucky in a supportive role to teachers, which includes School Administrators. The KCM created this collegial support group so mathematics coaches throughout the Commonwealth could network and connect with each other. Together, this group will explore coaching resources and discuss ways to support teachers in their pedagogy and content knowledge grounded in Kentucky Academic Standards.

This 2024-25 Collegial Support Group for Kentucky Math Coaches includes the following:

- 1. Seven 1-hour monthly ZOOM meetings where participants can interact with fellow KY math coaches and learn from KCM Leaders including Directors Cindy Aossey and Dee Crescitelli, along with other special guest speakers.*
- 2. Opportunities to connect and collaborate with KY math coaches to share ideas and experiences.*
- 3. Active participants will receive at least 2 books selected by the KCM.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only, meet-and-greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math coaches. (You must work as a math coach or administrator in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select THURSDAYS September 2024 through March 2025

- 1. September 12, 2024*
- 2. October 17, 2024*
- 3. November 14, 2024*
- 4. December 12, 2024*
- 5. January 16, 2025*
- 6. February 13, 2025*
- 7. March 27, 2025*

Kentucky math coaches may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate.

Help us spread the word! Please share this professional learning event with any Kentucky math coaches you know.

The monthly ZOOM meeting link will be emailed to all registered KY math coaches and school administrators by KCM Directors Cindy Aossey or Dee Crescitelli. (cindy.aossey@outlook.com and crescited1@nku.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math coaches!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

November 20, 2024

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

This cohort will virtually via ZOOM on select Wednesdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

The KCM is proud to support Kentucky Math Interventionists! This online collegial learning and support opportunity is open to all Kentucky Kindergarten - 8th Grade math intervention teachers who want to grow as professionals and share their knowledge, successes and struggles with fellow math intervention teachers.

This 2024-25 Collegial Support Group for Kentucky Math Interventionists includes the following:

- 1. Seven one-hour monthly ZOOM meetings where participants can interact with fellow math interventionists and learn from KCM Regional Consultant Lisa Riggs and other special guest speakers.*
- 2. A monthly newsletter filled with teacher tips and intervention resources will be emailed to all registered Kentucky math interventionists.*
- 3. Active participants will receive KCM Math Teacher Support Kits filled with books and manipulatives to support their intervention work.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only meet and greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math interventionists. (You must work as a math interventionist in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select WEDNESDAYS September 2024 through April 2025

- 1. September 18, 2024*
- 2. October 16, 2024*
- 3. November 20, 2024*
- 4. January 15, 2025*
- 5. February 12, 2025*
- 6. March 26 2025*
- 7. April 23, 2025*

Kentucky math interventionists may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate. However, Math Teacher Support Kits will only be mailed to active participants.

Help us spread the word! Please share this professional learning event with any Kentucky math interventionists you know.

All registered participants will receive the monthly newsletter and the ZOOM meeting link via an email from KCM Regional Consultant Lisa Riggs (lriggs@murraystate.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math intervention teachers!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)

This cohort will meet in Georgetown, KY. Exact location will be emailed to all registered participants

09:00 AM - 04:00 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)

In this new professional learning event from the Kentucky Center for Mathematics (KCM), participants will examine what fluency is (and what it isn't) and explore how to teach and assess reasoning strategies critical for developing fluency. Fluency is much more than knowing facts and standard algorithms. Students in these transitional grades need to be able to use this knowledge for more advanced multiplicative and proportional reasoning. The facilitator of this event, KCM Director Dee Crescitelli, will teach participants how to enable their students to select efficient strategies and adapt as needed to persevere in problem solving. Participants will receive resources to support the teaching of fluency including Figuring Out Fluency in Mathematics Teaching and Learning by Jennifer Bay-Williams, a selection of companion books in the Figuring Out Fluency series, Cuisenaire Rods, and more! This professional learning event will meet for a total of 5 sessions: The first 3 sessions will meet in-person for full days, and the last 2 sessions will meet virtually via ZOOM for half-days. Participants are expected to attend all 5 sessions.

COST: \$200 per participant

EVENT SCHEDULE

Session 1 (Full Day, In-Person): Monday, July 22, 2024; 9:00 am - 4:00 pm Eastern

Session 2 (Full day, In-Person): Tuesday, July 23, 2024; 9:00 am - 4:00 pm Eastern

Session 3 (Full Day, In-Person): Wednesday, October 23, 2024; 9:00 am - 4:00 pm Eastern

Session 4 (Half Day, Virtual): Wednesday, December 4, 2024; 9:00 am - 12:00 pm Eastern

Session 5 (Half Day, Virtual): Wednesday, February 19, 2025; 9:00 am - 12:00 pm Eastern

LOCATION: This cohort will meet in Georgetown, KY (in Scott County) for the 3 in-person days. The 2 half-day virtual sessions will meet via ZOOM.

Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full.

