

Calendar of Events

August 4, 2020

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.

August 6, 2020

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

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All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

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August 6, 2020

**KCM Virtual: Book Study #3 - Developing Number Knowledge. Facilitator Cindy Aossey (2020)
Virtual ZOOM Meetings**

Zoom links will be emailed to all registered participants

02:00 PM - 03:00 PM EST

The Kentucky Center for Mathematics (KCM) is pleased to host our 3rd virtual book study.

The book for this book study will be Developing Number Knowledge by Robert Wright, David Ellemor-Collins and Pamela Tabor.

"Drawing on extensive programs of research, curriculum development, and teacher development, the book offers a coherent, up-to-date approach emphasizing computational fluency and the progressive development of students' mathematical sophistication. The book is organized in key domains of number instruction, including structuring numbers 1 to 20, knowledge of number words and numerals, conceptual place value, mental computation, written computation methods, fractions, and early algebraic reasoning."

The facilitator for this book study is Regional Consultant Cindy Aossey. This book study will meet online via ZOOM on Thursdays at 2 p.m. Eastern Time (1 p.m. Central Time).

**The ZOOM links will be emailed to all registered participants.*

See below for our reading schedule and come ready to participate in some great mathematical discourse:

July 16, 2020: Introduction - Chapter 2

July 23, 2020: Chapters 3-4

July 30, 2020: Chapters 5-6

August 6, 2020: Chapters 7-9

There is no cost to participate in this book study, however, participants should own a copy of Developing Number Knowledge or purchase a copy for themselves.

We ask that everyone wishing to participate in this book study register for this event so that the KCM can send handouts ahead of each session. After your registration is complete, you will receive a registration confirmation email from kcm@nku.edu. If you don't see it in your inbox, please check your junk/clutter. We ask that if you are a math teacher in the state of Kentucky that you use your school work email address to register.

The Kentucky Center for Mathematics at Northern Kentucky University looks forward to connecting with you to discuss this wonderful math education resource.

August 11, 2020

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

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cresciteld1@nku.edu

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Session 3: Monday, February 15

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Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

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August 13, 2020

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

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Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

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Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

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Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

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August 20, 2020

AVMR1 for JCPS - Tonda Thompson (2020)

VIRTUAL ZOOM MEETINGS

July 21&22 will meet from 9-11 am EST; all other sessions will meet from 4-6 pm

This event is for Jefferson County Public Schools for AVMR1 training provided in 2020.

Sessions will be held via ZOOM MEETINGS.

The facilitator for this training is KCM Regional Consultant Tonda Thompson.

SCHEDULE:

Tuesday & Wednesday, July 21 & 22: 9-11 am EASTERN TIME

Monday & Tuesday, July 27 & 28: 4-6 pm EASTERN TIME

Thursday, August 20: 4-6 pm EASTERN TIME

Thursday, August 27: 4-6 pm EASTERN TIME

Monday, September 14: 4-6 pm EASTERN TIME

Monday, September 21: 4-6 pm EASTERN TIME

August 25, 2020
- August 26, 2020

Comprehensive Course for Primary Grades K-2: Madison County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all session in 2020; possible in-person sessions in 2021 in Madison County
Jun-Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN
KCM,
kcm@nku.edu

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, June 29 - Thursday, July 2, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, August 25 - Wednesday, August 26, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 20 - Wednesday, October 21, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 10 - Wednesday, November 11, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 1 - Wednesday, December 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 12 and Wednesday January 13, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 12 OR Wednesday January 13, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

August 27, 2020

AVMR1 for JCPS - Tonda Thompson (2020)

VIRTUAL ZOOM MEETINGS

July 21&22 will meet from 9-11 am EST; all other sessions will meet from 4-6 pm

This event is for Jefferson County Public Schools for AVMR1 training provided in 2020.

Sessions will be held via ZOOM MEETINGS.

The facilitator for this training is KCM Regional Consultant Tonda Thompson.

SCHEDULE:

Tuesday & Wednesday, July 21 & 22: 9-11 am EASTERN TIME

Monday & Tuesday, July 27 & 28: 4-6 pm EASTERN TIME

Thursday, August 20: 4-6 pm EASTERN TIME

Thursday, August 27: 4-6 pm EASTERN TIME

Monday, September 14: 4-6 pm EASTERN TIME

Monday, September 21: 4-6 pm EASTERN TIME

August 31, 2020
- September 1, 2020

Comprehensive Course for Primary Grades K-2: Hardin County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Monday, August 31 - Tuesday, September 1, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Monday, October 19 - Tuesday, October 20, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Monday, November 9 - Tuesday, November 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Monday, December 7 - Tuesday, December 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, January 11 and Tuesday January 12, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, January 11 OR Tuesday January 12, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 8 and Tuesday, February 9, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 8 OR Tuesday, February 9, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

September 1, 2020
- September 2, 2020

Comprehensive Course for Primary Grades K-2: Pulaski County, KY - Tonda Thompson (2020 VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Pulaski County)

July: 10-1; Sep-Nov: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Tuesday, July 7- Friday, July 10, 2020

10 am - 1pm EASTERN TIME (which is 9 am - noon CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, November 4 - Thursday, November 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday, January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday, January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 22 and Tuesday February 23, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 22 OR Tuesday February 23, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, March 2 and Wednesday, March 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, March 2 OR Wednesday, March 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

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**Once materials are ordered and shipped, the registration fee is non-refundable.*

September 1, 2020
- September 2, 2020

Comprehensive Course for Primary Grades K-2: Muhlenberg County, KY - Bonny Davenport (VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Muhlenberg C

Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. CENTRAL

Course Description:

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COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon CENTRAL TIME (which is 10 am - 1 pm EASTERN TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 26 and Wednesday January 27, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, January 26 OR Wednesday January 27, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 23 and Wednesday, February 24, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

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September 1, 2020
- September 2, 2020

Comprehensive Course for Primary Grades K-2: Fayette County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Fayette County
Sept-Dec 2020: 12-3 pm; Jan-Feb 2021: 9-4 in person or 12-3 virtual. EASTERN
THIS COHORT IS FULL. WE ARE NOT TAKING ANY MORE REGISTRATIONS FOR THIS COHORT NOR ARE WE STARTING A WAITLIST AT THIS TIME. PLEASE SELECT ANOTHER COHORT.

