

Thursday Sessions Starting at 9:00

9:00 – 9:50

Convention Center Room 250

General

Kentucky Center for Mathematics

The KCM offers professional development programs, on-going support and resources for teachers of mathematics. The KCM's work, with particular emphasis on the primary intervention program and the coaching program and the positive outcomes of these programs, will be discussed.

Speakers: Kirsten Fleming, Kentucky Center for Mathematics, Highland Heights, KY
Alice Gabbard, Kentucky Center for Mathematics, Highland Heights, KY

9:00 – 9:50

Convention Center Room 251

Grades K-12

Meeting K-12 Mathematics Program Leadership Challenges in Uncertain Times

This will be an interactive forum to discuss current state and national issues impacting K-12 mathematics programs and teachers. Information about and strategies for addressing these challenges in K-12 mathematics program leaders' individual role and as a professional community will be shared.

Speaker: Anne Mikesell, Ohio Mathematics Education Leadership Council (OMELC)

9:00 – 9:50

Convention Center Room 252

**Grades 9-12, College,
Pre-Service**

Mathematical Investigations in a Secondary Mathematics Methods Course

"Why do the tests for divisibility work?" This is one of the questions that led to mathematical investigations carried out by students in a secondary mathematics methods course. Presenters will share mathematical investigations made in the class and students' responses.

Speakers: Bethany Noblitt, Northern Kentucky University, Highland Heights, KY
Laura Bristol, Kentucky Center for Mathematics, Highland Heights, KY

9:00 – 10:30

Convention Center Room 263

Grades 3-5

Teaching Math through Movement

Chants... Mathnastics... Division Slide... See how movement can be used to teach: fractions, decimals, ratios, percents, long division, geometry, rounding, and more. This one is too good to miss!! Participants can earn prizes.

Speaker: Staci McDaniel, Citizens' Academy, Cleveland, OH

9:00 – 10:30

Convention Center Room 264

Grades 6-12

More Mathematics through Moodle

Want to explore some of the fun topics we no longer have time for? Have the students do it on-line. Learn how to create an online component to your class where kids can explore topics such as tessellations or crop circles.

Speakers: Pam Roehling, Nagel Middle School, Cincinnati, OH
Trisha Underwood, Nagel Middle School, Cincinnati, OH

9:00 – 10:30

Convention Center Room 262

Grades 9-12, College

TI-Nspire, Navigator for Nspire, and SMART Boards - What a Combination!

Learn about these amazing technologies and how to creatively integrate them in your classroom. Use Nspire documents as teaching tools, flash cards, review, and time-savers. The wireless Navigator system is a tremendous classroom management and student response system. 100+ free documents.

Speaker: Tom Reardon, Fitch High School, Poland, OH

Thursday Sessions Starting at 9:30

9:30 – 10:20

Hyatt Regency B

Grades K-2

Calendar Math / Morning Meeting with K-2 Students

Our workshop will focus on how to design and implement an advanced approach to basic math concepts. In this session, we will show how we teach place value, telling time, expanded notation, decomposing numbers, etc. in a daily calendar setting.

Presenters: Betsy Beaton, Marshall Elementary School, Oxford, OH
Mary Rein, Marshall Elementary School, Oxford, OH

9:30 – 10:20

Hyatt Buckeye B

Grades K-8

Market Madness: Putting Pizzazz in Your Math Curriculum

Enrich your students' mathematical skills with the aid of Market Madness. Grades 1 through 8 students learn how to establish, manage and evaluate a business, as well as earn and spend money.

Speakers: Elaine Connelly, Immaculate Heart of Mary School, Cincinnati, OH
Michele Head, Immaculate Heart of Mary Schools, Cincinnati, OH

9:30 – 10:20

Hyatt Buckeye A

Grades 3-8

The Sum of Reading and Writing

Does the language arts curriculum take precedence over other academic subjects in your school? Come and hear how literature can be used to launch mathematics lessons. The presenter will share standards-based mathematics lessons using picture books of different genres.