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Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

This cohort will meet virtually via ZOOM. ZOOM link will be emailed to all registered participants

09:00 AM - 10:00 AM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

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*Families are critical partners in students' developing mathematical knowledge. Yet, so many parents, grandparents and guardians feel frustrated and overwhelmed when trying to help their child with math. For this course, the KCM utilizes the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*; this wonderful resource provides educators with guidance on how to communicate with families about their child's math learning. Each participant receives a copy of this book.*

During this course, participants will:

- 1. Meet for five 1-hour virtual sessions on select Fridays from 9-10 am ET between November 2024 through April 2025. Participants are expected to attend all 5 sessions. (If the registered participant is unable to attend a session for any reason, someone from their school must attend that session in their place)*
- 2. Explore research on family engagement and how to educate parents concerning math fluency and the Kentucky Academic Standards.*
- 3. Discuss family math resources and how to conduct a family math night event.*
- 4. Host one Family Math Night at their own school. This Family Math Night should be scheduled between January 10 and March 31, 2025. (Any requests to schedule the Family Math Night before January 10, 2025 or after March 31, 2025 should be approved with the facilitator Lisa Riggs.)*
- 5. Receive up to \$250 of manipulatives and activity resources for their family math night. Participants will choose the materials and resources they need from a list of approved options provided by the KCM. (Materials orders must be given to the KCM at least 6 weeks before the Family Math Night event - which means orders should be submitted between November 29, 2024 and February 17, 2025)*
- 6. Attend the final session on April 11, 2025 to share the results of the Family Math Night event they held at their school: how many families attended, what went well, what didn't go so well, what the students thought about the event, what parents had to say about the event, etc.*

*COST: \$50 per participant (covers the cost of the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*)*

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** If 2 educators from the same school want to attend the virtual sessions (or trade off attending the virtual sessions) and wish to share a copy of the book, only 1 of them should register for this event. That person should then email the KCM at kcm@nku.edu with the name and email address of the other person from their school who will be attending.*

DATES:

All 5 virtual sessions meet on Friday mornings from 9:00 am - 10:00 am Eastern (which is 8:00 am - 9:00 Central)

1. November 8, 2024
2. December 6, 2024
3. January 10, 2025
4. February 7, 2025
5. April 11, 2025

LOCATION: This cohort will meet virtually via ZOOM. The Zoom meeting link will be emailed to all registered participants by Lisa Riggs (lriggs@murraystate.edu)

REGISTRATION CLOSE DATE = Tuesday, October 1, 2024. Registration will close at 11:59 pm on 10/1/24 or when this cohort becomes full.

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December 12, 2024

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey (2024-25)

This cohort will virtually via ZOOM on select Thursdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey & Dee Crescitelli (2024-2025)

This new online professional learning and support opportunity from the Kentucky Center for Mathematics is open to all K-12 Kentucky mathematics coaches. This group is for anyone working in Kentucky in a supportive role to teachers, which includes School Administrators. The KCM created this collegial support group so mathematics coaches throughout the Commonwealth could network and connect with each other. Together, this group will explore coaching resources and discuss ways to support teachers in their pedagogy and content knowledge grounded in Kentucky Academic Standards.

This 2024-25 Collegial Support Group for Kentucky Math Coaches includes the following:

- 1. Seven 1-hour monthly ZOOM meetings where participants can interact with fellow KY math coaches and learn from KCM Leaders including Directors Cindy Aossey and Dee Crescitelli, along with other special guest speakers.*
- 2. Opportunities to connect and collaborate with KY math coaches to share ideas and experiences.*
- 3. Active participants will receive at least 2 books selected by the KCM.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only, meet-and-greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math coaches. (You must work as a math coach or administrator in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select THURSDAYS September 2024 through March 2025

- 1. September 12, 2024*
- 2. October 17, 2024*
- 3. November 14, 2024*
- 4. December 12, 2024*
- 5. January 16, 2025*
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Kentucky math coaches may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate.

Help us spread the word! Please share this professional learning event with any Kentucky math coaches you know.

The monthly ZOOM meeting link will be emailed to all registered KY math coaches and school administrators by KCM Directors Cindy Aossey or Dee Crescitelli. (cindy.aossey@outlook.com and crescited1@nku.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math coaches!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

January 10, 2025

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

This cohort will meet virtually via ZOOM. ZOOM link will be emailed to all registered participants

09:00 AM - 10:00 AM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

Imagine a school where parents are true partners in mathematical learning. Now learn how to make that vision a reality. This course will empower you to host an AMAZING Family Math Night at your Kentucky school. Course participants even get to choose from a KCM approved list of math manipulatives and order up to \$250 in materials to use at their Family Math Night. This professional learning event is available only to K-6 math educators who work in school or district in Kentucky.