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This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

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COST:

\$800 per person

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Tuesday, September 8 - Wednesday, September 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, October 13 - Wednesday, October 14, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 16 and Wednesday, February 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is July 17, 2020.*

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September 2, 2020
- September 3, 2020

Comprehensive Course for Primary Grades K-2: Scott County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Scott County,
Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

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COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 27 - Thursday, July 30 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday, September 2 - Thursday, September 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, October 21 - Thursday, October 22, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Wednesday, November 11 - Thursday, November 12, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Wednesday, December 9 - Thursday, December 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Wednesday, January 13 and Thursday, January 14, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, January 13 OR Thursday, January 14, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Wednesday, February 10 and Thursday, February 11, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, February 10 OR Thursday, February 11, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 19, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

September 2, 2020
- September 3, 2020

Explorations in Number Talks & Routines GRADES 4 & 5: Hardin County, KY - Leah Dix White
VIRTUAL ZOOM MEETINGS

12:00 PM - 03:00 PM EST

Description: This course provides an opportunity for classroom teachers of students in Grades 4 & 5 to learn strategies and acquire tools to advance students' mathematical reasoning. Aligned to research-based teaching practices and KAS, topics will include addition, subtraction, multiplication, division and place value; the use of instructional routines including number talks; and the use of manipulatives, visual models and number lines. Participants will receive books, activities and instructional materials including a classroom number line. Participants will be expected to attend all 3 days of the course.

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 3-day PLE has been broken down into two half-day sessions.

Cost: \$300/participant

Duration: 3 Days (6 half day virtual sessions.)

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday - Thursday, September 2 -3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Days 2: (2 half-day virtual sessions)

Wednesday - Thursday, September 9 - 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday - Thursday, October 7 - 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

** Registration cutoff date = July 17, 2020*

** All materials will be shipped directly to the participant's home. Please ensure that a valid home mailing address is entered when completing a registration.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

September 8, 2020
- September 9, 2020

Explorations in Number Talks & Routines GRADE 3: Madison County, KY - Cindy Aossey (2020)
VIRTUAL ZOOM MEETING

12:00 PM - 03:00 PM EST

Description: This course provides an opportunity for classroom teachers of students in Grade 3 to learn strategies and acquire tools to advance students' mathematical reasoning. Aligned to research-based teaching practices and KAS, topics will include addition, subtraction and place value; the use of instructional routines including number talks; and the use of manipulatives, visual models and number lines. Participants will receive books, activities and instructional materials including a classroom number line. Participants will be expected to attend all 3 days of the course.

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 3-day PLE has been broken down into two half-day sessions.

Cost: \$300 per participant

Duration: 3 Days (6 half-day virtual sessions.)

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Tuesday - Friday, July 7 - 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday - Wednesday, September 8 - 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

**Registration cutoff date = June 12, 2020*

**All Materials will be shipped directly to the participant's home. Please ensure that a home mailing address is entered when completing a registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

September 8, 2020
- September 9, 2020

Comprehensive Course for Primary Grades K-2: Fayette County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Fayette County
Sept-Dec 2020: 12-3 pm; Jan-Feb 2021: 9-4 in person or 12-3 virtual. EASTERN
THIS COHORT IS FULL. WE ARE NOT TAKING ANY MORE REGISTRATIONS FOR THIS COHORT NOR ARE WE STARTING A WAITLIST AT THIS TIME. PLEASE SELECT ANOTHER COHORT.

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Tuesday, September 8 - Wednesday, September 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, October 13 - Wednesday, October 14, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 16 and Wednesday, February 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is July 17, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

September 9, 2020
- September 10, 2020

Explorations in Number Talks & Routines GRADES 4 & 5: Hardin County, KY - Leah Dix White
VIRTUAL ZOOM MEETINGS

12:00 PM - 03:00 PM EST

Description: This course provides an opportunity for classroom teachers of students in Grades 4 & 5 to learn strategies and acquire tools to advance students' mathematical reasoning. Aligned to research-based teaching practices and KAS, topics will include addition, subtraction, multiplication, division and place value; the use of instructional routines including number talks; and the use of manipulatives, visual models and number lines. Participants will receive books, activities and instructional materials including a classroom number line. Participants will be expected to attend all 3 days of the course.

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 3-day PLE has been broken down into two half-day sessions.

Cost: \$300/participant

Duration: 3 Days (6 half day virtual sessions.)

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday - Thursday, September 2 -3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Days 2: (2 half-day virtual sessions)

Wednesday - Thursday, September 9 - 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday - Thursday, October 7 - 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

** Registration cutoff date = July 17, 2020*

** All materials will be shipped directly to the participant's home. Please ensure that a valid home mailing address is entered when completing a registration.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

September 14, 2020

AVMR1 for JCPS - Tonda Thompson (2020)

VIRTUAL ZOOM MEETINGS

July 21&22 will meet from 9-11 am EST; all other sessions will meet from 4-6 pm

This event is for Jefferson County Public Schools for AVMR1 training provided in 2020.

Sessions will be held via ZOOM MEETINGS.

The facilitator for this training is KCM Regional Consultant Tonda Thompson.

SCHEDULE:

Tuesday & Wednesday, July 21 & 22: 9-11 am EASTERN TIME

Monday & Tuesday, July 27 & 28: 4-6 pm EASTERN TIME

Thursday, August 20: 4-6 pm EASTERN TIME

Thursday, August 27: 4-6 pm EASTERN TIME

Monday, September 14: 4-6 pm EASTERN TIME

Monday, September 21: 4-6 pm EASTERN TIME

September 15, 2020
- September 16, 2020

Explorations in Number Talks & Routines GRADES 4 & 5: Fayette County, KY - Cindy Aossey
VIRTUAL ZOOM MEETINGS

Days 1 & 2 will meet from 9 am - noon; Day 3 will meet from noon - 3 pm. EST

Description: This course provides an opportunity for classroom teachers of students in Grades 4 & 5 to learn strategies and acquire tools to advance students' mathematical reasoning. Aligned to research-based teaching practices and KAS, topics will include addition, subtraction, multiplication, division and place value; the use of instructional routines including number talks; and the use of manipulatives, visual models and number lines. Participants will receive books, activities and instructional materials including a classroom number line. Participants will be expected to attend all 3 days of the course.