Speaker: Nancy Borchers, Mathematics Consultant, Hamilton, OH

9:30 – 11:00

Hyatt Regency C

General

Learning with the Math Brain in Mind

The key to success in learning math is to identify how students learn best and to empower them to learn accordingly. Identify three key most important learning styles and how to incorporate those styles in lesson plans and assignments. Set your students up for math success!

Speaker: Ann Anzalone, Mathematics Consultant, Dayton, OH

9:30 – 11:00

Hyatt Regency G

Grades 3-6

Paths to Problem Solving

It's no secret! Teach elementary students problem solving strategies and give them opportunities to use those strategies with a wide variety of problems in order to promote student success. Learn the strategies and receive a collection of problems!

Speaker: Linda Gojak, John Carroll University, University Heights, OH

9:30 – 11:00

Hyatt Regency E

Grades 3-12

Writing to Math Prompts on the OAT is all about "I"

Students struggle when asked to respond to a prompts on the Mathematics Ohio Achievement Test. A strategy will be shared that will not only help students with organizational issues but also in the content and construction of their response.

Speaker: Sheila J. Allen, Medina City Schools, Medina, OH

9:30 – 11:00

Hyatt Bluegrass A & B

Grades 6-8

Sharing My Favorite Middle School Non-Routine Problems and Puzzles to Pickle and Tickle Your Brain

This veteran of high school teaching (30 years) and university teaching in mathematics and education (15 more years) will share fun and intriguing problems, worked together, that can be used in your classroom Monday morning for enriched teaching and learning.

Speaker: Duane Bollenbacher, Bluffton University, Bluffton, OH

9:30 – 11:00

Hyatt Regency F

Grades 9-12

Tricks of the Trade

There are many “tricks” that help students quickly recall information necessary for mathematics success. We’ll present tricks that help students get past memorization and begin understanding and applying mathematics. Participants will also have the opportunity to share their tricks.

Speaker: Marika McFall, Anderson High School, Cincinnati, OH
James Jewell, Moeller High School and Hamilton County ESC, Cincinnati, OH

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| Thursday Sessions Starting at 10:00 |
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10:00 – 10:50

Convention Center Room 252

Grades K-3

I Didn’t Know They Knew That! Handheld Computer-Based Formative Assessment for K-3 Math

Be confident that your K-3 students are mastering foundational math skills! Learn more about the mCLASS: Math solution, an easy, efficient, research-based formative assessment that reveals what students know, how they know it, and what to do next.

Speaker: Shawn Meddock, Wireless Generation, Brooklyn, NY

10:00 – 10:50

Convention Center Room 250

Grades K-5, General

Better Mathematics through Literacy: A Student-Centered Approach to Early Childhood Mathematics in Southeastern Ohio

We will share engaging, learner-centered activities that infuse NCTM Process Standards, writing, reading, communicating, and mathematically-rich tasks to create a classroom atmosphere conducive to teaching and learning with understanding. Preliminary research findings will also be shared.

Speaker: Timothy McKeny, Ohio University, Athens, OH

10:00 – 10:50

Convention Center Room 251

Grades 3-5

Building a Community of Learners in Your Math Classroom

Cooperative learning activities will be provided during this presentation to help educators establish academic excellence as well as build a sense of community within their learning environment. This researched-based approach to teaching supports the full range of student growth and development.

Speaker: Terese Booth, Allison Street Elementary School, Cincinnati, OH

Thursday Sessions Starting at 10:30

10:30 – 11:20

Hyatt Buckeye A

Grades 3-8

Introductory Probability & Statistics Activities for Intermediate/Middle Grade Students

This session will present a variety of activities that can be used to introduce middle grade students to probability and statistical concepts. Activities presented will address the following topics: probability, descriptive statistics, sampling distributions, and experimental design.

