

Thursday Morning Exhibitor Workshops

8:00 a.m.–9:00 a.m.

13.2 Building Math Fluency Routine for Grades K-5

3–5 Exhibitor Workshop

✓ Baltimore Convention Center, 336

Build a math fluency routine that develops number sense and efficiency, flexibility, and accuracy with operations. We'll experience how number strings and math talks can increase your students' confidence in mathematics with hand2mind's Daily Math Fluency program. A sample of program provided and enter to win a Daily Math Fluency kit.

hand2mind, Inc., Vernon Hills, Illinois

9:30 a.m.–10:30 a.m.

37.1 I Gotta Do This With My Kids!

8–10 Exhibitor Workshop

✓ Baltimore Convention Center, 336

Check out the powerful ways students can be engaged using TI-84 Plus CE graphing technology as an exploration tool. We will explore many ideas for using graphing technology as a tool for exploring concepts that are tough to teach and tough to learn. Come learn some new strategies for incorporating graphing technology into your classroom.

Texas Instruments, Sacsh, Texas

9:30 a.m.–10:30 a.m.

37.2 Ratios, Rates, and Percents, Oh My!

6–8 Exhibitor Workshop

✓ Baltimore Convention Center, 345 - 346

The study of ratios and proportional relationships begins in the 6th grade and is an integral foundation for the study of functions, which continues through high school and beyond. In this hands-on inquiry-based session, participants will build a personal toolbox of effective problem-solving strategies that address ratio reasoning.

STEMscopes by Accelerate Learning, Houston, Texas

9:30 a.m. - 10:30 a.m.

37.3 Igniting Students' Agency and Identity with Magma

Coaches/Leaders/Teacher Educators Exhibitor Workshop

▲ Baltimore Convention Center, 328

We will engage with math tasks and experience how Magma Math supports student discourse by enabling teachers to monitor, select, sequence, and connect students' solutions. We will see how teachers can monitor progress and see student thinking in real-time while students see their own ideas valued and made visible while getting immediate feedback.

Magma Math, New York, New York

11:00 a.m.–12:00 p.m.

61.1 An All-Access Pass to Meaningful Math

Coaches/Leaders/Teacher Educators Exhibitor Workshop

✓ Baltimore Convention Center, 345 - 346

Utilizing rich open tasks that allow for equitable engagement does not need to be intimidating. This session will support the active equity and engagement of all students by working with low floor, high ceiling activities that allow for meaningful mathematical involvement. Presenter: Raul Gonzalez, Savvas Learning Co.

Savvas Learning Company, Paramus, New Jersey

11:00 a.m.–12:00 p.m.

61.2 Solving2Succeeding: Building Problem Solvers for Tomorrow (Grades K-5)

3–5 Exhibitor Workshop

✓ Baltimore Convention Center, 336

Focus on building students' problem solving and critical thinking skills with a progressing series of problems aligned to key math skills that allows students to successfully solve and understand multistep problems in any situation! Example lesson provided and enter to win a grade level of your choice Hands-On Standards Daily Problem Solving Kit. Exhibitor Workshop

hand2mind, Inc., Vernon Hills, Illinois

11:00 a.m.–12:00 p.m.

61.3 The Mathspace Learning Ecosystem—Check, Teach and Learn

6–8 Exhibitor Workshop

🏠 Baltimore Convention Center, 328

Our vision at Mathspace is to be an all-in-one resource that helps teachers teach and students become thinkers and doers of mathematics. Whether you use Mathspace right now or want to hear more, join our workshop to learn more about how to implement this powerful tool in 3 quick steps.

Mathspace, New York, New York



Ignite Your Awareness: Integrating Social-Emotional and Academic Learning



Ignite Your Community: Partnering to Plan and Support Success for Students



Ignite Students' Engagement with the Mathematical Practices: Promoting Joy in the Classroom



Ignite Your Power: Lifting Up Each and Every Person



Ignite Student Learning: Capitalizing on the Formative Assessment Process

Thursday Afternoon Exhibitor Workshops

1:00 p.m.–2:00 p.m.

85.1 Building A Math Fluency Routine for Grades 6-8

6–8 Exhibitor Workshop
Baltimore Convention Center, 336

How can you build a math fluency routine that develops number sense and efficiency, flexibility, and accuracy? We'll experience how number strings and math talks can increase your students' confidence in mathematics with hand2mind's Daily Math Fluency program. A sample of program is provided and enter to win a grade level Daily Math Fluency Kit.

hand2mind, Inc., Vernon Hills, Illinois

2:30 p.m.–3:30 p.m.

