

Thursday Morning Exhibitor Workshops

8:00 a.m.–9:00 a.m.

22.1 One Task, Many Ways to Solve


 **PreK–2 Exhibitor Workshop**
LA Convention Center, 513

In this session, we focus on a classroom routine that explores multiple approaches to solving a given problem. This lesson helps teachers differentiate as well as make connections between current learning and prior learning. By employing various methods, students use creative thinking and listening to iterate ideas offered by their peers.

Think! Mathematics, Neptune Beach, Florida

8:00 a.m.–9:00 a.m.

22.2 What Does Problem-Based Learning Unlock for Students? Presented by Kristin Gray


 **General Interest Exhibitor Workshop**
LA Convention Center, 510

Problem-based math instruction helps teachers set the stage for memorable learning experiences and transfer the responsibility for the learning to students. Doing so helps develop students' problem-solving and reasoning skills. Learn how this type of instruction engages all students in grade-level math, every day.

Amplify, Brooklyn, New York

8:00 a.m.–9:00 a.m.

22.3 CATS CATS CATS: Using Math and MATLAB to Model Stray Cats


 **10–12 Exhibitor Workshop**
LA Convention Center, 514

We'll discuss (unspayed) cats and overpopulation to demonstrate the math modeling process with computing tools like MATLAB. Open-ended problems are a hallmark of M3 Challenge (ex: modeling substance abuse, value of STEM degree, optimum recycling strategy, placing internet cell towers, more). Free resources and participation prizes for attendees.

MathWorks Math Modeling Challenge, a program of SIAM, Philadelphia, Pennsylvania

9:30 a.m.–10:30 a.m.

57.1 Break the Forgetting Cycle with Get More Math! Josh Britton Shares Long-term Retention Strategies


 **General Interest Exhibitor Workshop**
LA Convention Center, 512

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

9:30 a.m.–10:30 a.m.

57.2 Hands-On Manipulatives + Real-Time App Feedback = An Equation for Success with Owllet Math Tools


 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, 514

Developed as part of a 5-year NSF-funded research study, Owllet's two manipulatives, Glow and Cube, combine with digital apps to make abstract math concrete for grades K-5. Get hands-on with us and learn how these brand-new manipulatives can provide safe, fun, and interactive explorations of math concepts for your students.

BirdBrain Technologies, Pittsburgh, Pennsylvania

9:30 a.m.–10:30 a.m.

57.3 How to Put the “Productive” into the “Struggle” in the Math Classroom


 **3–5 Exhibitor Workshop**
LA Convention Center, Exhibit Hall 1

Join us in diving through the process of productive struggle. Help students face problems in math and develop grit and creative problem solving techniques. Learn how to provide your students with opportunities to share their reasoning and celebrate the different ways of thinking.

STEMscopes, Houston, Texas








9:30 a.m.–10:30 a.m.

57.4 No More “I’m not a math person”: How Your Students Can Gain Fluency and Confidence in Math

 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, 510

Everyone learns in different ways and IXL has everything you need to make math more approachable for a variety of learners. Through an easy-to-use, all-inclusive platform, IXL provides a robust K-12 math curriculum and instructional resources, actionable analytics, and a state-of-the-art assessment suite. Join us to learn how you can uncover hidden

IXL Learning, San Mateo, California

-  Broaden the Purposes of Learning Mathematics
-  Create Equitable and Anti-Racist Structures in Schools and Systems
-  Develop Deep Mathematical Understanding
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-  Position Assessment to Promote Equitable Practices and Support Student Learning
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-  Teach Equity-Centered Mathematics by Attending to Social-Emotional Learning

Thursday Morning Exhibitor Workshops

9:30 a.m.–10:30 a.m.

57.5 Effectively Incorporating the 5 Practices into Daily Math Instruction


 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, 513

Promoting productive conversations between students and teachers is essential to success in a problem-based classroom. The 5 Practices for Orchestrating Productive Mathematical Discussions can be used to build a class community where students enjoy math and make connections. Attendees will learn how to guide discourse and synthesize understanding.