Speaker: Brooke Buckley, Northern Kentucky University, Highland Heights, KY

10:30 – 11:20

Hyatt Regency B

Grades K-5

Rubrics: Using Rubrics for Instruction and Assessment in an Elementary Classroom

Take research-based, best practice to a new level by learning how to use rubrics to guide instruction and as a tool for authentic assessment. Presenters will provide examples and student work from a variety of grade and ability levels.

Speakers: Lindsey Young, Evendale Elementary School, Cincinnati, OH
Bonnie Grimm, Glendale Elementary School, Cincinnati, OH
Angie Carrigan, Glendale Elementary School, Cincinnati, OH
Amanda Brinkman, Glendale Elementary School, Cincinnati, OH

10:30 – 11:20

Hyatt Buckeye B

Grades 8-12, College

The Geometry of Gothic Architecture

Gothic cathedrals provide awe-inspiring geometric designs using a compass/straightedge and the basic principles of Euclidean geometry. Student worksheets will be provided.

Speaker: Aimee Crabtree, Licking Valley High School, New Albany, OH

10:30 – 12:00

Hyatt Regency A

Grades K-5

Ohio Mathematics Standards Revision: Grades K-5

After an overview of the purposes of standards revision, the revision process and timeline, and the draft documents, participants will work in grade-band teams, with ODE staff and members of the standards working groups, to provide feedback on the draft.

Speakers: Anita Jones, Ohio Department of Education, Columbus, OH
Vicky Kirschner, Ohio Department of Education, Columbus, OH
Ann Carlson, Ohio Department of Education, Columbus, OH

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| Thursday Sessions Starting at 11:00 |
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11:00 – 11:50

Convention Center Room 262

General

SMART Boarding in the Math Classroom 101: How to Become a SMART Teacher

Come see and experience the newest SMART Board software/hardware. Discover how this technology will seamlessly bridge your classroom to the digital-age. Learn content-based ideas for your classroom, interaction with your computer, classroom management, and advanced techniques! Plus get KLIK-ed!

Speaker: Bret Gensburg, The University of Akron, Akron, OH

11:00 – 11:50

Convention Center Room 264

Grades K-5

You've Got Mail: a Pen Pal Experience

Using Bloom's Taxonomy, pre-service teachers work to develop their questing skills to probe the mathematical thinking of the third grade students. Exchanging letters with pre-service teachers gives 3rd graders opportunity to use mathematical vocabulary fluently to express their mathematical understanding.

Speakers: Kim Wachenheim, Miami University, Oxford, OH
Judy Meiceheimer, Marshall Elementary School, Oxford, OH

11:00 – 11:50

Convention Center Room 251

Grades K-8

Bridging Teacher Leaders and their Colleagues

Teacher leaders for mathematics can use video, online apps, wikis, clickers, and scanners to create authentic experiences for their colleagues to collaborate, dissect, and explore ways to help their students learn mathematics. Many examples, resources and strategies will be shared.

Speaker: Chris Cox, Miami University, Oxford, OH

11:00 – 11:50 Convention Center Room 250 General

What I Have Learned from Leading a Mathematics Professional Community

During 2008-09, 19 teachers participated in a district-wide, K-8 Professional Learning Community (PLC). The presenter also co-taught in each teacher's classroom. This session will highlight the many worthwhile learning experiences shared by all involved.

Speaker: Kim Yoak, Stow-Munroe Falls City Schools, Stow, OH

11:00 – 11:50 Convention Center Room 252 Grades 6-12, College

Reasoning about Quadrilaterals Using Dynamic Geometry

We will explore and classify quadrilaterals from diagonal relationships constructed with The Geometer's Sketchpad™. This activity has been used with pre-service middle grades teachers. A modification of this activity has been used with middle grades students.

Speaker: Gina Foletta, Northern Kentucky University, Highland Heights, KY

11:00 – 12:30 Convention Center Room 263 Grades 9-12

Are You Looking for a Standards Based Curriculum? CPM Might be the Answer

Participants will explore activities from one of the Exemplary Programs: College Preparatory Mathematics (CPM) grades 6-12. When students work through the problems in CPM, they develop not only problem solving skills but a better understanding of the basics.