*Families are critical partners in students' developing mathematical knowledge. Yet, so many parents, grandparents and guardians feel frustrated and overwhelmed when trying to help their child with math. For this course, the KCM utilizes the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*; this wonderful resource provides educators with guidance on how to communicate with families about their child's math learning. Each participant receives a copy of this book.*

During this course, participants will:

- 1. Meet for five 1-hour virtual sessions on select Fridays from 9-10 am ET between November 2024 through April 2025. Participants are expected to attend all 5 sessions. (If the registered participant is unable to attend a session for any reason, someone from their school must attend that session in their place)*
- 2. Explore research on family engagement and how to educate parents concerning math fluency and the Kentucky Academic Standards.*
- 3. Discuss family math resources and how to conduct a family math night event.*
- 4. Host one Family Math Night at their own school. This Family Math Night should be scheduled between January 10 and March 31, 2025. (Any requests to schedule the Family Math Night before January 10, 2025 or after March 31, 2025 should be approved with the facilitator Lisa Riggs.)*
- 5. Receive up to \$250 of manipulatives and activity resources for their family math night. Participants will choose the materials and resources they need from a list of approved options provided by the KCM. (Materials orders must be given to the KCM at least 6 weeks before the Family Math Night event - which means orders should be submitted between November 29, 2024 and February 17, 2025)*
- 6. Attend the final session on April 11, 2025 to share the results of the Family Math Night event they held at their school: how many families attended, what went well, what didn't go so well, what the students thought about the event, what parents had to say about the event, etc.*

*COST: \$50 per participant (covers the cost of the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*)*

Please note:

**If 2 educators from the same school want to attend the virtual sessions of this professional learning event and each receive their own copy of the book, each of them should register individually. However, the "up to \$250 in Family Math Night materials" order is one per school - not one per participant. Each will be invoiced \$50.*

** If 2 educators from the same school want to attend the virtual sessions (or trade off attending the virtual sessions) and wish to share a copy of the book, only 1 of them should register for this event. That person should then email the KCM at kcm@nku.edu with the name and email address of the other person from their school who will be attending.*

DATES:

All 5 virtual sessions meet on Friday mornings from 9:00 am - 10:00 am Eastern (which is 8:00 am - 9:00 Central)

1. November 8, 2024
2. December 6, 2024
3. January 10, 2025
4. February 7, 2025
5. April 11, 2025

LOCATION: This cohort will meet virtually via ZOOM. The Zoom meeting link will be emailed to all registered participants by Lisa Riggs (lriggs@murraystate.edu)

REGISTRATION CLOSE DATE = Tuesday, October 1, 2024. Registration will close at 11:59 pm on 10/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

1. **DUE DATE:** Your \$50 registration fee for this course should be paid by the course start date - November 8, 2024.

2. **YOUR INVOICE:**

A) KCM invoices are emailed to the registered participant only. The KCM does NOT mail invoices.

B) KCM emails containing invoices almost always go to the recipient's spam or junk folders, so please check those folders after you register for a KCM event. Please move any KCM emails you find in your spam or junk folders to your inbox and add the KCM to your safe contact list.

C) You must give a copy of your invoice to the person at your school, school district or organization responsible for paying it.

D) Anyone who needs a copy of a KCM invoice can contact the KCM at 859-572-7690 or kcm@nku.edu to request one be emailed to them.

E) Because participants may register during the 2023-24 fiscal school year, but this course meets during the 2024-25 fiscal school year, the KCM can change the date on any invoice if needed to be July 1, 2024. Please email the KCM at kcm@nku.edu or call us at 859-572-7690 if you need that change made.

3. **PURCHASE ORDER (PO):**

A) The KCM does not require educators to have a PO before registering for one of our events; however - many school districts require their teachers obtain a PO before registering. Also, some school districts will not pay an invoice that does not have a PO# on it.

B) If your school, school district or organization requires you to obtain a PO, please email a copy of that PO to kcm@nku.edu, or add the PO# to your registration at the time you register. The KCM is happy to add a PO# to any registration if you obtain one after you registered.

C) Please note that a Purchase Order does not pay an invoice. A PO shows that the purchase has been pre-approved. The registration fee is only paid once a check is received or the fee is paid online via credit card.

4) **IF YOU REGISTER FOR THIS COURSE AND THEN ARE UNABLE TO ATTEND FOR ANY REASON:**

A) Please contact the KCM at 859-572-7690 or kcm@nku.edu as soon as possible.

B) Contact your employer and notify them that you are unable to attend. The KCM encourages your school, school district or organization to send someone to attend in your place as your registration fee will not be waived or refunded once materials have been ordered for you.

January 14, 2025

Explorations in 3rd Grade Fractions - Lexington, KY - Lisa Riggs (2024-25)

This cohort will meet in Lexington, KY. Exact location will be emailed to all registered participants

09:00 AM - 04:00 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Explorations in 3rd Grade Fractions - Lexington, KY - Lisa Riggs (2024-25)

Grade 3 is a critical year in which students should develop strong conceptual foundations for understanding fractions. The KCM invites all math educators who work with 3rd grade math students to join us in one of our most popular and impactful courses.

During this 1-day, in-person professional learning event, facilitated by KCM Regional Consultant Lisa Riggs, participants will:

- 1. Explore hands-on activities and tasks aligned to the Kentucky Academic Standards for Mathematics designed to support students in developing conceptual understandings of fractions as numbers.*
- 2. Deepen their understanding of the third grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school.*
- 3. Receive prepared materials and manipulatives - including fraction squares, Cuisenaire rods and KCM designed activities.*

COST: \$100 per participant

DATE: Tuesday, January 14, 2025; 9:00 am - 4:00 pm Eastern

LOCATION: This cohort will meet in Lexington, KY, which is in Fayette County.

Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Sunday, December 1, 2024. Registration will close at 11:59 pm on 12/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

1. DUE DATE: Your \$100 registration fee for this course should be paid by the course start date - January 14, 2024.

2. YOUR INVOICE:

A) KCM invoices are emailed to the registered participant only. The KCM does NOT mail invoices.

B) KCM emails containing invoices almost always go to the recipient's spam or junk folders, so please check those folders after you register for a KCM event. Please move any KCM emails you find in your spam or junk folders to your inbox and add the KCM to your safe contact list.

C) You must give a copy of your invoice to the person at your school, school district or organization responsible for paying it.

D) Anyone who needs a copy of a KCM invoice can contact the KCM at 859-572-7690 or kcm@nku.edu to request one be emailed to them.

E) Because participants may register during the 2023-24 fiscal school year, but this course meets during the 2024-25 fiscal school year, the KCM can change the date on any invoice if needed to be July 1, 2024. Please email the KCM at kcm@nku.edu or call us at 859-572-7690 if you need that change made.

3. PURCHASE ORDER (PO):

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B) If your school, school district or organization requires you to obtain a PO, please email a copy of that PO to kcm@nku.edu, or add the PO# to your registration at the time you register. The KCM is happy to add a PO# to any registration if you obtain one after you registered.

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4) IF YOU REGISTER FOR THIS COURSE AND THEN ARE UNABLE TO ATTEND FOR ANY REASON:

A) Please contact the KCM at 859-572-7690 or kcm@nku.edu as soon as possible.

B) Contact your employer and notify them that you are unable to attend. The KCM encourages your school, school district or organization to send someone to attend in your place as your registration fee will not be waived or refunded once materials have been ordered for you.

January 15, 2025

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

This cohort will virtually via ZOOM on select Wednesdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

The KCM is proud to support Kentucky Math Interventionists! This online collegial learning and support opportunity is open to all Kentucky Kindergarten - 8th Grade math intervention teachers who want to grow as professionals and share their knowledge, successes and struggles with fellow math intervention teachers.

This 2024-25 Collegial Support Group for Kentucky Math Interventionists includes the following:

- 1. Seven one-hour monthly ZOOM meetings where participants can interact with fellow math interventionists and learn from KCM Regional Consultant Lisa Riggs and other special guest speakers.*
- 2. A monthly newsletter filled with teacher tips and intervention resources will be emailed to all registered Kentucky math interventionists.*
- 3. Active participants will receive KCM Math Teacher Support Kits filled with books and manipulatives to support their intervention work.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only meet and greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math interventionists. (You must work as a math interventionist in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select WEDNESDAYS September 2024 through April 2025

- 1. September 18, 2024*
- 2. October 16, 2024*
- 3. November 20, 2024*
- 4. January 15, 2025*
- 5. February 12, 2025*
- 6. March 26 2025*
- 7. April 23, 2025*

Kentucky math interventionists may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate. However, Math Teacher Support Kits will only be mailed to active participants.

Help us spread the word! Please share this professional learning event with any Kentucky math interventionists you know.

All registered participants will receive the monthly newsletter and the ZOOM meeting link via an email from KCM Regional Consultant Lisa Riggs (lriggs@murraystate.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math intervention teachers!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

January 16, 2025

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey (2024-25)

This cohort will virtually via ZOOM on select Thursdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey & Dee Crescitelli (2024-2025)

This new online professional learning and support opportunity from the Kentucky Center for Mathematics is open to all K-12 Kentucky mathematics coaches. This group is for anyone working in Kentucky in a supportive role to teachers, which includes School Administrators. The KCM created this collegial support group so mathematics coaches throughout the Commonwealth could network and connect with each other. Together, this group will explore coaching resources and discuss ways to support teachers in their pedagogy and content knowledge grounded in Kentucky Academic Standards.

This 2024-25 Collegial Support Group for Kentucky Math Coaches includes the following:

- 1. Seven 1-hour monthly ZOOM meetings where participants can interact with fellow KY math coaches and learn from KCM Leaders including Directors Cindy Aossey and Dee Crescitelli, along with other special guest speakers.*
- 2. Opportunities to connect and collaborate with KY math coaches to share ideas and experiences.*
- 3. Active participants will receive at least 2 books selected by the KCM.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only, meet-and-greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math coaches. (You must work as a math coach or administrator in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select THURSDAYS September 2024 through March 2025

- 1. September 12, 2024*
- 2. October 17, 2024*
- 3. November 14, 2024*
- 4. December 12, 2024*
- 5. January 16, 2025*
- 6. February 13, 2025*
- 7. March 27, 2025*

Kentucky math coaches may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate.

Help us spread the word! Please share this professional learning event with any Kentucky math coaches you know.

The monthly ZOOM meeting link will be emailed to all registered KY math coaches and school administrators by KCM Directors Cindy Aossey or Dee Crescitelli. (cindy.aossey@outlook.com and crescited1@nku.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math coaches!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

January 28, 2025

Explorations in 4th & 5th Grade Fractions - Georgetown, KY - Cindy Aossey (2024-25)
This cohort will meet in Georgetown, KY. Exact location will be emailed to all registered participants
09:00 AM - 04:00 PM EST
Kentucky Center for Mathematics, 859-572-7690
kcm@nku.edu

Explorations in 4th & 5th Grade Fractions - Georgetown, KY - Cindy Aossey (2024-25)
If your students struggle to make sense of fractions, join KCM Director Cindy Aossey for this 3-day professional learning event that will change the way you think about - and teach - fractions and fractions operations! Too often fractions are considered scary or difficult; but, fractions are numbers! By helping students understand that fractions are numbers that expand our number system, we can help them connect their understanding of whole number operations to fraction operations.

