

Calendar of Events

October 8, 2024

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

KEDC LEXINGTON

118 James Court

Lexington, KY 40505

09:00 AM - 03:30 PM EST

Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for mathematics educators working with grades 1-5.

MATH FACT FLUENCY FOR GRADES 1-5 meets in person for 3 full-day sessions from 9 am - 3:30 pm Eastern.

Participants are expected to attend all 3 sessions. Here is this cohort's schedule:

- 1. Tuesday, October 8, 2024*
- 2. Wednesday, October 9, 2024*
- 3. Monday, October 28, 2024*

Please note: If you are unable to attend ANY of the 3 sessions due to an unforeseen emergency or illness, the KCM recommends that someone from your school attend that session in your place so that you do not miss the materials provided and the instruction covered during that session.

This cohort will meet at the KEDC LEXINGTON offices located at 118 James Court - Suite 60, Lexington, KY 40505.

Individual participants will not be invoiced; KEDC will pay the KCM directly for the cost of all the materials provided to participants.

Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Sumer Smith; that link will take them to the KCM registration and member database system.

KEDC CONTACTS:

Abby Laber - KEDC Coordinator - abby.laber@kedc.org; 606-928-0205

Morgan Erwin - KEDC Administrative Assistant - morgan.erwin@kedc.org; 606-929-2250

KCM CONTACTS:

kcm@nku.edu or 859-572-7690

Sumer Smith - sumer.smith@louisville.edu

The KCM is a legislated, state-funded, non-profit agency that provides professional learning events and materials for math educators. Our main office is located on the campus of Northern Kentucky University (NKU) in Highland Heights, Kentucky. Normal business hours are M-F 8:15 am - 4:30 pm Eastern. Please visit our website at www.kentuckymathematics.org; you will find many free resources for math educators there. Our largest professional learning event is our annual 2-day math conference which in 2025 will meet on Monday and Tuesday, March 3 & 4, in Lexington. The KCM is proud to serve the hard-working math educators in Kentucky. Please reach out if we can help you in any way with teaching math to your students.

October 9, 2024

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

KEDC LEXINGTON

118 James Court

Lexington, KY 40505

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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

9/10/24: The KCM does not want to turn away any Kentucky Math Interventionists who want to participate in this professional learning event, so we have increased the registration cap from 100 to 125. Anyone who signed up on the wait list prior to this change will automatically be registered by the KCM as a participant in this Collegial Support Group for KY Math Interventionists. If you have any questions, please call the kcm at 859-572-7690.

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.

October 17, 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!

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October 21, 2024

Explorations in 4th & 5th Grade Fractions - Georgetown, KY - Cindy Aossey (2024-25)
Holiday Inn Express - in the Avalon Room
140 Osborne Way
Georgetown, KY 40324
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:

NOTE: Days 1 & 2 of this course were originally scheduled for November 7 & 8, 2024 but were changed on Friday, 8/30/24, to October 21 & 22. The KCM apologizes for any inconvenience this causes anyone.

- 1. Monday, October 21, 2024: 9:00 am - 4:00 pm Eastern*
- 2. Tuesday, October 22, 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.

Venue: Holiday Inn Express - in the Avalon Room (140 Osborne Way, Georgetown, KY, 40324)

REGISTRATION CLOSE DATE = Friday, October 11, 2024. Registration will close at 11:59 pm on 10/11/24 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 - October 21, 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

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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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October 22, 2024

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

KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

09:00 AM - 03:30 PM EST

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- 1. Tuesday, October 22, 2024*
- 2. Wednesday, October 23, 2024*
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Please note: If you are unable to attend ANY of the 3 sessions due to an unforeseen emergency or illness, the KCM recommends that someone from your school attend that session in your place so that you do not miss the materials provided and the instruction covered during that session.

This cohort will meet at the KEDC Ashland offices located at 904 Rose Rd, Ashland, KY 41102.

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Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Sumer Smith; that link will take them to the KCM registration and member database system.

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October 23, 2024

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)
Hilton Garden Inn (in the Elkhorn Room)
110 Grandstand Dr
Georgetown, KY 40324
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.

VENUE: Hilton Garden Inn (in the Elkhorn Room), 110 Grandstand Dr, Georgetown, KY 40324

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full. 7/1/24: The KCM has extended the registration deadline for this event to Friday, July 12, or when the event meets its registration cap of 25 participants - whichever comes first.