Speaker: Lonnie Bellman, CPM Educational Program, Visalia, CA

Thursday Sessions Starting at 11:30

11:30 – 12:20 Hyatt Buckeye B Grades 3-12, College

Condos and Contexts: Making Sense of Division with Fractions

This presentation details a lesson study enacted by a diverse group of teaches and teacher-educators involving division of fractional quantities. Participants will engage in examining the inventing meaningful models and contexts to promote understanding in this historically challenging area.

Speakers: James Stallworth, Amy Chalk, Matt Cohen, Shelly Harkness, Catherine Lane, and Jonathan Thomas, University of Cincinnati, Cincinnati, OH

11:30 – 12:20

Hyatt Buckeye A

Grades 6-9

Teaching Algebra by Going Beyond Tricks and Memorization

This session will look at a variety of topics in the Algebra curriculum that students typically struggle understanding. Learn helpful ways to teach topics like solving equations and the 3 dreaded “F’s” – Fractions, Functions and Factoring. Teach the “why” instead of the “tricks.”

Speaker: Kyle Jamison, Loveland High School, Monroe, OH

11:30 – 1:00

Hyatt Regency C

General

Using Sudoku in Your Mathematics Classroom

Tired of hearing that Sudoku puzzles aren’t about math? In this session, we will explore four different Sudoku variations (“Greater Than” Sudoku, Geometry Sudoku, Killer Sudoku, and KenKen) that can be used in support of many different mathematical concepts for your classroom. Come prepared with an open mind and a sharpened pencil.

Speakers: Jeffrey J. Wanko, Miami University, Oxford, OH
Benjamin Walker, Miami University, Oxford, OH

11:30 – 1:00

Hyatt Regency F

Grades K-2

"Environmental" Numbers

We see numbers all around in our environment: cardinal, ordinal, nominal. Bring them into the classroom for exploration! Discuss, discover, sort, and calculate... anything is possible with a collection of numbers and a group of curious children.

Speaker: Heidi Weber, Loveland Primary School, Loveland, OH

11:30 – 1:00

Hyatt Bluegrass A & B

Grades 3-5

Geometry Throughout the Year

This workshop will provide a wealth of lessons, problems, and extensions to supplement and enhance the teaching of geometry throughout the year. Topics include: Tangrams, cylinders, geometric puzzles, polyhedrons, line drawings, Escher’s formula, games and more!

Speaker: Frank Hatcher, Upper Arlington, OH

11:30 – 1:00

Hyatt Regency E

Grades 6-8

Fostering Spatial Visualization Ability through Hands-On and Technology-Based

Come and join us while we explore several hands-on middle school activities using manipulatives and technology to encourage visualization and recognition of relationships between two- and three-dimensional figures. Participants will be actively engaged and will be provided with detailed handouts.

Speaker: Shannon O.S. Driskell, University of Dayton, Dayton, OH
Suzanne R. Harper, Miami University, Oxford, OH

11:30 – 1:00

Hyatt Regency G

Grades 6-12

Frogs are Leaping

Origami frogs are leaping through multiple standards.

Speaker: Pam Petrusko, Hubbard High School, Hubbard, OH

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| Thursday Sessions Starting at 12:00 |
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12:00 – 12:50

Convention Center Room 250

Grades K-8

“Let’s Give Them Something to Talk About”

Are you tired of only hearing crickets chirping in your math classroom? One word responses? Seeing blank stares? Kick up your math classroom discussions with some easy to implement strategies. Strategies to promote classroom discussions for teachers and students.