During this 3-day course, teachers will:

- 1. Explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks that help students see fractions as numbers and understand fraction operations.*
- 2. Deepen their understanding of the Kentucky Academic Standards for Mathematics, particularly the grades 4 and 5 fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school.*
- 3. Receive ready-to-use materials and manipulatives, including Pattern blocks, Cuisenaire Rods, books and games.*

COST: \$300 per participant

SCHEDULE:

- 1. Thursday, November 7, 2024: 9:00 am - 4:00 pm Eastern*
- 2. Friday, November 8, 2024: 9:00 am - 4:00 pm Eastern*
- 3. Tuesday, January 28, 2025: 9:00 am - 4:00 pm Eastern*

PLEASE NOTE: All 3 days meet during the school year and participants are expected to attend all 3 days. Your school is responsible for any sub needed for your classroom on those days.

LOCATION: This cohort will meet in Georgetown, KY, which is in Scott County. Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Tuesday, October 1, 2024. Registration will close at 11:59 pm on 10/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

1. DUE DATE: Your \$300 registration fee for this course should be paid by the course start date - November 7, 2024.

2. YOUR INVOICE:

A) KCM invoices are emailed to the registered participant only. The KCM does NOT mail invoices.

B) KCM emails containing invoices almost always go to the recipient's spam or junk folders, so please check those folders after you register for a KCM event. Please move any KCM emails you find in your spam or junk folders to your inbox and add the KCM to your safe contact list.

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D) Anyone who needs a copy of a KCM invoice can contact the KCM at 859-572-7690 or kcm@nku.edu to request one be emailed to them.

E) Because participants may register during the 2023-24 fiscal school year, but this course meets during the 2024-25 fiscal school year, the KCM can change the date on any invoice if needed to be July 1, 2024. Please email the KCM at kcm@nku.edu or call us at 859-572-7690 if you need that change made.

3. PURCHASE ORDER (PO):

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B) Contact your employer and notify them that you are unable to attend. The KCM encourages your school, school district or organization to send someone to attend in your place as your registration fee will not be waived or refunded once materials have been ordered for you.

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

This cohort will meet virtually via ZOOM. ZOOM link will be emailed to all registered participants

09:00 AM - 10:00 AM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

Imagine a school where parents are true partners in mathematical learning. Now learn how to make that vision a reality. This course will empower you to host an AMAZING Family Math Night at your Kentucky school. Course participants even get to choose from a KCM approved list of math manipulatives and order up to \$250 in materials to use at their Family Math Night. This professional learning event is available only to K-6 math educators who work in school or district in Kentucky.

*Families are critical partners in students' developing mathematical knowledge. Yet, so many parents, grandparents and guardians feel frustrated and overwhelmed when trying to help their child with math. For this course, the KCM utilizes the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*; this wonderful resource provides educators with guidance on how to communicate with families about their child's math learning. Each participant receives a copy of this book.*

During this course, participants will:

- 1. Meet for five 1-hour virtual sessions on select Fridays from 9-10 am ET between November 2024 through April 2025. Participants are expected to attend all 5 sessions. (If the registered participant is unable to attend a session for any reason, someone from their school must attend that session in their place)*
- 2. Explore research on family engagement and how to educate parents concerning math fluency and the Kentucky Academic Standards.*
- 3. Discuss family math resources and how to conduct a family math night event.*
- 4. Host one Family Math Night at their own school. This Family Math Night should be scheduled between January 10 and March 31, 2025. (Any requests to schedule the Family Math Night before January 10, 2025 or after March 31, 2025 should be approved with the facilitator Lisa Riggs.)*
- 5. Receive up to \$250 of manipulatives and activity resources for their family math night. Participants will choose the materials and resources they need from a list of approved options provided by the KCM. (Materials orders must be given to the KCM at least 6 weeks before the Family Math Night event - which means orders should be submitted between November 29, 2024 and February 17, 2025)*
- 6. Attend the final session on April 11, 2025 to share the results of the Family Math Night event they held at their school: how many families attended, what went well, what didn't go so well, what the students thought about the event, what parents had to say about the event, etc.*

*COST: \$50 per participant (covers the cost of the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*)*

Please note:

**If 2 educators from the same school want to attend the virtual sessions of this professional learning event and each receive their own copy of the book, each of them should register individually. However, the "up to \$250 in Family Math Night materials" order is one per school - not one per participant. Each will be invoiced \$50.*

** If 2 educators from the same school want to attend the virtual sessions (or trade off attending the virtual sessions) and wish to share a copy of the book, only 1 of them should register for this event. That person should then email the KCM at kcm@nku.edu with the name and email address of the other person from their school who will be attending.*

DATES:

All 5 virtual sessions meet on Friday mornings from 9:00 am - 10:00 am Eastern (which is 8:00 am - 9:00 Central)

1. November 8, 2024
2. December 6, 2024
3. January 10, 2025
4. February 7, 2025
5. April 11, 2025

LOCATION: This cohort will meet virtually via ZOOM. The Zoom meeting link will be emailed to all registered participants by Lisa Riggs (lriggs@murraystate.edu)

REGISTRATION CLOSE DATE = Tuesday, October 1, 2024. Registration will close at 11:59 pm on 10/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

1. **DUE DATE:** Your \$50 registration fee for this course should be paid by the course start date - November 8, 2024.