IMPORTANT INFORMATION ABOUT YOUR REGISTRATION FEE

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Kentucky Center for Mathematics, 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for mathematics educators working with grades 1-5.

MATH FACT FLUENCY FOR GRADES 1-5 meets in person for 3 full-day sessions from 9 am - 3:30 pm Eastern.

Participants are expected to attend all 3 sessions. Here is this cohort's schedule:

- 1. Tuesday, October 8, 2024*
- 2. Wednesday, October 9, 2024*
- 3. Monday, October 28, 2024*

Please note: If you are unable to attend ANY of the 3 sessions due to an unforeseen emergency or illness, the KCM recommends that someone from your school attend that session in your place so that you do not miss the materials provided and the instruction covered during that session.

This cohort will meet at the KEDC LEXINGTON offices located at 118 James Court - Suite 60, Lexington, KY 40505.

Individual participants will not be invoiced; KEDC will pay the KCM directly for the cost of all the materials provided to participants.

Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Sumer Smith; that link will take them to the KCM registration and member database system.

KEDC CONTACTS:

Abby Laber - KEDC Coordinator - abby.laber@kcdc.org; 606-928-0205

Morgan Erwin - KEDC Administrative Assistant - morgan.erwin@kcdc.org; 606-929-2250

KCM CONTACTS:

kcm@nku.edu or 859-572-7690

Sumer Smith - sumer.smith@louisville.edu

The KCM is a legislated, state-funded, non-profit agency that provides professional learning events and materials for math educators. Our main office is located on the campus of Northern Kentucky University (NKU) in Highland Heights, Kentucky. Normal business hours are M-F 8:15 am - 4:30 pm Eastern. Please visit our website at www.kentuckymathematics.org; you will find many free resources for math educators there. Our largest professional learning event is our annual 2-day math conference which in 2025 will meet on Monday and Tuesday, March 3 & 4, in Lexington. The KCM is proud to serve the hard-working math educators in Kentucky. Please reach out if we can help you in any way with teaching math to your students.

November 1, 2024

KEDC ASHLAND - Foundations of Early Childhood Mathematics for PreK & Kindergarten - July

KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

08:30 AM - 11:30 AM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for Preschool and Kindergarten educators.

FOUNDATIONS FOR EARLY CHILDHOOD MATHEMATICS meets in person for 8 half-day sessions on select Friday mornings from 8:30 am - 11:30 am Eastern.

Participants are expected to attend all 8 sessions and will receive new materials at each session. Here is this cohort's schedule:

1. September 13, 2024
2. November 1, 2024
3. December 6, 2024
4. January 10, 2025
5. February 7, 2025
6. March 7, 2025
7. March 28, 2025
8. April 11, 2025

Please note: If you are unable to attend ANY of the 8 sessions due to an unforeseen emergency or illness, the KCM recommends that someone from your school attend that session in your place so that you do not miss the materials provided and the instruction covered during that session. If that is not possible, you will receive the materials and copies for that session at the next session. If you must withdraw from the course completely after it starts, please contact the KCM at 859-572-7690 or kcm@nku.edu if your school is unable to send a replacement.

This cohort will meet at the KEDC Ashland offices located at 904 Rose Rd, Ashland, KY 41102.

Individual participants will not be invoiced; KEDC will pay the KCM directly for the cost of all the materials provided to participants.

Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Julie Adams; that link will take them to the KCM registration and member database system.

KEDC CONTACTS:

Abby Laber - KEDC Coordinator - abby.laber@kedc.org; 606-928-0205

Morgan Erwin - KEDC Administrative Assistant - morgan.erwin@kedc.org;
606-929-2250

KCM CONTACTS:

kcm@nku.edu or 859-572-7690

Julie Adams - julie.adams@kedc.org

The KCM is a legislated, state-funded, non-profit agency that provides professional learning events and materials for math educators. Our main office is located on the campus of Northern Kentucky University (NKU) in Highland Heights, Kentucky. Normal business hours are M-F 8:15 am - 4:30 pm Eastern. Please visit our website at www.kentuckymathematics.org; you will find many free resources for math educators

there. Our largest professional learning event is our annual 2-day math conference which in 2025 will meet on Monday and Tuesday, March 3 & 4, in Lexington. The KCM is proud to serve the hard-working math educators in Kentucky. Please reach out if we can help you in any way with teaching math to your students.