Speakers: Mary Mitchell, Forest Hills School District, Cincinnati, OH
Carol Jurek, Dani Watkins and Amy Wettengel, Forest Hills School District

12:00 – 12:50

Convention Center Room 252

Grades 6-12

Modeling Mathematics with TI-Nspire

This presentation will provide many opportunities for teachers to use the TI Nspire handheld to solve mathematical modeling problems. Many activities will be provided as students discover the usefulness of mathematical modeling by solving problems in a variety of settings.

Speaker: Joanne Caniglia, Kent State University, Kent, OH

12:00 – 12:50

Convention Center Room 251

General

Recent Research on Mathematics Teaching and Learning

Themes will be identified and recently published research studies on mathematics teaching and learning will be summarized.

Speakers: Douglas T. Owens and Brian Morton, The Ohio State University, Columbus, OH

Thursday Sessions Starting at 1:00

KEYNOTE SPEAKER: Cathy Seeley

*Cathy Seeley has worked for over 35 years in education as a mathematics teacher, district mathematics coordinator, and state mathematics supervisor. From 1999 to 2001, she taught mathematics (in French) as a Peace Corps volunteer in Burkina Faso. Dr. Seeley served as President of the National Council of Teachers of Mathematics from 2004 through 2006. She is a senior fellow with the Charles A. Dana Center (University of Texas), working on state and national policy issues related to school mathematics. She is also the author of the 2009 book *Faster Isn't Smarter—Messages About Math, Teaching, and Learning in the 21st Century*.*

1:00 – 1:50

Hyatt Regency A

General

The Critical Role of Creativity and Innovation in the 21st Century Math Classroom

Many recommendations talk about 21st century skills, including problem solving, critical thinking, communication, and creativity. But what does it take to develop students who might come up with the next innovation in scientific fields, in the arts, in society? Let's discuss the development of creativity and whether innovation is a reasonable goal of school mathematics for EVERY student.

1:00 – 1:50

Convention Center Room 252

Grades 9-12

Portfolio Assessment

Students develop organization skills, learn about famous mathematicians (including African-American, female, and Latino mathematicians), do a lot of writing, work on non-conventional math problems, and get credit for correcting their tests and quizzes and parents see it all.

Speaker: Mark Jaffee, Lorain Admiral King High School, Lorain, OH

1:00 – 1:50

Convention Center Room 250

Grades 9-12

You're Never Done With Trig!

It is so important that students learn and internalize the basics of trigonometry (both right triangle and unit circle). Let's share ways to help them do just that. I'll go first...

Speaker: Carol Oberholtzer, Ashland High School, Ashland, OH

Thursday Sessions Starting at 1:30

1:30 – 3:00

Hyatt Regency G

Grades 9-12, College

Activities and Assessments in Introductory Statistics

Demonstration of three activities intended for introductory statistics classes that utilize hands-on learning. A method of assessing the activity that encourages ownership of the results will also be included. Topics include descriptive statistics, sampling methods, and discrete distributions.

Speaker: Jacqueline Wroughton, Northern Kentucky University, Highland Heights, KY

2:00 – 4:00

High School Teachers, you'll like what you see when you visit our Exhibitors in the Duke Energy Convention Center, Grand Ballroom B on Level 3. All are welcome!

Thursday Sessions Starting at 2:00

2:00 – 2:50

Hyatt Buckeye A

General

Have You Read a Good Math Book Recently?

We'll discuss using recent generalist Math related books for writing assignments for our students and for valuable professional development for ourselves. Please bring examples to share!

Speaker: Richard A. Little, Baldwin-Wallace College, Berea, OH

2:00 – 2:50

Hyatt Buckeye B

Grades 3-8

Analyzing Student Learning from OMAP Assessments

This session will focus on analyzing children's conceptualization of algebraic ideas as informed by pre and post-testing of OMAP participant and buddy teachers' students – grades 3-6.