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February 12, 2025

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

This cohort will virtually via ZOOM on select Wednesdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

The KCM is proud to support Kentucky Math Interventionists! This online collegial learning and support opportunity is open to all Kentucky Kindergarten - 8th Grade math intervention teachers who want to grow as professionals and share their knowledge, successes and struggles with fellow math intervention teachers.

This 2024-25 Collegial Support Group for Kentucky Math Interventionists includes the following:

- 1. Seven one-hour monthly ZOOM meetings where participants can interact with fellow math interventionists and learn from KCM Regional Consultant Lisa Riggs and other special guest speakers.*
- 2. A monthly newsletter filled with teacher tips and intervention resources will be emailed to all registered Kentucky math interventionists.*
- 3. Active participants will receive KCM Math Teacher Support Kits filled with books and manipulatives to support their intervention work.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only meet and greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math interventionists. (You must work as a math interventionist in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select WEDNESDAYS September 2024 through April 2025

- 1. September 18, 2024*
- 2. October 16, 2024*
- 3. November 20, 2024*
- 4. January 15, 2025*
- 5. February 12, 2025*
- 6. March 26 2025*
- 7. April 23, 2025*

Kentucky math interventionists may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate. However, Math Teacher Support Kits will only be mailed to active participants.

Help us spread the word! Please share this professional learning event with any Kentucky math interventionists you know.

All registered participants will receive the monthly newsletter and the ZOOM meeting link via an email from KCM Regional Consultant Lisa Riggs (lriggs@murraystate.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math intervention teachers!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

February 13, 2025

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey (2024-25)

This cohort will virtually via ZOOM on select Thursdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey & Dee Crescitelli (2024-2025)

This new online professional learning and support opportunity from the Kentucky Center for Mathematics is open to all K-12 Kentucky mathematics coaches. This group is for anyone working in Kentucky in a supportive role to teachers, which includes School Administrators. The KCM created this collegial support group so mathematics coaches throughout the Commonwealth could network and connect with each other. Together, this group will explore coaching resources and discuss ways to support teachers in their pedagogy and content knowledge grounded in Kentucky Academic Standards.

This 2024-25 Collegial Support Group for Kentucky Math Coaches includes the following:

- 1. Seven 1-hour monthly ZOOM meetings where participants can interact with fellow KY math coaches and learn from KCM Leaders including Directors Cindy Aossey and Dee Crescitelli, along with other special guest speakers.*
- 2. Opportunities to connect and collaborate with KY math coaches to share ideas and experiences.*
- 3. Active participants will receive at least 2 books selected by the KCM.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only, meet-and-greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math coaches. (You must work as a math coach or administrator in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select THURSDAYS September 2024 through March 2025

- 1. September 12, 2024*
- 2. October 17, 2024*
- 3. November 14, 2024*
- 4. December 12, 2024*
- 5. January 16, 2025*
- 6. February 13, 2025*
- 7. March 27, 2025*

Kentucky math coaches may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate.

Help us spread the word! Please share this professional learning event with any Kentucky math coaches you know.

The monthly ZOOM meeting link will be emailed to all registered KY math coaches and school administrators by KCM Directors Cindy Aossey or Dee Crescitelli. (cindy.aossey@outlook.com and crescited1@nku.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math coaches!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)

This cohort will meet in Georgetown, KY. Exact location will be emailed to all registered participants

09:00 AM - 04:00 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)

In this new professional learning event from the Kentucky Center for Mathematics (KCM), participants will examine what fluency is (and what it isn't) and explore how to teach and assess reasoning strategies critical for developing fluency. Fluency is much more than knowing facts and standard algorithms. Students in these transitional grades need to be able to use this knowledge for more advanced multiplicative and proportional reasoning. The facilitator of this event, KCM Director Dee Crescitelli, will teach participants how to enable their students to select efficient strategies and adapt as needed to persevere in problem solving. Participants will receive resources to support the teaching of fluency including Figuring Out Fluency in Mathematics Teaching and Learning by Jennifer Bay-Williams, a selection of companion books in the Figuring Out Fluency series, Cuisenaire Rods, and more! This professional learning event will meet for a total of 5 sessions: The first 3 sessions will meet in-person for full days, and the last 2 sessions will meet virtually via ZOOM for half-days. Participants are expected to attend all 5 sessions.