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 3-day PLE has been broken down into two half-day sessions.

Cost: \$300/participant

Duration: 3 Days (6 half day virtual sessions.)

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday - Thursday, June 29 - July 2, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday - Wednesday, September 15 - 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

**Registration cutoff date = June 12, 2020*

**All materials will be shipped directly to the participant's home. Please ensure that a valid home mailing address is entered when completing a registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

September 21, 2020

AVMR1 for JCPS - Tonda Thompson (2020)

VIRTUAL ZOOM MEETINGS

July 21&22 will meet from 9-11 am EST; all other sessions will meet from 4-6 pm

This event is for Jefferson County Public Schools for AVMR1 training provided in 2020.

Sessions will be held via ZOOM MEETINGS.

The facilitator for this training is KCM Regional Consultant Tonda Thompson.

SCHEDULE:

Tuesday & Wednesday, July 21 & 22: 9-11 am EASTERN TIME

Monday & Tuesday, July 27 & 28: 4-6 pm EASTERN TIME

Thursday, August 20: 4-6 pm EASTERN TIME

Thursday, August 27: 4-6 pm EASTERN TIME

Monday, September 14: 4-6 pm EASTERN TIME

Monday, September 21: 4-6 pm EASTERN TIME

September 22, 2020
- September 23, 2020

Explorations in Number Talks & Routines GRADE 3: Muhlenberg County, KY - Bonny Davenport
VIRTUAL ZOOM MEETINGS

Days 1 & 2 will meet from 9 am - noon; Day 3 will meet from noon - 3 pm. *CENTRAL Description: This course provides an opportunity for classroom teachers of students in Grade 3 to learn strategies and acquire tools to advance students' mathematical reasoning. Aligned to research-based teaching practices and KAS, topics will include addition, subtraction and place value; the use of instructional routines including number talks; and the use of manipulatives, visual models and number lines. Participants will receive books, activities and instructional materials including a classroom number line. Participants will be expected to attend all 3 days of the course.*

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 3-day PLE has been broken down into two half-day sessions.

Cost: \$300 per participant

Duration: 3 Days (6 half day virtual sessions.)

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday - Thursday, July 13 - 16, 2020

9 am - Noon CENTRAL TIME (which is 10 am - 1 pm EASTERN TIME)

Day 3: (2 half-day virtual sessions)

Tuesday - Wednesday, September 22 - 23, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

**Registration cutoff date = June 12, 2020*

** All materials will be shipped directly to the participant's home. Please ensure that a home mailing address is entered when completing a registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

September 22, 2020
- September 23, 2020

Explorations in Number Talks & Routines GRADES 4 & 5: Pulaski County, KY - Dee Crescitelli
VIRTUAL ZOOM MEETING

Days 1 & 2 will meet from 9 am - noon; Day 3 will meet from noon - 3 pm. EST

Description: This course provides an opportunity for classroom teachers of students in Grades 4 & 5 to learn strategies and acquire tools to advance students' mathematical reasoning. Aligned to research-based teaching practices and KAS, topics will include addition, subtraction, multiplication, division and place value; the use of instructional routines including number talks; and the use of manipulatives, visual models and number lines. Participants will receive books, activities and instructional materials including a classroom number line. Participants will be expected to attend all 3 days of the course.

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 3-day PLE has been broken down into two half-day sessions.

Cost: \$300/participant

Duration: 3 Days (6 half day virtual sessions.)

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Tuesday - Friday, July 7 - 10, 2020

9 am - noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday - Wednesday, September 22 - 23, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

** Registration cutoff date = June 12, 2020*

** All materials will be shipped directly to the participant's home. Please ensure that a valid home mailing address is entered when completing a registration.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

October 6, 2020

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.

October 7, 2020
- October 8, 2020

Explorations in Number Talks & Routines GRADES 4 & 5: Hardin County, KY - Leah Dix White
VIRTUAL ZOOM MEETINGS

12:00 PM - 03:00 PM EST

Description: This course provides an opportunity for classroom teachers of students in Grades 4 & 5 to learn strategies and acquire tools to advance students' mathematical reasoning. Aligned to research-based teaching practices and KAS, topics will include addition, subtraction, multiplication, division and place value; the use of instructional routines including number talks; and the use of manipulatives, visual models and number lines. Participants will receive books, activities and instructional materials including a classroom number line. Participants will be expected to attend all 3 days of the course.

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 3-day PLE has been broken down into two half-day sessions.

Cost: \$300/participant

Duration: 3 Days (6 half day virtual sessions.)

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday - Thursday, September 2 -3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Days 2: (2 half-day virtual sessions)

Wednesday - Thursday, September 9 - 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday - Thursday, October 7 - 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

** Registration cutoff date = July 17, 2020*

** All materials will be shipped directly to the participant's home. Please ensure that a valid home mailing address is entered when completing a registration.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

October 8, 2020

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.

October 13, 2020
- October 14, 2020

Comprehensive Course for Primary Grades K-2: Fayette County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Fayette County
Sept-Dec 2020: 12-3 pm; Jan-Feb 2021: 9-4 in person or 12-3 virtual. EASTERN
THIS COHORT IS FULL. WE ARE NOT TAKING ANY MORE REGISTRATIONS FOR THIS COHORT NOR ARE WE STARTING A WAITLIST AT THIS TIME. PLEASE SELECT ANOTHER COHORT.

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Tuesday, September 8 - Wednesday, September 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, October 13 - Wednesday, October 14, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 16 and Wednesday, February 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is July 17, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

October 19, 2020
- October 20, 2020

Comprehensive Course for Primary Grades K-2: Hardin County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Monday, August 31 - Tuesday, September 1, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Monday, October 19 - Tuesday, October 20, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Monday, November 9 - Tuesday, November 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Monday, December 7 - Tuesday, December 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, January 11 and Tuesday January 12, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, January 11 OR Tuesday January 12, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 8 and Tuesday, February 9, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 8 OR Tuesday, February 9, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

October 20, 2020
- October 21, 2020

Comprehensive Course for Primary Grades K-2: Madison County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all session in 2020; possible in-person sessions in 2021 in Madison County
Jun-Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN
KCM,
kcm@nku.edu

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, June 29 - Thursday, July 2, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, August 25 - Wednesday, August 26, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 20 - Wednesday, October 21, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 10 - Wednesday, November 11, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 1 - Wednesday, December 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 12 and Wednesday January 13, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 12 OR Wednesday January 13, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

