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Link and information coming soon!

SUMmit Schedule

Tuesday, June 9, 2026

1st Session 10:00-11:15 Eastern Time

1. Promoting Math Discourse with Math Language Routines
2. Fostering Mathematical Grit

2nd Session 11:30-12:45 Eastern Time

3. The Importance of “Math-ish” Answers: Building Number Sense in Middle School
4. Planning for Inquiry Based Learning

3rd Session 1:00-2:15 Eastern Time

5. Using Visual Models to Solve Real-World Problems
6. Intro to Problem String Routines

4th Session 2:30-3:45 Eastern Time

7. Data Isn't Just a Picture: Helping Students Think Critically About Data
8. Setting the Stage: Building a Mathematical Community



SUMmit Course Descriptions

Tuesday, June 9, 2026

Promoting Mathematical Discourse with Math Language Routines- Emily Kappel

Middle school math offers powerful opportunities for reasoning and discussion, yet many students struggle to communicate their thinking with academic language. Math Language Routines (MLRs) provide structured support for meaningful discourse, equitable participation, and deeper understanding—especially for multilingual learners. This interactive session explores practical ways to embed MLRs into middle school math instruction to strengthen sense-making across key content areas.

Fostering Mathematical Grit- Shannon Leasure

How do we help middle school students persist in math—without adding prep time? This interactive session shares high-leverage, low-prep moves that build mathematical grit before, during, and after instruction. Grounded in research by Jo Boaler and Carol Dweck, participants gain ready-to-use routines that normalize struggle and strengthen perseverance.

The Importance of “Math-ish” Answers: Building Number Sense in Middle School - Emily Kappel

What does number sense truly look like in a middle school classroom? Do students have it—and can they use it? This session explores how prompting students to generate “math-ish” (reasonable, estimated) answers before solving exactly can strengthen number sense. Participants will try practical, ready-to-use strategies that build flexible thinking, deepen understanding, and boost confidence in problem solving.

Planning for Inquiry Based Learning- Shannon Leasure

Explicit instruction is only as strong as the planning behind it. This session explores how intentional, focused planning leads to clearer modeling, purposeful examples, and stronger checks for understanding in math classrooms. Learn streamlined, high-impact planning moves that reduce overload, anticipate misconceptions, and make explicit instruction more effective and efficient. Join Shannon as she will choose a topic and lesson from a high quality instructional material and plan live how to enhance the instruction to meet the needs of our students without telling them how to think!

Using Visual Models to Solve Real-World Problems- Emily Kappel

In this session, educators will explore how visual models can help middle school students make sense of complex real-world word problems. Participants will learn how tools such as bar models, tape diagrams, tables, and simple graphs support students in organizing information, identifying relationships, and choosing effective solution strategies. Teachers will leave with practical strategies to help students move from words to visuals to equations—and ultimately to deeper mathematical reasoning.

Intro to Problem Strings- Shannon Leasure

Discover how problem string routines build number sense and procedural fluency in middle school math. In this session, you'll learn how to design and facilitate connected problem sequences that uncover misconceptions, address conceptual gaps, and strengthen flexible thinking—through quick, high-impact routines you can implement immediately.

Data Isn't Just a Picture: Helping Students Think Critically About Data- Emily Kappel

Are you looking for quick-hitting math tasks? Need something low prep, high engaging, low floor - high ceiling to hook your students and be ready to learn? After this session, you'll walk away with a handful of FREE activities you can rotate in and out of your lesson plans.

Setting the Stage: Building a Mathematical Community the First Week- BGSU Graduate

Researchers

They say the first week of class sets the tone for the entire year—and we couldn't agree more! In this session, we'll explore strategies to build a strong mathematical community for the first week of class. You'll leave with three types of activities, complete with explicit examples aimed to engage students, create discourse, and build community in your classroom.