COST: \$200 per participant

EVENT SCHEDULE

Session 1 (Full Day, In-Person): Monday, July 22, 2024; 9:00 am - 4:00 pm Eastern

Session 2 (Full day, In-Person): Tuesday, July 23, 2024; 9:00 am - 4:00 pm Eastern

Session 3 (Full Day, In-Person): Wednesday, October 23, 2024; 9:00 am - 4:00 pm Eastern

Session 4 (Half Day, Virtual): Wednesday, December 4, 2024; 9:00 am - 12:00 pm Eastern

Session 5 (Half Day, Virtual): Wednesday, February 19, 2025; 9:00 am - 12:00 pm Eastern

LOCATION: This cohort will meet in Georgetown, KY (in Scott County) for the 3 in-person days. The 2 half-day virtual sessions will meet via ZOOM.

Once the contract for the meeting space is finalized, the KCM will email all registered participants with the venue name and address.

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

1. DUE DATE: Your \$200 registration fee for this course should be paid by the course start date - July 22, 2024.

2. YOUR INVOICE:

A) KCM invoices are emailed to the registered participant only. The KCM does NOT mail invoices.

B) KCM emails containing invoices almost always go to the recipient's spam or junk folders, so please check those folders after you register for a KCM event. Please move any KCM emails you find in your spam or junk folders to your inbox and add the KCM to your safe contact list.

C) You must give a copy of your invoice to the person at your school, school district or organization responsible for paying it.

D) Anyone who needs a copy of a KCM invoice can contact the KCM at 859-572-7690

or kcm@nku.edu to request one be emailed to them.

E) Because participants may register during the 2023-24 fiscal school year, but this course meets during the 2024-25 fiscal school year, the KCM can change the date on any invoice if needed to be July 1, 2024. Please email the KCM at kcm@nku.edu or call us at 859-572-7690 if you need that change made.

3. PURCHASE ORDER (PO):

A) The KCM does not require educators to have a PO before registering for one of our events; however - many school districts require their teachers obtain a PO before registering. Also, some school districts will not pay an invoice that does not have a PO# on it.

B) If your school, school district or organization requires you to obtain a PO, please email a copy of that PO to kcm@nku.edu, or add the PO# to your registration at the time you register. The KCM is happy to add a PO# to any registration if you obtain one after you registered.

C) Please note that a Purchase Order does not pay an invoice. A PO shows that the purchase has been pre-approved. The registration fee is only paid once a check is received or the fee is paid online via credit card.

4) IF YOU REGISTER FOR THIS COURSE AND THEN ARE UNABLE TO ATTEND FOR ANY REASON:

A) Please contact the KCM at 859-572-7690 or kcm@nku.edu as soon as possible.

B) Contact your employer and notify them that you are unable to attend. The KCM encourages your school, school district or organization to send someone to attend in your place as your registration fee will not be waived or refunded once materials have been ordered for you.

March 26, 2025

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

This cohort will virtually via ZOOM on select Wednesdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

The KCM is proud to support Kentucky Math Interventionists! This online collegial learning and support opportunity is open to all Kentucky Kindergarten - 8th Grade math intervention teachers who want to grow as professionals and share their knowledge, successes and struggles with fellow math intervention teachers.

This 2024-25 Collegial Support Group for Kentucky Math Interventionists includes the following:

- 1. Seven one-hour monthly ZOOM meetings where participants can interact with fellow math interventionists and learn from KCM Regional Consultant Lisa Riggs and other special guest speakers.*
- 2. A monthly newsletter filled with teacher tips and intervention resources will be emailed to all registered Kentucky math interventionists.*
- 3. Active participants will receive KCM Math Teacher Support Kits filled with books and manipulatives to support their intervention work.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only meet and greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math interventionists. (You must work as a math interventionist in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select WEDNESDAYS September 2024 through April 2025

- 1. September 18, 2024*
- 2. October 16, 2024*
- 3. November 20, 2024*
- 4. January 15, 2025*
- 5. February 12, 2025*
- 6. March 26 2025*
- 7. April 23, 2025*

Kentucky math interventionists may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate. However, Math Teacher Support Kits will only be mailed to active participants.

Help us spread the word! Please share this professional learning event with any Kentucky math interventionists you know.

All registered participants will receive the monthly newsletter and the ZOOM meeting link via an email from KCM Regional Consultant Lisa Riggs (lriggs@murraystate.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

The KCM asks that participants in the monthly ZOOM meetings list their full name in the ZOOM meeting - or their first initial and last name - so the KCM can record attendance. Participants in the monthly ZOOM meetings will be emailed a KCM Attendance Certificate for each session they attend.

We hope you will take advantage of this wonderful professional learning opportunity designed specifically for Kentucky math intervention teachers!

The KCM can be reached at kcm@nku.edu or 859-572-7690.

March 27, 2025

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey (2024-25)

This cohort will virtually via ZOOM on select Thursdays

11:30 AM - 12:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

Kentucky Mathematics Coach Collegial Support - Virtual - Cindy Aossey & Dee Crescitelli (2024-2025)

This new online professional learning and support opportunity from the Kentucky Center for Mathematics is open to all K-12 Kentucky mathematics coaches. This group is for anyone working in Kentucky in a supportive role to teachers, which includes School Administrators. The KCM created this collegial support group so mathematics coaches throughout the Commonwealth could network and connect with each other. Together, this group will explore coaching resources and discuss ways to support teachers in their pedagogy and content knowledge grounded in Kentucky Academic Standards.