October 21, 2020
- October 22, 2020

Comprehensive Course for Primary Grades K-2: Scott County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Scott County,
Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 27 - Thursday, July 30 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday, September 2 - Thursday, September 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, October 21 - Thursday, October 22, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Wednesday, November 11 - Thursday, November 12, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Wednesday, December 9 - Thursday, December 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Wednesday, January 13 and Thursday, January 14, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, January 13 OR Thursday, January 14, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Wednesday, February 10 and Thursday, February 11, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, February 10 OR Thursday, February 11, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 19, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

October 22, 2020
- October 23, 2020

Explorations in 3rd Grade Multiplication and Division: Madison County - Cindy Aossey (2020)

VIRTUAL ZOOM MEETINGS

12:00 PM - 03:00 PM EST

Description: The first critical area of focus for third grade is developing understanding of and strategies for multiplication and division within 100. During this session, teachers will explore contexts and tasks designed to support students in their journey toward multiplicative fluency within 100. Participants will receive prepared activities and several books from the series Contexts for Learning: Level 2 (Investigating Multiplication and Division).

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 2-day PLE has been broken down into two half-day sessions.

Cost: \$200/participant

Duration: 2 days

Days 1: (2 half-day virtual sessions)

Thursday & Friday, October 22-23, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Thursday & Friday, November 12-13, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Registration cutoff date = 8/1/20

All materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.

Once materials are ordered and shipped, the registration fee is non-refundable.

October 27, 2020
- October 28, 2020

Comprehensive Course for Primary Grades K-2: Muhlenberg County, KY - Bonny Davenport (VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Muhlenberg C

Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. CENTRAL

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon CENTRAL TIME (which is 10 am - 1 pm EASTERN TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 26 and Wednesday January 27, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, January 26 OR Wednesday January 27, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 23 and Wednesday, February 24, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

October 27, 2020
- October 28, 2020

Comprehensive Course for Primary Grades K-2: Fayette County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Fayette County
Sept-Dec 2020: 12-3 pm; Jan-Feb 2021: 9-4 in person or 12-3 virtual. EASTERN
THIS COHORT IS FULL. WE ARE NOT TAKING ANY MORE REGISTRATIONS FOR THIS COHORT NOR ARE WE STARTING A WAITLIST AT THIS TIME. PLEASE SELECT ANOTHER COHORT.

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Tuesday, September 8 - Wednesday, September 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, October 13 - Wednesday, October 14, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 16 and Wednesday, February 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is July 17, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

November 4, 2020
- November 5, 2020

Comprehensive Course for Primary Grades K-2: Pulaski County, KY - Tonda Thompson (2020 VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Pulaski County)
July: 10-1; Sep-Nov: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Tuesday, July 7- Friday, July 10, 2020

10 am - 1pm EASTERN TIME (which is 9 am - noon CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, November 4 - Thursday, November 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday, January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday, January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 22 and Tuesday February 23, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 22 OR Tuesday February 23, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, March 2 and Wednesday, March 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, March 2 OR Wednesday, March 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

November 4, 2020
- November 5, 2020

Explorations in 3rd Grade Multiplication and Division: Muhlenberg County - Bonny Davenport
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Muhlenberg
12:00 PM - 03:00 PM CST

Description: The first critical area of focus for third grade is developing understanding of and strategies for multiplication and division within 100. During this session, teachers will explore contexts and tasks designed to support students in their journey toward multiplicative fluency within 100. Participants will receive prepared activities and several books from the series Contexts for Learning: Level 2 (Investigating Multiplication and Division).

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) that meet in 2020 will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 2-day PLE has been broken down into two half-day sessions. Should we be able to resume in-person sessions in 2021, Day 2 of this PLE will meet in-person for one full day.

Cost: \$200/participant

Duration: 2 days

Days 1: (2 half-day virtual sessions)

Wednesday & Thursday, November 4 & 5, 2020

Noon - 3 pm CENTRAL TIME (which is 1 - 4 pm EASTERN TIME)

Day 2: (2 half-day virtual sessions or 1 in-person session)

Virtually: Thursday & Friday, January 19 & 20, 2021. Noon - 3 pm CENTRAL TIME (which is 1 - 4 pm EASTERN TIME)

In-Person: Thursday, January 19 OR Friday, January 20, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

Registration cutoff date = 8/1/20

For all virtual sessions, materials will be mailed directly to the participant's home.

Please ensure that a valid home mailing address is entered into any registration.

Once materials are ordered and shipped, the registration fee is non-refundable.

November 4, 2020
- November 5, 2020

Explorations in 4th & 5th Grade Fractions: Fayette County, KY - Cindy Aossey (2020-21)
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Fayette Cou
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

Cost: \$300 per participant
Duration: 3 days

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday & Thursday, November 4 & 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Monday & Tuesday, November 9 & 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 9 & 10, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 9 OR Wednesday, February 10, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20*

** For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

November 9, 2020
- November 10, 2020

Comprehensive Course for Primary Grades K-2: Hardin County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Monday, August 31 - Tuesday, September 1, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Monday, October 19 - Tuesday, October 20, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Monday, November 9 - Tuesday, November 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Monday, December 7 - Tuesday, December 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, January 11 and Tuesday January 12, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, January 11 OR Tuesday January 12, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 8 and Tuesday, February 9, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 8 OR Tuesday, February 9, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

November 9, 2020
- November 10, 2020

Explorations in 4th & 5th Grade Fractions: Fayette County, KY - Cindy Aossey (2020-21)
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Fayette Cou
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

Cost: \$300 per participant
Duration: 3 days

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday & Thursday, November 4 & 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Monday & Tuesday, November 9 & 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 9 & 10, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 9 OR Wednesday, February 10, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20*

** For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

November 10, 2020
- November 11, 2020

Comprehensive Course for Primary Grades K-2: Madison County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all session in 2020; possible in-person sessions in 2021 in Madison County
Jun-Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN
KCM,
kcm@nku.edu

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, June 29 - Thursday, July 2, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, August 25 - Wednesday, August 26, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 20 - Wednesday, October 21, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 10 - Wednesday, November 11, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 1 - Wednesday, December 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 12 and Wednesday January 13, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 12 OR Wednesday January 13, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