November 7, 2024

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

Pike County Schools Board of Education Office

316 South Mayo Trail

Pikeville, KY 41501

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.

VENUE: Pike County Schools Board of Education Office, 316 South Mayo Trail, Pikeville, KY 41501

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full. 7/1/24: The KCM has extended the deadline to register for this event. Math Educators may now register through Friday, July 12, or until the registration cap of 30 participants is reached - whichever comes first.

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:**

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.*

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.

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

9/10/24: The KCM does not want to turn away any Kentucky Math Interventionists who want to participate in this professional learning event, so we have increased the registration cap from 100 to 125. Anyone who signed up on the wait list prior to this change will automatically be registered by the KCM as a participant in this Collegial Support Group for KY Math Interventionists. If you have any questions, please call the kcm at 859-572-7690.

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.

November 22, 2024

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

KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

09:00 AM - 03:30 PM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for mathematics educators working with grades 1-5.

MATH FACT FLUENCY FOR GRADES 1-5 meets in person for 3 full-day sessions from 9 am - 3:30 pm Eastern.

Participants are expected to attend all 3 sessions. Here is this cohort's schedule:

- 1. Tuesday, October 22, 2024*
- 2. Wednesday, October 23, 2024*
- 3. Friday, November 22, 2024*

Please note: If you are unable to attend ANY of the 3 sessions due to an unforeseen emergency or illness, the KCM recommends that someone from your school attend that session in your place so that you do not miss the materials provided and the instruction covered during that session.

This cohort will meet at the KEDC Ashland offices located at 904 Rose Rd, Ashland, KY 41102.

Individual participants will not be invoiced; KEDC will pay the KCM directly for the cost of all the materials provided to participants.

Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Sumer Smith; that link will take them to the KCM registration and member database system.

KEDC CONTACTS:

Abby Laber - KEDC Coordinator - abby.laber@kedc.org; 606-928-0205

Morgan Erwin - KEDC Administrative Assistant - morgan.erwin@kedc.org; 606-929-2250

KCM CONTACTS:

kcm@nku.edu or 859-572-7690

Sumer Smith - sumer.smith@louisville.edu

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December 4, 2024

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)
Hilton Garden Inn (in the Elkhorn Room)
110 Grandstand Dr
Georgetown, KY 40324
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.

VENUE: Hilton Garden Inn (in the Elkhorn Room), 110 Grandstand Dr, Georgetown, KY 40324

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full. 7/1/24: The KCM has extended the registration deadline for this event to Friday, July 12, or when the event meets its registration cap of 25 participants - whichever comes first.

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:

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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.

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.

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.

December 6, 2024

KEDC ASHLAND - Foundations of Early Childhood Mathematics for PreK & Kindergarten - July

KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

08:30 AM - 11:30 AM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for Preschool and Kindergarten educators.

FOUNDATIONS FOR EARLY CHILDHOOD MATHEMATICS meets in person for 8 half-day sessions on select Friday mornings from 8:30 am - 11:30 am Eastern.

Participants are expected to attend all 8 sessions and will receive new materials at each session. Here is this cohort's schedule:

- 1. September 13, 2024*
- 2. November 1, 2024*
- 3. December 6, 2024*
- 4. January 10, 2025*
- 5. February 7, 2025*
- 6. March 7, 2025*
- 7. March 28, 2025*
- 8. April 11, 2025*

Please note: If you are unable to attend ANY of the 8 sessions due to an unforeseen emergency or illness, the KCM recommends that someone from your school attend that session in your place so that you do not miss the materials provided and the instruction covered during that session. If that is not possible, you will receive the materials and copies for that session at the next session. If you must withdraw from the course completely after it starts, please contact the KCM at 859-572-7690 or kcm@nku.edu if your school is unable to send a replacement.

This cohort will meet at the KEDC Ashland offices located at 904 Rose Rd, Ashland, KY 41102.

Individual participants will not be invoiced; KEDC will pay the KCM directly for the cost of all the materials provided to participants.

Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Julie Adams; that link will take them to the KCM registration and member database system.