Speakers: Genevieve Davis, Kent State University, Kent, OH
Trish Koontz and Sarah Koebley, Kent State University

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| Thursday Sessions Starting at 2:30 |
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2:30 – 3:20

Convention Center Room 250

General

The Forgotten Standard Provides Classroom CPR

Using students' curiosity, teachers can develop strategies to develop rich problems and engage students incorporating the Mathematical Processes (Communication, Representation, Connection, Problem Solving, and Reasoning and Proof). This presentation will use the framework of bridges (Beam, Cantilever, Suspension and Arch).

Speaker: Stephen W. Miller, Akron Public Schools, Ott Staff Development Center, Akron, OH

2:30 – 3:20

Convention Center Room 252

Grades K-5

Integrating Mathematical Problem Solving and the Reading Process

Just as in reading, students make sense of mathematical problems by first learning number concepts (basic facts and number sense). They also learn to approach mathematical situations (word problems) by analyzing and evaluating the problems before them, making connections to the analytical and self-monitoring strategies they use when reading.

Speaker: Doree Hyde, Madeira Elementary School, Cincinnati, OH

2:30 – 3:20

Convention Center Room 251

Grades 3-8

Distortion Detectives!

Students at young ages can visually detect when two figures are mathematically similar. So why do older students struggle with similarity? Come investigate this mystery and learn how distortion-detection can help students learn to reason about proportion and think multiplicatively.

Speaker: Dana Cox, Miami University, Oxford, OH

2:30 – 3:20

Hyatt Regency B

Grades 6-8

Middle School Activities that Go Deeper

The NCTM Focal Points curriculum calls for students to cover fewer math topics, but with more depth. Learn how to go narrower and deeper into middle school math by using stimulating questioning and engaging classroom activities.

Speaker: Nancy Thiele, Big Ideas Learning, LLC, Erie, PA

2:30 – 3:30

Convention Center Grand Ballroom B

Cathy Seeley will be available to sign copies of her book, *Faster Isn't Smarter--Messages About Math, Teaching, and Learning in the 21st Century* (2009).

2:30 – 4:00

Hyatt Regency E

General

Build Your Network: Let OCTM Be Your Bridge to Collaboration

Would you like to join a group of OCTM members from around Ohio who are interested in exploring a question about mathematics teaching and/or learning together? If so, come to this session to find out how these groups will be organized and how they will collaborate on an ongoing basis throughout the year.

Speaker: Kimberly Yoak, Ohio Council of Teachers of Mathematics, President

2:30 – 4:00

Convention Center Room 264

General

Using Ohio's Instructional Management System and Diagnostic Test Support Sites to Enhance Instruction

Educators will have the opportunity to navigate through Ohio's Instructional Management System (IMS) for grades Pre-K-12, as well as the State's Diagnostic Test Support site for grade K-3 teachers, and learn about different ways to utilize these sites to enhance classroom instruction and assessment.

Speaker: Julie Scarlato and Jenny Moeller, Hamilton County ESC, Cincinnati, OH

2:30 – 4:00

Convention Center Room 263

General

Have a Foldable® Day

Foldables® by Dinah Zike is an organizer all mathematics teachers need to know! Come learn who Dinah is and the basic folds. We'll also keep charts of how to use the different folds mathematically for all grade levels.

Speaker: Barb Weidus, Clermont County ESC, Batavia, OH

2:30 – 4:00

Hyatt Regency F

Grades K-8

Learning Mathematics through Music

This workshop requires no previous background in music! Using Cuisenaire Rods as a simple music notation system, participants will learn some of the basic mathematical structures of music as well as addition, subtraction, multiplication, and division. Fractions are foundational to music and mathematics.

Speaker: Robert E. Lee, Miami University, Oxford, OH

2:30 – 4:00

Hyatt Regency C

Grades 3-5

3D Geometry: Visualize It! Build It!

Motivate your students with Quick Images to increase spatial visualization skills. Experience hands-on, inquiry based activities that actively involve students in understanding properties of 3-D objects. Draw and build 2-D and 3-D shapes. Great handouts provided!