November 11, 2020
- November 12, 2020

Comprehensive Course for Primary Grades K-2: Scott County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Scott County,
Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 27 - Thursday, July 30 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday, September 2 - Thursday, September 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, October 21 - Thursday, October 22, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Wednesday, November 11 - Thursday, November 12, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Wednesday, December 9 - Thursday, December 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Wednesday, January 13 and Thursday, January 14, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, January 13 OR Thursday, January 14, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Wednesday, February 10 and Thursday, February 11, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, February 10 OR Thursday, February 11, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 19, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

November 12, 2020
- November 13, 2020

Explorations in 3rd Grade Multiplication and Division: Madison County - Cindy Aossey (2020)

VIRTUAL ZOOM MEETINGS

12:00 PM - 03:00 PM EST

Description: The first critical area of focus for third grade is developing understanding of and strategies for multiplication and division within 100. During this session, teachers will explore contexts and tasks designed to support students in their journey toward multiplicative fluency within 100. Participants will receive prepared activities and several books from the series Contexts for Learning: Level 2 (Investigating Multiplication and Division).

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 2-day PLE has been broken down into two half-day sessions.

Cost: \$200/participant

Duration: 2 days

Days 1: (2 half-day virtual sessions)

Thursday & Friday, October 22-23, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Thursday & Friday, November 12-13, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Registration cutoff date = 8/1/20

All materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.

Once materials are ordered and shipped, the registration fee is non-refundable.

November 12, 2020
- November 13, 2020

Explorations in 4th & 5th Grade Fractions: Pulaski County, KY - Dee Crescitelli & Leah Dix WH
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Pulaski Cou
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

*Cost: \$300 per participant
Duration: 3 days*

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Thursday & Friday, November 12 & 13, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Wednesday & Thursday, November 18 & 19, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 16 & 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20.*

** For all virtual sessions, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is provided when registering.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

November 17, 2020
- November 18, 2020

Comprehensive Course for Primary Grades K-2: Muhlenberg County, KY - Bonny Davenport (VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Muhlenberg C

Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. CENTRAL

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon CENTRAL TIME (which is 10 am - 1 pm EASTERN TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 26 and Wednesday January 27, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, January 26 OR Wednesday January 27, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 23 and Wednesday, February 24, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

November 17, 2020
- November 18, 2020

Comprehensive Course for Primary Grades K-2: Fayette County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Fayette County
Sept-Dec 2020: 12-3 pm; Jan-Feb 2021: 9-4 in person or 12-3 virtual. EASTERN
THIS COHORT IS FULL. WE ARE NOT TAKING ANY MORE REGISTRATIONS FOR THIS COHORT NOR ARE WE STARTING A WAITLIST AT THIS TIME. PLEASE SELECT ANOTHER COHORT.

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Tuesday, September 8 - Wednesday, September 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, October 13 - Wednesday, October 14, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 16 and Wednesday, February 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is July 17, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

November 18, 2020
- November 19, 2020

Explorations in 4th & 5th Grade Fractions: Pulaski County, KY - Dee Crescitelli & Leah Dix WH
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Pulaski Cou
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

*Cost: \$300 per participant
Duration: 3 days*

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Thursday & Friday, November 12 & 13, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Wednesday & Thursday, November 18 & 19, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 16 & 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20.*

** For all virtual sessions, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is provided when registering.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

December 1, 2020
- December 2, 2020

Comprehensive Course for Primary Grades K-2: Madison County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all session in 2020; possible in-person sessions in 2021 in Madison County
Jun-Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN
KCM,
kcm@nku.edu

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, June 29 - Thursday, July 2, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, August 25 - Wednesday, August 26, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 20 - Wednesday, October 21, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 10 - Wednesday, November 11, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 1 - Wednesday, December 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 12 and Wednesday January 13, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 12 OR Wednesday January 13, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

December 2, 2020
- December 3, 2020

Explorations in 4th & 5th Grade Fractions: Hardin County, KY - Leah Dix White (2020-21)
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

Cost: \$300 per participant
Duration: 3 days

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday & Thursday, December 2 & 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Wednesday & Thursday, December 9 & 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 23 & 24, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20.*

** For all virtual sessions, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is provided when registering.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

December 7, 2020
- December 8, 2020

Comprehensive Course for Primary Grades K-2: Hardin County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Monday, August 31 - Tuesday, September 1, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Monday, October 19 - Tuesday, October 20, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Monday, November 9 - Tuesday, November 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Monday, December 7 - Tuesday, December 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, January 11 and Tuesday January 12, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, January 11 OR Tuesday January 12, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 8 and Tuesday, February 9, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 8 OR Tuesday, February 9, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

December 9, 2020
- December 10, 2020

Comprehensive Course for Primary Grades K-2: Scott County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Scott County,
Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 27 - Thursday, July 30 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday, September 2 - Thursday, September 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, October 21 - Thursday, October 22, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Wednesday, November 11 - Thursday, November 12, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Wednesday, December 9 - Thursday, December 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Wednesday, January 13 and Thursday, January 14, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, January 13 OR Thursday, January 14, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Wednesday, February 10 and Thursday, February 11, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, February 10 OR Thursday, February 11, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 19, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

December 9, 2020
- December 10, 2020

Explorations in 4th & 5th Grade Fractions: Hardin County, KY - Leah Dix White (2020-21)
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

Cost: \$300 per participant

Duration: 3 days

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday & Thursday, December 2 & 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Wednesday & Thursday, December 9 & 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 23 & 24, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20.*

** For all virtual sessions, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is provided when registering.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

December 15, 2020
- December 16, 2020

Comprehensive Course for Primary Grades K-2: Muhlenberg County, KY - Bonny Davenport (VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Muhlenberg C

Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. CENTRAL

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon CENTRAL TIME (which is 10 am - 1 pm EASTERN TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 26 and Wednesday January 27, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, January 26 OR Wednesday January 27, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 23 and Wednesday, February 24, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

December 15, 2020
- December 16, 2020

Comprehensive Course for Primary Grades K-2: Fayette County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Fayette County
Sept-Dec 2020: 12-3 pm; Jan-Feb 2021: 9-4 in person or 12-3 virtual. EASTERN
THIS COHORT IS FULL. WE ARE NOT TAKING ANY MORE REGISTRATIONS FOR THIS COHORT NOR ARE WE STARTING A WAITLIST AT THIS TIME. PLEASE SELECT ANOTHER COHORT.