109.1 Exploring Computational Thinking and Coding in Math Class

8–10 Exhibitor Workshop
Baltimore Convention Center, 336

Coding is a skill that is in high-demand for STEM careers. But how does computational thinking connect to the big ideas in my math class? See how to use this different representation of mathematics to promote critical thinking and boost engagement in your algebra classes. No prior programming experience is required.

Texas Instruments, Sacshe, Texas

4:00 p.m.–5:00 p.m.

131.1 Using Manipulatives to Build Conceptual Understanding- Grades 6-8 + Algebra

6–8 Exhibitor Workshop
Baltimore Convention Center, 336

Explore how to help deepen student understanding and build conceptual understanding using hands-on lessons for grades 6-8 and Algebra. These are standards-aligned lessons, involving manipulatives, that are engaging and easy to implement in whole class and small group. Example lesson provided and enter to win a Hands-On Standards Program.

hand2mind, Inc., Vernon Hills, Illinois



Ignite Your Awareness: Integrating Social-Emotional and Academic Learning



Ignite Your Community: Partnering to Plan and Support Success for Students



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Friday Morning Exhibitor Workshops

9:30 a.m.–10:30 a.m.

180.1 Doing Problems that Matter in Math Class

8–10 Exhibitor Workshop
Baltimore Convention Center, 336

Too often, students become disengaged when we focus on answer getting and procedures. How can we open their eyes to see where math can help answer questions that actually matter in daily life? We'll see how investigating messy, real world problems with the help of technology engages students in meaningful mathematics and taps into their curiosity.

Texas Instruments, Sacshe, Texas

9:30 a.m.–10:30 a.m.

180.2 Teaching Problem Solving to All Students

3–5 Exhibitor Workshop
Baltimore Convention Center, 328

Teaching students to reason and problem solve is the cornerstone of quality math instruction. We will highlight several engaging strategies such as Three Reads and Numberless Word Problems that will provide multiple entry points for students to engage in math.

STEMscopes by Accelerate Learning, Houston, Texas

11:00 a.m.–12:00 p.m.

204.1 K-5 Manipulatives + Real-Time App Feedback = Success with Owlet Math Tools, featuring Dr. Tom Lauwers

Coaches/Leaders/Teacher Educators Exhibitor Workshop
Baltimore Convention Center, 336

Developed as part of a 5-year NSF-funded research study, Owlet Math Tools engage students in illustrating operations, writing math equations, & modeling fractions & place value. Manipulatives combine with digital apps to make abstract math concrete. Get hands-on with us & learn how these brand-new tools provide safe, fun, & interactive exploration!

BirdBrain Technologies, Pittsburgh, Pennsylvania

11:00 a.m.–12:00 p.m.

204.2 Mathspace: A Place for Every Student to Feel Empowered in Mathematics

8–10 Exhibitor Workshop
Baltimore Convention Center, 328

Math is so much more than right and wrong answers. Empower your students to take ownership of their mathematical journey through our StepSmart technology and continuous assessment. Our technology provides immediate step by step feedback combined with hints and videos to help your students make mistakes fearlessly. And it's Free!

Mathspace, New York, New York



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Friday Afternoon Exhibitor Workshops

1:00 p.m.–2:00 p.m.

228.1 Leveraging Computer Algebra Systems as a Tool for All Students to Explore Mathematics



8–10 Exhibitor Workshop

Baltimore Convention Center, 336

What if there was a technology tool that could make exploring mathematical properties, patterns, and relationships into inquiry activities? Join us as we explore examples from Algebra through Calculus that demonstrate using CAS as a tool for discovery. Bring a laptop to download free software and create lessons in this “make and take” session.

Texas Instruments, Sacshe, Texas

2:30 p.m.–3:30 p.m.

251.1 Break the Forgetting Cycle with Get More Math! Josh Britton shares Long-term Retention Strategies.



6–8 Exhibitor Workshop

Baltimore Convention Center, 336

By the end of the school year, students have already forgotten many of their hard-won math concepts. How can we break the forgetting cycle and make math stick? In this session, veteran math teacher Josh Britton will share his proven model for driving long-term retention through use of Get More Math software.

Get More Math!, Sonora, California

2:30 p.m.–3:30 p.m.

251.2 Solving the Fractions Problem: From Research to Classroom



3–5 Exhibitor Workshop

Baltimore Convention Center, 328

Fractions knowledge by grade 5 uniquely predicts success in higher mathematics. Yet, tests show that it’s a struggle for many from grade 3 on. Fortunately, new research is finding instructional strategies that work. Join us to explore how applying an adaptive, game-based technology can help more students succeed.

ExploreLearning, Charlottesville, Virginia



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