KEDC CONTACTS:

Abby Laber - KEDC Coordinator - abby.laber@kedc.org; 606-928-0205

Morgan Erwin - KEDC Administrative Assistant - morgan.erwin@kedc.org; 606-929-2250

KCM CONTACTS:

kcm@nku.edu or 859-572-7690

Julie Adams - julie.adams@kedc.org

The KCM is a legislated, state-funded, non-profit agency that provides professional learning events and materials for math educators. Our main office is located on the campus of Northern Kentucky University (NKU) in Highland Heights, Kentucky. Normal business hours are M-F 8:15 am - 4:30 pm Eastern. Please visit our website at www.kentuckymathematics.org; you will find many free resources for math educators

there. Our largest professional learning event is our annual 2-day math conference which in 2025 will meet on Monday and Tuesday, March 3 & 4, in Lexington. The KCM is proud to serve the hard-working math educators in Kentucky. Please reach out if we can help you in any way with teaching math to your students.

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*
- 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 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:**

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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.

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January 10, 2025

KEDC ASHLAND - Foundations of Early Childhood Mathematics for PreK & Kindergarten - July

KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

08:30 AM - 11:30 AM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for Preschool and Kindergarten educators.

FOUNDATIONS FOR EARLY CHILDHOOD MATHEMATICS meets in person for 8 half-day sessions on select Friday mornings from 8:30 am - 11:30 am Eastern.

Participants are expected to attend all 8 sessions and will receive new materials at each session. Here is this cohort's schedule:

- 1. September 13, 2024*
- 2. November 1, 2024*
- 3. December 6, 2024*
- 4. January 10, 2025*
- 5. February 7, 2025*
- 6. March 7, 2025*
- 7. March 28, 2025*
- 8. April 11, 2025*

Please note: If you are unable to attend ANY of the 8 sessions due to an unforeseen emergency or illness, the KCM recommends that someone from your school attend that session in your place so that you do not miss the materials provided and the instruction covered during that session. If that is not possible, you will receive the materials and copies for that session at the next session. If you must withdraw from the course completely after it starts, please contact the KCM at 859-572-7690 or kcm@nku.edu if your school is unable to send a replacement.

This cohort will meet at the KEDC Ashland offices located at 904 Rose Rd, Ashland, KY 41102.

Individual participants will not be invoiced; KEDC will pay the KCM directly for the cost of all the materials provided to participants.

Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Julie Adams; that link will take them to the KCM registration and member database system.

KEDC CONTACTS:

Abby Laber - KEDC Coordinator - abby.laber@kedc.org; 606-928-0205

Morgan Erwin - KEDC Administrative Assistant - morgan.erwin@kedc.org; 606-929-2250

KCM CONTACTS:

kcm@nku.edu or 859-572-7690

Julie Adams - julie.adams@kedc.org

The KCM is a legislated, state-funded, non-profit agency that provides professional learning events and materials for math educators. Our main office is located on the campus of Northern Kentucky University (NKU) in Highland Heights, Kentucky. Normal business hours are M-F 8:15 am - 4:30 pm Eastern. Please visit our website at www.kentuckymathematics.org; you will find many free resources for math educators

there. Our largest professional learning event is our annual 2-day math conference which in 2025 will meet on Monday and Tuesday, March 3 & 4, in Lexington. The KCM is proud to serve the hard-working math educators in Kentucky. Please reach out if we can help you in any way with teaching math to your students.

January 14, 2025

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

Spendthrift Room in the Marriott Griffin Gate Hotel

1800 Newtown Pike

Lexington, KY 40511

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.

VENUE: Spendthrift Room in the Marriott Griffin Gate Hotel, 1800 Newtown Pike, Lexington, KY 40511

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:

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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.

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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

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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

9/10/24: The KCM does not want to turn away any Kentucky Math Interventionists who want to participate in this professional learning event, so we have increased the registration cap from 100 to 125. Anyone who signed up on the wait list prior to this change will automatically be registered by the KCM as a participant in this Collegial Support Group for KY Math Interventionists. If you have any questions, please call the kcm at 859-572-7690.

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 cresciteld1@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)
Holiday Inn Express - in the Avalon Room
140 Osborne Way
Georgetown, KY 40324
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:

NOTE: Days 1 & 2 of this course were originally scheduled for November 7 & 8, 2024 but were changed on Friday, 8/30/24, to October 21 & 22. The KCM apologizes for any inconvenience this causes anyone.

- 1. Monday, October 21, 2024: 9:00 am - 4:00 pm Eastern*
- 2. Tuesday, October 22, 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.