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Tuesday, September 8 - Wednesday, September 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, October 13 - Wednesday, October 14, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 16 and Wednesday, February 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is July 17, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

January 11, 2021
- January 12, 2021

Comprehensive Course for Primary Grades K-2: Hardin County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Monday, August 31 - Tuesday, September 1, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Monday, October 19 - Tuesday, October 20, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Monday, November 9 - Tuesday, November 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Monday, December 7 - Tuesday, December 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, January 11 and Tuesday January 12, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, January 11 OR Tuesday January 12, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 8 and Tuesday, February 9, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 8 OR Tuesday, February 9, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

January 12, 2021
- January 13, 2021

Comprehensive Course for Primary Grades K-2: Madison County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all session in 2020; possible in-person sessions in 2021 in Madison County
Jun-Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN
KCM,
kcm@nku.edu

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, June 29 - Thursday, July 2, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, August 25 - Wednesday, August 26, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 20 - Wednesday, October 21, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 10 - Wednesday, November 11, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 1 - Wednesday, December 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 12 and Wednesday January 13, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 12 OR Wednesday January 13, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

January 13, 2021
- January 14, 2021

Comprehensive Course for Primary Grades K-2: Scott County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Scott County,
Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 27 - Thursday, July 30 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday, September 2 - Thursday, September 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, October 21 - Thursday, October 22, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Wednesday, November 11 - Thursday, November 12, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Wednesday, December 9 - Thursday, December 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Wednesday, January 13 and Thursday, January 14, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, January 13 OR Thursday, January 14, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Wednesday, February 10 and Thursday, February 11, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, February 10 OR Thursday, February 11, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 19, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

January 19, 2021
- January 20, 2021

Comprehensive Course for Primary Grades K-2: Pulaski County, KY - Tonda Thompson (2020 VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Pulaski County)

July: 10-1; Sep-Nov: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Tuesday, July 7- Friday, July 10, 2020

10 am - 1pm EASTERN TIME (which is 9 am - noon CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, November 4 - Thursday, November 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday, January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday, January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 22 and Tuesday February 23, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 22 OR Tuesday February 23, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, March 2 and Wednesday, March 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, March 2 OR Wednesday, March 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

January 19, 2021
- January 20, 2021

Explorations in 3rd Grade Multiplication and Division: Muhlenberg County - Bonny Davenport
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Muhlenberg
12:00 PM - 03:00 PM CST

Description: The first critical area of focus for third grade is developing understanding of and strategies for multiplication and division within 100. During this session, teachers will explore contexts and tasks designed to support students in their journey toward multiplicative fluency within 100. Participants will receive prepared activities and several books from the series Contexts for Learning: Level 2 (Investigating Multiplication and Division).

NOTE: Based on current health/safety recommendations, all sessions of this professional learning event (PLE) that meet in 2020 will meet virtually and not in person. Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, each day of this 2-day PLE has been broken down into two half-day sessions. Should we be able to resume in-person sessions in 2021, Day 2 of this PLE will meet in-person for one full day.

Cost: \$200/participant

Duration: 2 days

Days 1: (2 half-day virtual sessions)

Wednesday & Thursday, November 4 & 5, 2020

Noon - 3 pm CENTRAL TIME (which is 1 - 4 pm EASTERN TIME)

Day 2: (2 half-day virtual sessions or 1 in-person session)

Virtually: Thursday & Friday, January 19 & 20, 2021. Noon - 3 pm CENTRAL TIME (which is 1 - 4 pm EASTERN TIME)

In-Person: Thursday, January 19 OR Friday, January 20, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

Registration cutoff date = 8/1/20

For all virtual sessions, materials will be mailed directly to the participant's home.

Please ensure that a valid home mailing address is entered into any registration.

Once materials are ordered and shipped, the registration fee is non-refundable.

January 19, 2021
- January 20, 2021

Comprehensive Course for Primary Grades K-2: Fayette County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Fayette County
Sept-Dec 2020: 12-3 pm; Jan-Feb 2021: 9-4 in person or 12-3 virtual. EASTERN
THIS COHORT IS FULL. WE ARE NOT TAKING ANY MORE REGISTRATIONS FOR THIS COHORT NOR ARE WE STARTING A WAITLIST AT THIS TIME. PLEASE SELECT ANOTHER COHORT.

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Tuesday, September 8 - Wednesday, September 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, October 13 - Wednesday, October 14, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 16 and Wednesday, February 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is July 17, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

January 26, 2021
- January 27, 2021

Comprehensive Course for Primary Grades K-2: Muhlenberg County, KY - Bonny Davenport (VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Muhlenberg C

Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. CENTRAL

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon CENTRAL TIME (which is 10 am - 1 pm EASTERN TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 26 and Wednesday January 27, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, January 26 OR Wednesday January 27, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 23 and Wednesday, February 24, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

January 26, 2021
- January 27, 2021

Explorations in 3rd Grade Fractions: Madison County - Cindy Aossey (2020-21)

In-person session would meet in Madison County, KY; if unable to meet in person, sessions would be held

9am - 4pm IF able to meet in person for 1 day; 12-3 pm for 2 days if virtual. E

Description: Third grade is a critical year in which students should develop strong foundations for understanding fractions. During this session, teachers will explore hands-on activities and tasks designed to support students in developing conceptual understandings of fractions as numbers. Teachers will 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. Participants will receive prepared materials and manipulatives, including fraction squares, Cuisenaire Rods and KNPIG (Kentucky Numeracy Project Intervention Guide) activities.

Cost: \$100 per participant

Duration: 1 day

NOTE: If this 1-Day Professional Learning Event (PLE) is unable to meet in person due to COVID-19 health/safety regulations, this PLE will meet virtually via two half-day ZOOM meetings.

