

8:00–9:00 AM

12.1 Open Questions, Open Minds



General Interest Exhibitor Workshop

CONTENT LEVEL: Intermediate
Seattle Convention Center, 612

Join us for this interactive workshop on open questions and discover how open questions help all students find a seat at the math table. You'll learn how to create and implement open questions to build on that innate curiosity, giving it an openness to grow and flourish. Light breakfast will be provided.

Presenter: Heather Sander

Savvas Learning Company, Paramus, New Jersey

8:00–9:00 AM

12.2 NBA Math Hoops – Creating the Next Math Champion



6–8 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

NBA Math Hoops leverages the game of basketball and the NBA/WNBA brands to build fundamental math and social-emotional skills through a basketball-themed board game, curriculum, and community program experience. Designed for students in grades 4-8, this free program strengthens important skills including self-regulation and executive functions.

Learn Fresh, Philadelphia, Pennsylvania

9:30–10:30 AM

36.1 Enhancing Mathematical Instruction with Models and Manipulatives in Elementary Math (K–6)



3–5 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

Students learn best as they verbalize and discuss mathematical thinking through the use of manipulatives. Come explore how students can work collaboratively and transform their learning through the Concrete, Pictorial/Representational, and Abstract (CPA/CRA) approach by using models and manipulatives in classrooms.

STEMscopes Math & Math Nation, Houston, Texas

9:30–10:30 AM

36.2 Introduction to Bridges in Mathematics Third Edition



Coaches/Leaders/Teacher Educators Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 612

The Math Learning Center develops student-centered K–5 materials based on visual models and problem solving. Bridges in Mathematics Third Edition was created with equity in mind so students have choices, feel included, and can be heard. See how our relevant, open-ended tasks support student sensemaking and develop positive math identities.

The Math Learning Center, Salem, Oregon

11:00 AM–12:00 PM

60.1 Watson, I Have Found the Missing Link! Let Me Draw You a Picture! (K–5)



PreK–2 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

So, you invested time modeling with manipulatives, move to formal algorithms and students still make the same errors. This interactive session will reveal the missing link between manipulatives and formal symbolic algorithms. Focus will be on Addition and Subtraction.

STEMscopes Math & Math Nation, Houston, Texas

11:00 AM–12:00 PM

60.2 Help Students Get Regular Exercise for Their Math Brains with Daily Practice in XtraMath



3–5 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 612

Attention K6 Math Educators! Your students need to develop math fact fluency, but “Mad Minutes” isn’t fun, requires grading, are undifferentiated, and offer no insight into specifically where students struggle. With XtraMath, each student gets a personalized daily exercise, based on spaced repetition and the zone of proximal development.

XtraMath, Seattle, Washington



Fostering Belonging and Value for All Students through Instructional Practices and Systemic Initiatives



Valuing Students' Authentic Funds of Knowledge to Enhance Deep Mathematical Learning and Belonging



Improving Students' Sense of Value and Belonging through Assessment



Using Innovative Technology to Enrich Students' Value and Sense of Belonging in Mathematics



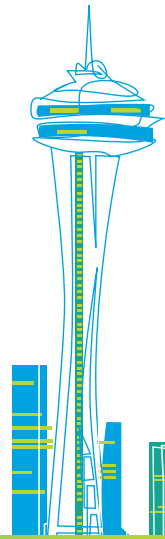
Eliminating Barriers to Inspire Creative Pathways Rooted in Students' Authenticity, Value, and Sense of Belonging in Mathematics



Developing Effective Advocacy Practices to Affect Students' Sense of Value and Belonging within Mathematics



Exhibitor Workshop



Thursday Afternoon

EXHIBITOR WORKSHOPS

1:00–2:00 PM

84.1 Let's Get Physical... With Mathematics



10–12 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

Engaging students through hands-on explorations is a powerful way to facilitate the connection of ideas. Join us as we engage with data collection activities that can bring everyday mathematics to life and shed light on the underlying mathematical concepts.

Texas Instruments, Sachse, Texas

1:00–2:00 PM

84.2 Derivita 101: Your Math Classes Reimagined with Derivita



10–12 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 612

In this session you will see Derivita's math test bank with 100,000+ math test items, SpotCheck -a real-time assessment tool, the ability to deliver automated and targeted feedback, the process of automated grading for free-response questions and more!