Venue: Holiday Inn Express - in the Avalon Room (140 Osborne Way, Georgetown, KY, 40324)

REGISTRATION CLOSE DATE = Friday, October 11, 2024. Registration will close at 11:59 pm on 10/11/24 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 - October 21, 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.

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.

February 7, 2025

KEDC ASHLAND - Foundations of Early Childhood Mathematics for PreK & Kindergarten - July

KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

08:30 AM - 11:30 AM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for Preschool and Kindergarten educators.

FOUNDATIONS FOR EARLY CHILDHOOD MATHEMATICS meets in person for 8 half-day sessions on select Friday mornings from 8:30 am - 11:30 am Eastern.

Participants are expected to attend all 8 sessions and will receive new materials at each session. Here is this cohort's schedule:

1. September 13, 2024
2. November 1, 2024
3. December 6, 2024
4. January 10, 2025
5. February 7, 2025
6. March 7, 2025
7. March 28, 2025
8. April 11, 2025

Please note: If you are unable to attend ANY of the 8 sessions due to an unforeseen emergency or illness, the KCM recommends that someone from your school attend that session in your place so that you do not miss the materials provided and the instruction covered during that session. If that is not possible, you will receive the materials and copies for that session at the next session. If you must withdraw from the course completely after it starts, please contact the KCM at 859-572-7690 or kcm@nku.edu if your school is unable to send a replacement.

This cohort will meet at the KEDC Ashland offices located at 904 Rose Rd, Ashland, KY 41102.

Individual participants will not be invoiced; KEDC will pay the KCM directly for the cost of all the materials provided to participants.

Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Julie Adams; that link will take them to the KCM registration and member database system.

KEDC CONTACTS:

Abby Laber - KEDC Coordinator - abby.laber@kedc.org; 606-928-0205

Morgan Erwin - KEDC Administrative Assistant - morgan.erwin@kedc.org;
606-929-2250

KCM CONTACTS:

kcm@nku.edu or 859-572-7690

Julie Adams - julie.adams@kedc.org

The KCM is a legislated, state-funded, non-profit agency that provides professional learning events and materials for math educators. Our main office is located on the campus of Northern Kentucky University (NKU) in Highland Heights, Kentucky. Normal business hours are M-F 8:15 am - 4:30 pm Eastern. Please visit our website at www.kentuckymathematics.org; you will find many free resources for math educators

there. Our largest professional learning event is our annual 2-day math conference which in 2025 will meet on Monday and Tuesday, March 3 & 4, in Lexington. The KCM is proud to serve the hard-working math educators in Kentucky. Please reach out if we can help you in any way with teaching math to your students.

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

9/10/24: The KCM does not want to turn away any Kentucky Math Interventionists who want to participate in this professional learning event, so we have increased the registration cap from 100 to 125. Anyone who signed up on the wait list prior to this change will automatically be registered by the KCM as a participant in this Collegial Support Group for KY Math Interventionists. If you have any questions, please call the kcm at 859-572-7690.

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.

February 19, 2025

Figuring Out Fluency in Mathematics Grades 4 to 8 - Georgetown, KY -Dee Crescitelli (2024-25)
Hilton Garden Inn (in the Elkhorn Room)
110 Grandstand Dr
Georgetown, KY 40324
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.

VENUE: Hilton Garden Inn (in the Elkhorn Room), 110 Grandstand Dr, Georgetown, KY 40324

REGISTRATION CLOSE DATE = Monday, July 1, 2024. Registration will close at 11:59 pm on 7/1/24 or when this cohort becomes full. 7/1/24: The KCM has extended the registration deadline for this event to Friday, July 12, or when the event meets its registration cap of 25 participants - whichever comes first.

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

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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.

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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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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 3, 2025
- March 4, 2025

2025 KCM Conference - Lexington, KY (2-day, in-person event for math educators)
Marriott Griffin Gate
1800 Newtown Pike
Lexington, KY 40511
08:00 AM - 03:30 PM EST
Kentucky Center for Mathematics (KCM) , 859-572-7690
kcm@nku.edu

2025 KCM Conference: Monday and Tuesday, March 3 & 4 - Lexington, KY

Each year, the Kentucky Center for Mathematics (KCM) brings together math educators from Kentucky and across the United States for two days of wonderful professional learning. The KCM's annual math conference is one of the best conferences for math educators in the United States! Attendees learn from nationally recognized keynote speakers and choose from over 60 breakout sessions over the two days.