SCHEDULE:

Virtually: Tuesday & Wednesday, January 26 & 27, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In Person: Tuesday, January 26 OR Wednesday, 27, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

February 2, 2021
- February 3, 2021

Comprehensive Course for Primary Grades K-2: Madison County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all session in 2020; possible in-person sessions in 2021 in Madison County
Jun-Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN
KCM,
kcm@nku.edu

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, June 29 - Thursday, July 2, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, August 25 - Wednesday, August 26, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 20 - Wednesday, October 21, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 10 - Wednesday, November 11, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 1 - Wednesday, December 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 12 and Wednesday January 13, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 12 OR Wednesday January 13, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

February 2, 2021
- February 3, 2021

Comprehensive Course for Primary Grades K-2: Pulaski County, KY - Tonda Thompson (2020 VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Pulaski County)
July: 10-1; Sep-Nov: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Tuesday, July 7- Friday, July 10, 2020

10 am - 1pm EASTERN TIME (which is 9 am - noon CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, November 4 - Thursday, November 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday, January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday, January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 22 and Tuesday February 23, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 22 OR Tuesday February 23, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, March 2 and Wednesday, March 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, March 2 OR Wednesday, March 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

February 8, 2021
- February 9, 2021

Comprehensive Course for Primary Grades K-2: Hardin County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
Jul: 9-12; Aug-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Monday, August 31 - Tuesday, September 1, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Monday, October 19 - Tuesday, October 20, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Monday, November 9 - Tuesday, November 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Monday, December 7 - Tuesday, December 8, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, January 11 and Tuesday January 12, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, January 11 OR Tuesday January 12, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 8 and Tuesday, February 9, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 8 OR Tuesday, February 9, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

February 8, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.

February 9, 2021
- February 10, 2021

Explorations in 3rd Grade Fractions: Muhlenberg County - Bonny Davenport (2020-21)

In-person session would meet in Muhlenberg County, KY; if unable to meet in-person, sessions would be

9am - 4pm IF able to meet in person for 1 day; 12-3 pm for 2 days if virtual. C

Description: Third grade is a critical year in which students should develop strong foundations for understanding fractions. During this session, teachers will explore hands-on activities and tasks designed to support students in developing conceptual understandings of fractions as numbers. Teachers will 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. Participants will receive prepared materials and manipulatives, including fraction squares, Cuisenaire Rods and KNPIG (Kentucky Numeracy Project Intervention Guide) activities.

Cost: \$100 per participant

Duration: 1 day

NOTE: If this 1-Day Professional Learning Event (PLE) is unable to meet in person due to COVID-19 health/safety regulations, this PLE will meet virtually via two half-day ZOOM meetings.

SCHEDULE:

Virtually: Tuesday & Wednesday, February 9 & 10, 2021. Noon - 3 pm CENTRAL TIME (which is 1 - 4 pm EASTERN TIME)

In Person: Tuesday, February 9 OR Wednesday, February 10, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

February 9, 2021
- February 10, 2021

Explorations in 4th & 5th Grade Fractions: Fayette County, KY - Cindy Aossey (2020-21)
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Fayette Cou
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

Cost: \$300 per participant
Duration: 3 days

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday & Thursday, November 4 & 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Monday & Tuesday, November 9 & 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 9 & 10, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 9 OR Wednesday, February 10, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20*

** For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

February 10, 2021
- February 11, 2021

Comprehensive Course for Primary Grades K-2: Scott County, KY - Lisa Riggs (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Scott County,
Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 27 - Thursday, July 30 2020

9 am - Noon EASTERN TIME (which is 8 am - 11 am CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Wednesday, September 2 - Thursday, September 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, October 21 - Thursday, October 22, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Wednesday, November 11 - Thursday, November 12, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Wednesday, December 9 - Thursday, December 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Wednesday, January 13 and Thursday, January 14, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, January 13 OR Thursday, January 14, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Wednesday, February 10 and Thursday, February 11, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Wednesday, February 10 OR Thursday, February 11, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 19, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

February 10, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.

February 16, 2021
- February 17, 2021

Comprehensive Course for Primary Grades K-2: Fayette County, KY - Julie Adams (2020-21)
VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Fayette County
Sept-Dec 2020: 12-3 pm; Jan-Feb 2021: 9-4 in person or 12-3 virtual. EASTERN
THIS COHORT IS FULL. WE ARE NOT TAKING ANY MORE REGISTRATIONS FOR THIS COHORT NOR ARE WE STARTING A WAITLIST AT THIS TIME. PLEASE SELECT ANOTHER COHORT.

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per person

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Tuesday, September 8 - Wednesday, September 9, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, October 13 - Wednesday, October 14, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 16 and Wednesday, February 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is July 17, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

February 16, 2021
- February 17, 2021

Explorations in 4th & 5th Grade Fractions: Pulaski County, KY - Dee Crescitelli & Leah Dix WH
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Pulaski Cou
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

Cost: \$300 per participant

Duration: 3 days

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Thursday & Friday, November 12 & 13, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Wednesday & Thursday, November 18 & 19, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 16 & 17, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 16 OR Wednesday, February 17, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20.*

** For all virtual sessions, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is provided when registering.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

February 17, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.

February 22, 2021
- February 23, 2021

Comprehensive Course for Primary Grades K-2: Pulaski County, KY - Tonda Thompson (2020 VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Pulaski County)
July: 10-1; Sep-Nov: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Tuesday, July 7- Friday, July 10, 2020

10 am - 1pm EASTERN TIME (which is 9 am - noon CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, November 4 - Thursday, November 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday, January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday, January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 22 and Tuesday February 23, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 22 OR Tuesday February 23, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, March 2 and Wednesday, March 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, March 2 OR Wednesday, March 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

February 23, 2021
- February 24, 2021

Comprehensive Course for Primary Grades K-2: Muhlenberg County, KY - Bonny Davenport (VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Muhlenberg C

Jul: 9-12; Sept-Dec: 12-3; 2021: 9-4 in person or 12-3 virtual. CENTRAL

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Monday, July 20 - Thursday, July 23, 2020

9 am - Noon CENTRAL TIME (which is 10 am - 1 pm EASTERN TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 4: (2 half-day virtual sessions)

Tuesday, October 27 - Wednesday, October 28, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 5: (2 half-day virtual sessions)

Tuesday, November 17 - Wednesday, November 18, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 6: (2 half-day virtual sessions)

Tuesday, December 15 - Wednesday, December 16, 2020

Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 26 and Wednesday January 27, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, January 26 OR Wednesday January 27, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 23 and Wednesday, February 24, 2021. Noon - 3 pm CENTRAL TIME (which is 1 pm - 4 pm EASTERN TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm CENTRAL TIME (which is 10 am - 5 pm EASTERN TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

February 23, 2021
- February 24, 2021

Explorations in 4th & 5th Grade Fractions: Hardin County, KY - Leah Dix White (2020-21)
VIRTUAL ZOOM MEETINGS for all sessions in 2020; possible in-person sessions in 2021 in Hardin County
12:00 PM - 03:00 PM EST

Description: Intermediate grades are a critical time in which students are expected to develop an understanding of fractions as numbers and make sense of fraction operations. During this three-day session, teachers will explore instructional strategies such as the use of manipulatives, fraction models (including number lines) and rich tasks. Teachers will deepen their understanding of the fourth and fifth grade fractions standards, seeing them as part of a progression starting in first grade and continuing into middle school. Participants will be provided with a variety of books and manipulatives.