Be prepared to participate for the chance to win a Derivita swag box!

Derivita, Salt Lake City, Utah

2:30–3:30 PM

108.1 Mathematical Problem Solving for All Students (K–5)



3–5 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

Teaching students to reason and problem solve is the cornerstone of quality math instruction. This session will highlight several engaging strategies such as Three Reads, Numberless Word Problems, and more that will provide multiple entry points for all students to engage in the math and ignite a passion for problem solving in your classroom!

STEMscopes Math & Math Nation, Houston, Texas

2:30–3:30 PM

108.2 Sparking Mathematical Curiosity and Conversation with Desmos



6–8 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 612

For students to see themselves as mathematicians, they need to see math as a worthwhile pursuit worthy of engaging in discussion. When combined with best practices, technology such as Desmos can support students in identifying meaningful mathematical concepts and create a more inclusive classroom by sparking mathematical curiosity (NCTM, 2018).

Amplify Education, Brooklyn, New York

4:00–5:00 PM

132.1 Be Inspired With CPM's New Curriculum Inspiring Connections!



10–12 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

CPM has taken the latest research and created a new curriculum, Inspiring Connections. The innovative multimodal course fosters a more dynamic learning experience for students, featuring increased mobility, exposure to diverse perspectives, and enhanced ownership of their education. Students will utilize technology and print in tandem.

CPM Educational Program, Elk Grove, California

4:00–5:00 PM

132.2 Intervention That Works: Using Kickstart: Number Sense Brings Joy to Math & Students to Grade Level



PreK–2 Exhibitor Workshop

CONTENT LEVEL: Intermediate
Seattle Convention Center, 612

Number Sense is the key to many core math skills, yet teachers don't often have time to provide intervention to those who need it most. Kickstart: Number Sense is a small-group 60-day program written by a teacher and can be implemented right away. At NCTM, we are unveiling the brand-new 3rd Grade program! Join our session to get a sneak peek.

Zaner-Bloser, Columbus, Ohio



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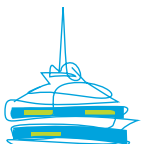
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Exhibitor Workshop



8:00–9:00 AM

157.1 An All-Access Pass to Meaningful Math



General Interest Exhibitor Workshop

CONTENT LEVEL: Intermediate
Seattle Convention Center, 612

Let's investigate open tasks that invite all students into the math. Discover how to incorporate the 5 Practices for Orchestrating Productive Math Discussions by Smith and Stein (2nd edition) in your classroom with ease and have some fun while we are at it. Light breakfast will be provided.

Presenter: Jenna Harden

Savvas Learning Company, Paramus, New Jersey

8:00–9:00 AM

157.2 MLB Players STEM League - Creating the Next Math Champion



6–8 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

In partnership with the MLB Players Trust, MLB Players STEM League is a baseball-inspired program for students in grades 4-8. The program brings to life the energy of the sport through a board game and curriculum that cultivate students' math and social-emotional skills by helping youth build new skills, confidence, and a passion for learning.

Learn Fresh, Philadelphia, Pennsylvania

9:30–10:30 AM

180.1 Using Manipulatives and Models in Middle and High School Math (6–12)



6–8 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

Teachers will engage with a variety of manipulatives and models from middle school and high school. Teachers will receive instruction on how to use the manipulatives and have a multi-targeted practice opportunity with each of the manipulatives. The facilitator and participants will discuss how to use these manipulatives and models.

STEMscopes Math & Math Nation, Houston, Texas

9:30–10:30 AM

180.2 Same and Different: What's New in Bridges in Mathematics Third Edition



Coaches/Leaders/Teacher Educators Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 612

The Math Learning Center develops student-centered K–5 materials based on visual models and problem solving. Join us to see how our latest curriculum, Bridges in Mathematics Third Edition, expands representation, increases engagement, and includes relevant, open-ended tasks that support sensemaking and develop positive math identities.