Speaker: Annemarie Mockler, Greenview Upper Elementary, South Euclid, OH

2:30 – 4:00

Hyatt Bluegrass A & B

Grades 6-12

PEER Teaching: An Inquiry Approach to Mathematics

Teaching math from a scientific lens encourages students to move beyond seeing mathematics as a language. PEER (Predict Explore Explain Reflect) guidelines provide an inquiry-approach to mathematics. In addition to involving participants in four activities, follow-up discussion will focus on turning nearly any mathematical topic into a PEER lesson.

Speakers: Jeffrey P. Smith, Otterbein College, Westerville, OH
Pre-service teachers from Otterbein College

Thursday Sessions Starting at 3:00

3:00 – 3:50

Hyatt Buckeye A

General

Celebrating Ohio Pioneers in Mathematics Education

Ohio has much to celebrate in mathematics education. In this session we will highlight 150 years of contributions by some leading Ohio mathematics educators, from Joseph Ray (1834) to Joe Crosswhite (1984).

Speaker: David Kullman, Miami University, Oxford, OH

3:00 – 3:50

Hyatt Buckeye B

Grades 3-5

Using Rich Problems to Enhance Understanding of Math

Rich problems can be used in math classrooms to provide students with an opportunity to apply math concepts to real-life situations.

Speaker: Deb Hogue, Kramer Elementary, Oxford, OH
Judy Meicenheimer, Marshall Elementary School, Oxford, Ohio

3:00 – 3:50

Convention Center Room 262

Grades 6-8

Smart Board Smorgasbord

Something for everyone, whether a novice or experienced user of the SmartBoard. Lessons will become as entertaining as they are educational. Learn how to include teacher generated PowerPoints, textbook/test generator software, and engage students with Jeopardy and interactive websites.

Speakers: David L. Bricker, Triway Junior High, Wooster, OH
David K. Hope, Vision Pro, Chagrin Falls, OH

Thursday Sessions Starting at 3:30

3:30 – 4:20

Hyatt Regency B

General

What Do We See? Using Observation to Improve Classroom Practice

Based on research examining observation patterns during field experiences, presenters will share a variety of literacy practices that strengthen pre-service teachers reflection and classroom practice. This interactive presentation will demonstrate multiple uses of observation in the mathematics classroom.

Speakers: Delane Bender-Slack, Xavier University, Cincinnati, OH
Teresa Young, Xavier University, Cincinnati, OH

3:30 – 4:20

Hyatt Regency G

Grades K-5

Investigating Investigations in Number, Data, & Space

In this session we will discuss the pedagogy attached to a standards-based math program such as Investigations. We will also look at the differences between classic Investigations and the Investigations revision. Participants will experience “hands-on” activities.

Speaker: Sharon Bennett, Pearson Education, Sandusky, OH

3:30 – 4:20

Convention Center Room 251

Grades 6-8

A Few of My Favorite Things

Here’s a session dedicated to middle school math! There will be engaging, student centered, hands-on activities for each of the five standards. Resources will be available and recommendations for integrating technology such as SmartBoard and N-spire calculators.

Speaker: Heather Wukelich, Austintown, Ohio

3:30 – 4:20

Convention Center Room 250

Grades 6-12

Making Every Minute Count!

I will demonstrate how teachers can make every minute count in their classroom. My methods require “on-task” learners, and some brainpower! When the teacher is a little “irrational” at times, it makes for a “complex” classroom for some “real” learning!

Speaker: Jacqui Lehmkuhl, Troy High School, Troy, OH

4:00 – 6:00

Convention Center Grand Ballroom B

GAMES EXTRAVAGANZA!

Relax, have fun and make new friends as you use logic and mathematics skills at our Games Extravaganza! Learn about games appropriate for your students. Snacks and beverages available too!

6:30 – 8:30

Hyatt Bluegrass A & B

OMELC FALL MEETING

Discussion will center on challenges facing Ohio's mathematics education leaders. Contact OMELC directly for registration information.