Cost: \$300 per participant

Duration: 3 days

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on the health/safety recommendations in place at that time.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

SCHEDULE:

Day 1: (2 half-day virtual sessions)

Wednesday & Thursday, December 2 & 3, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 2: (2 half-day virtual sessions)

Wednesday & Thursday, December 9 & 10, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 3: (2 half-day virtual sessions, OR 1 in-person session)

Virtually: Tuesday & Wednesday, February 23 & 24, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 23 OR Wednesday, February 24, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

** Registration cutoff date = 8/12/20.*

** For all virtual sessions, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is provided when registering.*

** Once materials are ordered and shipped, the registration fee is non-refundable.*

March 2, 2021
- March 3, 2021

Comprehensive Course for Primary Grades K-2: Pulaski County, KY - Tonda Thompson (2020 VIRTUAL ZOOM MEETING for all sessions in 2020; possible in-person sessions in 2021 in Pulaski County)
July: 10-1; Sep-Nov: 12-3; 2021: 9-4 in person or 12-3 virtual. EASTERN

Course Description:

This 8-day learning opportunity is designed for classroom, special education and mathematics intervention teachers of students in Grades K-2. Participants will engage in varied instructional strategies, and will acquire tools to assess, support, and advance students' mathematical reasoning and knowledge. Aligned to research-based teaching practices and KAS, topics will include counting and cardinality, number and operations, early algebraic reasoning, conceptual place value, measurement and data, and math/literature connections. Participants will receive books, activities and instructional materials, along with assessment strategies to identify and target student needs and misconceptions in early numeracy.

NOTE: All sessions in 2020 will meet virtually; sessions beginning January 2021 may be virtual or meet in-person based on current health/safety recommendations.

**Because meeting online for 6 hours per day would not be favorable or even feasible for course participants, days that meet virtually will be broken down into two half-day sessions.*

COST:

\$800 per participant

SCHEDULE:

Days 1&2: (4 half-day virtual sessions)

Tuesday, July 7- Friday, July 10, 2020

10 am - 1pm EASTERN TIME (which is 9 am - noon CENTRAL TIME)

Day 3: (2 half-day virtual sessions)

Tuesday, September 1 - Wednesday, September 2, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 4: (2 half-day virtual sessions)

Wednesday, November 4 - Thursday, November 5, 2020

Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

Day 5: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, January 19 and Wednesday, January 20, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, January 19 OR Wednesday, January 20, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 6: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, February 2 and Wednesday, February 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, February 2 OR Wednesday, February 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 7: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Monday, February 22 and Tuesday February 23, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Monday, February 22 OR Tuesday February 23, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

Day 8: (2 half-day virtual sessions OR 1 in-person session)

Virtually: Tuesday, March 2 and Wednesday, March 3, 2021. Noon - 3 pm EASTERN TIME (which is 11 am - 2 pm CENTRAL TIME)

In-person: Tuesday, March 2 OR Wednesday, March 3, 2021. 9 am - 4 pm EASTERN TIME (which is 8 am - 3 pm CENTRAL TIME)

**Registration cutoff date is June 12, 2020.*

**For all sessions that meet virtually, materials will be mailed directly to the participant's home. Please ensure that a valid home mailing address is entered into any registration.*

**Once materials are ordered and shipped, the registration fee is non-refundable.*

March 16, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.

March 18, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

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April 13, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

**We sincerely apologize for the change in schedule that had to be made on June 11; The original dates conflicted with KCM's Annual Math Conference in March and therefore had to be revised along with all the following dates. We apologize for any inconvenience this change in schedule causes anyone.*

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April 15, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

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April 19, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

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April 21, 2021

KNPI (KY Numeracy Project Intensive) Course - VIRTUAL - Tonda Thompson (2020-21)

Virtual ZOOM Meetings

12:00 PM - 02:00 PM EST

Dee Crescitelli,
cresciteld1@nku.edu

Description: This course is built around Add+Vantage Math Recovery and is designed for elementary grades teachers to learn and practice assessments and teaching strategies for advancing students' foundational number knowledge, including addition, subtraction, multiplication, and division.

**This academic year, the Kentucky Numeracy Project Intensive includes ten days of training spread over 20 two-hour virtual sessions with outside assignments.*

Cost: \$2,000/participant

Duration: 20 virtual sessions

Locations: Virtual

Part 1: 2020:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, July 20

Session 2: Thursday, July 23

Session 3: Wednesday, July 29

Session 4: Thursday, July 30

Session 5: Tuesday, August 4

Session 6: Thursday, August 6

Session 7: Tuesday, August 11

Session 8: Thursday, August 13

Session 9: Tuesday, October 6

Session 10: Thursday, October 8

Part 2 - 2021:

All sessions will run virtually from 12:00-2:00 pm Eastern time (which is 11:00 am - 1:00 pm Central Time).

Session 1: Monday, February 8

Session 2: Wednesday, February 10

Session 3: Monday, February 15

Session 4: Wednesday, February 17

Session 5: Monday, March 8 Changed on 6/11/20 to Tuesday, March 16

Session 6: Wednesday, March 10 Changed on 6/11/20 to Thursday, March 18

Session 7: Tuesday, March 16 Changed on 6/11/20 to Tuesday, April 13

Session 8: Thursday, March 18 Changed on 6/11/20 to Thursday, April 15

Session 9: Tuesday, April 13 Changed on 6/11/20 to Monday, April 19

Session 10: Thursday, April 15 Changed on 6/11/20 to Wednesday, April 21

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Contact Dee Crescitelli (cresciteld1@nku.edu) with questions about the MAF course options.