This 2024-25 Collegial Support Group for Kentucky Math Coaches includes the following:

- 1. Seven 1-hour monthly ZOOM meetings where participants can interact with fellow KY math coaches and learn from KCM Leaders including Directors Cindy Aossey and Dee Crescitelli, along with other special guest speakers.*
- 2. Opportunities to connect and collaborate with KY math coaches to share ideas and experiences.*
- 3. Active participants will receive at least 2 books selected by the KCM.*
- 4. Because virtual is great but in-person is better, the KCM will hold a special, invitation-only, meet-and-greet session for this group at the KCM Annual Math Conference in March 2025 (date and time TBD).*

COST: FREE for Kentucky math coaches. (You must work as a math coach or administrator in a KY school or school district to join this group.)

LOCATION: Virtual ZOOM meetings

TIME: 11:30 am - 12:30 pm Eastern (which is 10:30 am - 11:30 am Central)

DATES: 7 Select THURSDAYS September 2024 through March 2025

- 1. September 12, 2024*
- 2. October 17, 2024*
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Kentucky math coaches may register at any time. You do not need to be able to attend every virtual ZOOM meeting to register and participate.

Help us spread the word! Please share this professional learning event with any Kentucky math coaches you know.

The monthly ZOOM meeting link will be emailed to all registered KY math coaches and school administrators by KCM Directors Cindy Aossey or Dee Crescitelli. (cindy.aossey@outlook.com and crescited1@nku.edu) Those emails may go to your junk or spam folder so check there regularly after registering for this event.

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The KCM can be reached at kcm@nku.edu or 859-572-7690.

April 11, 2025

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

This cohort will meet virtually via ZOOM. ZOOM link will be emailed to all registered participants

09:00 AM - 10:00 AM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Family Math K-6: Empowering Parents as Partners - Lisa Riggs (2024-25)

Imagine a school where parents are true partners in mathematical learning. Now learn how to make that vision a reality. This course will empower you to host an AMAZING Family Math Night at your Kentucky school. Course participants even get to choose from a KCM approved list of math manipulatives and order up to \$250 in materials to use at their Family Math Night. This professional learning event is available only to K-6 math educators who work in school or district in Kentucky.

*Families are critical partners in students' developing mathematical knowledge. Yet, so many parents, grandparents and guardians feel frustrated and overwhelmed when trying to help their child with math. For this course, the KCM utilizes the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*; this wonderful resource provides educators with guidance on how to communicate with families about their child's math learning. Each participant receives a copy of this book.*

During this course, participants will:

- 1. Meet for five 1-hour virtual sessions on select Fridays from 9-10 am ET between November 2024 through April 2025. Participants are expected to attend all 5 sessions. (If the registered participant is unable to attend a session for any reason, someone from their school must attend that session in their place)*
- 2. Explore research on family engagement and how to educate parents concerning math fluency and the Kentucky Academic Standards.*
- 3. Discuss family math resources and how to conduct a family math night event.*
- 4. Host one Family Math Night at their own school. This Family Math Night should be scheduled between January 10 and March 31, 2025. (Any requests to schedule the Family Math Night before January 10, 2025 or after March 31, 2025 should be approved with the facilitator Lisa Riggs.)*
- 5. Receive up to \$250 of manipulatives and activity resources for their family math night. Participants will choose the materials and resources they need from a list of approved options provided by the KCM. (Materials orders must be given to the KCM at least 6 weeks before the Family Math Night event - which means orders should be submitted between November 29, 2024 and February 17, 2025)*
- 6. Attend the final session on April 11, 2025 to share the results of the Family Math Night event they held at their school: how many families attended, what went well, what didn't go so well, what the students thought about the event, what parents had to say about the event, etc.*

*COST: \$50 per participant (covers the cost of the book *Partnering With Parents in Elementary School Math: A Guide for Teachers and Leaders*)*

Please note:

**If 2 educators from the same school want to attend the virtual sessions of this professional learning event and each receive their own copy of the book, each of them should register individually. However, the "up to \$250 in Family Math Night materials" order is one per school - not one per participant. Each will be invoiced \$50.*
** If 2 educators from the same school want to attend the virtual sessions (or trade off attending the virtual sessions) and wish to share a copy of the book, only 1 of them should register for this event. That person should then email the KCM at kcm@nku.edu with the name and email address of the other person from their school who will be attending.*

DATES:

All 5 virtual sessions meet on Friday mornings from 9:00 am - 10:00 am Eastern (which is 8:00 am - 9:00 Central)

1. November 8, 2024
2. December 6, 2024
3. January 10, 2025
4. February 7, 2025
5. April 11, 2025

LOCATION: This cohort will meet virtually via ZOOM. The Zoom meeting link will be emailed to all registered participants by Lisa Riggs (lriggs@murraystate.edu)

REGISTRATION CLOSE DATE = Tuesday, October 1, 2024. Registration will close at 11:59 pm on 10/1/24 or when this cohort becomes full.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

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April 23, 2025

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Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

Kentucky Math Interventionist Collegial Support- VIRTUAL - Lisa Riggs (2024-25)

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