SUMMING IT UP WITH DETAILS

+ DATE

June 9, 2026

10:00 AM - 3:45 PM ET

+ ONLINE EVENT

The MS Digital Math SUMmit will take place over the Zoom platform.

+ REGISTRATION

Registration fees for the MS Mathematics SUMmit are as follows:

- 1 day \$ 125

Price includes live attendance to four of eight offered sessions per day, course materials, access to digital takeaways, and recordings of all daily sessions until May 31, 2027.

+ CONFIRMATIONS

Confirmations with log-in instructions will be emailed **forty-eight hours before the SUMmit.**

+ CANCELLATION

Registrations are transferrable. Cancellations received at least 10 days in advance will receive a refund less a \$25 fee. No refunds within 10 days.

+ PROFESSIONAL DEVELOPMENT

Certificates of attendance will be issued for 12.5 hours of professional development per day to participants.

Certificates will be emailed out within a week of the conference.

click here for

ONLINE registration



ADD US TO YOUR SUMMER SCHEDULE

LEARNING. COLLABORATION. LOCATION.

INSTRUCTORS

Emily has 20+ years of experience in both the classroom and as a math coach/consultant. She has an enthusiasm for teaching math. With a certificate to teach math in grades 4-9 and having taught two years of Algebra I at the high school level and fifteen years of math at the elementary level, she knows the progression of the math standards across the grade levels.

She believes that "Math Talk", "Math Language", and conceptual understanding are key pieces missing in most math classrooms. Because of this, she has a passion for helping teachers embed these ideas into their lessons while spreading the word that math is everywhere in everyday life. Her emphasis is teaching audiences to make the shift from "How?" to "Why?" so students don't just "do" math for procedural understanding, but they show a deeper conceptual understanding which develops children to become mathematical thinkers. Emily's goals are to encourage teachers and students to THINK FREELY AND FLEXIBLY and to make learning math meaningful for both teachers and students.



My name is Shannon Leasure and I am the Director of Mathematics Instruction for the Ohio Valley Educational Service Center. With over 17 years of experience in the middle school/high school mathematics classroom coupled with 5 years of experience as a Mathematics Instructional Coach, I am so humbled to be able to continue my educational journey by serving our schools in the Ohio Valley! As an accomplished educator and former Ohio Council of Teachers of Mathematics Teacher of the Year, I have utilized many curriculum resources and my own personally created materials to deliver the most relevant, engaging content to my students from the inclusion level all the way to the most gifted in both rural and urban districts. Recently, I have been in an amazing role allowing me to empower and aid in the effectiveness of the mathematics instruction of educators ranging from 3rd grade to Algebra 1 concentrations.

As a classroom educator, instructional coach, and now Director of Mathematics Instruction, no matter the title, my goal remains to humbly aid in the growth of all individuals I have the privilege of working with; while also aiding others in developing a healthy growth mindset and confidence in their mathematics ability. Thank you for taking the time to learn about my past, I am very excited and grateful you will all be part of my future. If there is anything I can do to assist you, please feel free to contact me any time:

shannon.leasure@ovesc.org



ADD US TO YOUR SUMMER SCHEDULE

LEARNING. COLLABORATION. LOCATION.

INSTRUCTORS



Meet Ashley, DeNae, Erin, and Oliver. They are all graduates of BGSU's AYA Math Education program and recently earned their Master of Education in Curriculum and Teaching. As emerging educators entering their first year in the classroom, they bring fresh perspectives, current research, and a strong passion for student-centered learning.

This team offers specialized skills, including College Credit Plus (CCP) and classroom technology endorsements. One of our presenters, Ashley, also serves on the board of the Ohio Council of Teachers of Mathematics, bringing valuable

leadership and insight into current trends in math education.

They are committed to fostering meaningful mathematical experiences by emphasizing conceptual understanding, student engagement, and the effective integration of technology. Their goal is to support educators in creating classrooms where students think critically, communicate mathematically, and see the relevance of math in everyday life.