The Math Learning Center, Salem, Oregon

11:00 AM–12:00 PM

204.1 Productive + Struggle = Student Success in Mathematics (K–5)



3–5 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

Are your math students hesitant when presented with challenging tasks? Do they wait for you to rescue them at the first signs of struggle? Discover the value of productive struggle and explore key components essential to building a classroom that fosters grit and perseverance.

STEMscopes Math & Math Nation, Houston, Texas



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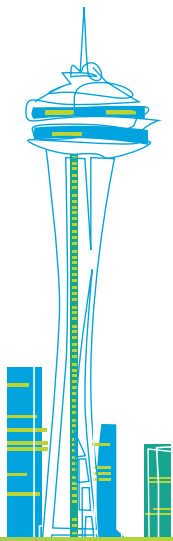
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Exhibitor Workshop



11:00 AM–12:00 PM

204.2 Math in Action: Enhancing Math Communities and Team Building (Grades 6–12)



Coaches/Leaders/Teacher Educators Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 612

Explore real-world authentic math tasks that offer students opportunities to apply mathematical concepts and techniques in everyday situations. Mathematics goes beyond numbers and formulas; it's a powerful tool for real-world situations. Practical math projects not only helps apply math to the real world, but also improves their critical thinking.

Imagine Learning, Scottsdale, Arizona

11:00 AM–12:00 PM

204.3 The Power of Implementing Belonging Interventions in Secondary Mathematics



Coaches/Leaders/Teacher Educators Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 611

Belonging interventions have become ubiquitous in K-12 schools throughout the U.S., with a particular emphasis on social belonging. Building on the research of Drs. Catherine Goode, Josh Aronson, and others, we will discuss disciplinary (mathematical) belonging and how it leads to increased gains - and joy - for students in math.

Derivita, Salt Lake City, Utah



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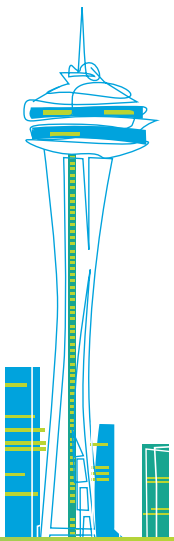
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Exhibitor Workshop



Friday Afternoon

EXHIBITOR WORKSHOPS

1:00–2:00 PM

227.2 **Playing With Quadratics in Standard Form and Other Curiosities**



10–12 Exhibitor Workshop

CONTENT LEVEL: In-Depth
Seattle Convention Center, 303

How can we engage our students in the beauty and wonder of mathematics? Often, we explore math in unusual places. But what about the puzzles that lie within mathematics itself? Come dive into interesting relationships within the world of Quadratics.

Texas Instruments, Sachse, Texas

1:00–2:00 PM

227.3 **K–5 Teacher Imagine Learning Illustrative Mathematics “Make and Take” Math Center Workshop**



Coaches/Leaders/ Teacher Educators Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 612

See how hands-on learning will increase engagement, the use of math process skills, and your students' ability to build computational fluency. Let's put our students at the “center” of your math classrooms! Leave with complete grade-math centers to use the very next day in your classroom.

Imagine Learning, Scottsdale, Arizona

2:30–3:30 PM

251.1 **Ratios, Rates, and Percents, Oh My! (6–8)**



6–8 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 303

The study of ratios and proportional relationships begins in the 6th grade and is an integral foundation for the study of functions. In this hands-on inquiry-based session, participants will build a personal toolbox of effective problem-solving strategies that address ratio reasoning. We will feature double number lines, tape diagrams, and tables.

STEMscopes Math & Math Nation, Houston, Texas

2:30–3:30 PM

251.2 **No More Mad Minutes! XtraMath Is a Better Way to Build Fact Fluency Than Timed Math Drills**



PreK–2 Exhibitor Workshop

CONTENT LEVEL: Introduction to the Topic
Seattle Convention Center, 612

Attention K6 Math Educators! Your students need to develop math fact fluency, but “Mad Minutes” isn't fun, requires grading, are undifferentiated, and offer no insight into specifically where students struggle. With XtraMath, each student gets a personalized daily exercise, based on spaced repetition and the zone of proximal development.

XtraMath, Seattle, Washington



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Exhibitor Workshop