2025 KCM Conference Overview:

THEME: Counting on Each Other: Together We Add Up

LOCATION: Marriott Griffin Gate - 1800 Newtown Pike, Lexington, KY 40511

DATES: Monday and Tuesday, March 3 & 4, 2025

TIME: 8:00 am - 3:30 pm Eastern

COST :

\$200 per person EARLY BIRD REGISTRATION (Friday, September 13, 2024, through Friday, December 13, 2024 at 11:59 pm)

\$250 per person REGULAR REGISTRATION (Saturday, December 14, 2024, through Friday, February 14, 2025, at 11:59 pm)

LEAD SPEAKERS of Breakout Sessions receive a discounted registration fee of only \$100; CO-SPEAKERS of breakout sessions must register themselves at the Early Bird or Regular registration fee rate.

REGISTRATION CAP: 590 attendees. (Once 590 people register, registrations will close and a wait list will be added.)

KEYNOTE SPEAKERS: Jennifer Bay-Williams and John SanGiovanni

FOOD AND DRINK:

Coffee, tea and water stations will be available both days.

A hot buffet lunch will be provided to all registered attendees both days.

Breakfast will not be provided either day.

CHECK-IN TIMES:

All registered attendees must check in at the KCM Conference check-in table only once; If possible, please check-in Sunday night or early Monday morning before the Conference starts:

*Early Check-in will be available Sunday night, March 2, 2025, from 6:30 - 8:00 pm.
Monday morning check-in will start at 7:00 am.*

At check-in, attendees will receive their 2025 KCM Conference NAME BADGE which

they need to wear both days.

HOTEL RESERVATIONS: Your 2025 KCM Conference registration does not include hotel room reservations at the Griffin Gate. If you need a hotel room, you must make those hotel reservations yourself. The Griffin Gate will hold a large block of rooms at a discounted rate for 2025 KCM Conference attendees. When you contact the Griffin Gate to make hotel reservations for Sunday, March 2, 2025 and/or Monday, March 3, 2025 be sure to tell them you are attending the 2025 KCM Conference to get the discounted room rate. Please visit our KCM website and our 2025 KCM Conference page for more information and to make your hotel reservations online, or call the Griffin Gate at 1-877-204-8020.

REGISTRATION CONFIRMATION EMAIL:

Please note that anyone who successfully completes their registration for the 2025 KCM Conference will receive a registration confirmation email from kcm@nku.edu. This email - because it will have a copy of your invoice attached - often goes to the recipient's junk or spam folder. Please check your junk and spam folders regularly after you register for emails from the KCM about this event.

INFORMATION FOR ANYONE SUBMITTING A SPEAKER PROPOSAL TO BE A LEAD SPEAKER OF A BREAKOUT SESSION:

1. Speaker Proposals are due by Friday, November 15, 2024.
2. Applicants will be notified by Monday, December 2, 2024, whether their speaker proposal has been accepted or not.
3. The KCM encourages everyone who submits a speaker proposal to register themselves at the Early Bird rate - but to NOT pay that invoice. Your invoice will be due on January 16, 45 days after speaker selections are announced.
4. If your speaker proposal is accepted and you registered yourself at the Early Bird rate, the KCM will switch your registration to the \$100 discounted Lead Speaker rate and will send you an updated invoice.
5. If your speaker proposal is accepted and you are not yet registered, the KCM will register you at the \$100 discounted Lead Speaker rate.
4. Anyone whose speaker proposal is not accepted, and anyone who is the CO-SPEAKER for a breakout session, should register themselves at the Early Bird rate through December 13, 2024, or at the Regular rate from December 14, 2024, through February 14, 2025.

IMPORTANT INFORMATION REGARDING YOUR 2025 KCM CONFERENCE INVOICE:

1. The KCM emails a copy of the registration fee invoice to each registered person. It is that person's responsibility to forward a copy of their invoice on to whomever at their school/district/organization is responsible for paying it. The KCM does not mail any invoices.
2. Your 2025 KCM Conference invoice must be paid before the conference! Payment is due no later than 45 days after you register or by Friday, February 28, 2025 - whichever comes first. (Except those who submitted a Speaker Proposal: Their payment is due 45 days after speaker selections are announced on Dec 2 - which is January 16, 2025)
3. Some school districts require a purchase order number be on your invoice before they will pay it. If you register and then obtain a Purchase Order, please provide that PO# to the KCM via email or phone so we can add it to your registration and send an updated invoice to you or to the person at your school or district that needs it.

KCM REGISTRATION CANCELATION POLICY - LAST DAY TO CANCEL IS FRIDAY 2/14/2025:

1. If you register and then find that you will be unable to attend for any reason, you must contact the KCM at 859-572-7690 or kcm@nku.edu by Friday, 2/14/25 to request that the KCM void your registration and its registration fee.

2. Starting Monday, February 17, 2025, your registration fee cannot be voided, refunded or waived for any reason. This is 2 weeks before the event and when attendee counts are finalized. If you find you are unable to attend after that date, your school/school district or organization should send someone to attend in your place as your registration fee must still be paid - even if you do not attend.

ABOUT THE KENTUCKY CENTER FOR MATHEMATICS (KCM).

The KCM is a state-legislated, non-profit organization that provides professional learning events and materials for Kentucky math educators. The KCM's main offices are located on the campus of Northern Kentucky University (NKU) in Highland Heights, KY, and the KCM employs Directors, Faculty Associates, Regional Consultants and Math Mentors who live and work throughout the state. Our normal office hours are 8:15 am - 4:30 pm Eastern, Monday through Friday. The KCM is closed when NKU is closed. We can be reached at 859-572-7690 or kcm@nku.edu. We also utilize info@kentuckymathematics.org for emails to our members and registered participants.

March 7, 2025

KEDC ASHLAND - Foundations of Early Childhood Mathematics for PreK & Kindergarten - July

KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

08:30 AM - 11:30 AM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for Preschool and Kindergarten educators.

FOUNDATIONS FOR EARLY CHILDHOOD MATHEMATICS meets in person for 8 half-day sessions on select Friday mornings from 8:30 am - 11:30 am Eastern.

Participants are expected to attend all 8 sessions and will receive new materials at each session. Here is this cohort's schedule:

1. September 13, 2024
2. November 1, 2024
3. December 6, 2024
4. January 10, 2025
5. February 7, 2025
6. March 7, 2025
7. March 28, 2025
8. April 11, 2025

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This cohort will meet at the KEDC Ashland offices located at 904 Rose Rd, Ashland, KY 41102.

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Up to 30 participants will register through KEDC prior to this event, and then attendees will register themselves during the first session using a link provided by the KCM facilitator Julie Adams; that link will take them to the KCM registration and member database system.

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KCM CONTACTS:

kcm@nku.edu or 859-572-7690

Julie Adams - julie.adams@kedc.org

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there. Our largest professional learning event is our annual 2-day math conference which in 2025 will meet on Monday and Tuesday, March 3 & 4, in Lexington. The KCM is proud to serve the hard-working math educators in Kentucky. Please reach out if we can help you in any way with teaching math to your students.

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

9/10/24: The KCM does not want to turn away any Kentucky Math Interventionists who want to participate in this professional learning event, so we have increased the registration cap from 100 to 125. Anyone who signed up on the wait list prior to this change will automatically be registered by the KCM as a participant in this Collegial Support Group for KY Math Interventionists. If you have any questions, please call the kcm at 859-572-7690.

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*
- 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!

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March 28, 2025

KEDC ASHLAND - Foundations of Early Childhood Mathematics for PreK & Kindergarten - July

KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

08:30 AM - 11:30 AM EST

Kentucky Center for Mathematics , 859-572-7690

kcm@nku.edu

The Kentucky Center for Mathematics (KCM) has partnered with Kentucky Education Development Corporation (KEDC) to provide this professional learning event for Preschool and Kindergarten educators.

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Participants are expected to attend all 8 sessions and will receive new materials at each session. Here is this cohort's schedule:

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- 2. November 1, 2024*
- 3. December 6, 2024*
- 4. January 10, 2025*
- 5. February 7, 2025*
- 6. March 7, 2025*
- 7. March 28, 2025*
- 8. April 11, 2025*

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there. Our largest professional learning event is our annual 2-day math conference which in 2025 will meet on Monday and Tuesday, March 3 & 4, in Lexington. The KCM is proud to serve the hard-working math educators in Kentucky. Please reach out if we can help you in any way with teaching math to your students.

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

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.

April 11, 2025

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KEDC ASHLAND

904 Rose Rd

Ashland, KY 41102

08:30 AM - 11:30 AM EST

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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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