Imagine Learning, Scottsdale, Arizona

9:30 a.m.–10:30 a.m.

57.6 Make Them Laugh: Using Humor in Math Class


 **3–5 Exhibitor Workshop**
LA Convention Center, Exhibitor Workshops Theatre 2

One of the key challenges of digital math products is around student engagement. The best content and pedagogy can still fail to connect to student learning for many reasons. One of the main reasons is due to the disconnect between classroom math and real life. This project seeks to address those pain points through a key element: adding humor into

Alef Education, Ashburn, Virginia

11:00 a.m.–12:00 p.m.

93.1 An All Access Pass to Meaningful Math

 **3–5 Exhibitor Workshop**
LA Convention Center, 512


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: Kurt Whited

Savvas Learning Company, Paramus, New Jersey

11:00 a.m.–12:00 p.m.

93.2 Assess Yourself: An Interactive Discussion on Mastery and Innovative Approaches to Assessment


 **8–10 Exhibitor Workshop**
LA Convention Center, 510

The best part of a math conference is learning from our peers. Join us for an interactive session where we'll discuss the meaning of mastery and share experiences and best practices when it comes to assessing learning. You'll also get a sneak peak at the latest innovation in digital continuous assessment resources!

Mathspace, New York, New York

11:00 a.m.–12:00 p.m.

93.3 Exploring Computational Thinking and Coding in Math Class


 **10–12 Exhibitor Workshop**
LA Convention Center, 514

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, Sachse, Texas

11:00 a.m.–12:00 p.m.

93.4 Leveraging Rich Prompts to Drive Mathematical Discourse for Multilingual Learners (MLLs)


 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, Theater 2

Explore how MLLs can leverage newly-learned language and math concepts to participate more meaningfully in grade-level math discourse. With Ellevation Math, educators can support students in exercising the authentic academic language functions of inform, explain, and argue through prompts that encourage communication and idea building.

Ellevation, Boston, Massachusetts

11:00 a.m.–12:00 p.m.

93.5 Success is in the Numbers: Building Fact Fluency on a Foundation of Number Sense


 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, 513

Learn how to systematically build basic fact fluency based on number sense and strategies. This presentation will explain the concepts behind fact fluency. With an approach based on establishing facts and then evolving those facts from short to long-term memory, students will be engaged and motivated to learn their basic math facts.

Legends of Learning, Washington, District of Columbia








11:00 a.m.–12:00 p.m.

93.6 The Concrete-Pictorial-Abstract Approach to Learning Mathematics

 **3–5 Exhibitor Workshop**
LA Convention Center, Theater 2

We focus on an approach that is an essential feature of mathematics learning in Singapore based on Bruner's theory on representations. In this session, teachers use fraction ideas to embed abstract concepts through activities that students manipulate in connecting the concrete with the symbolic meaning.

Think! Mathematics, Neptune Beach, Florida

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Thursday Afternoon Exhibitor Workshops

1:00 p.m.–2:00 p.m.

121.1 Math Moments: Harnessing Fun to Build Grit and Understanding

 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, 512

Math can be fun and challenging! Using game-based learning, see how students persevere through challenges and are self-motivated to advance through harder math concepts.

Legends of Learning, Washington, District of Columbia

1:00 p.m.–2:00 p.m.

121.2 NBA Math Hoops: Creating the Next Math Champion!

 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, 513

NBA Math Hoops leverages the game of basketball and the NBA/WNBA to engage students with math and social-emotional learning skills through a digital/physical board game, curriculum, mobile app, and community program. The presentation will detail all aspects of the program experience. All resources are completely free of cost for educators.

Learn Fresh, Philadelphia, Pennsylvania

1:00 p.m.–2:00 p.m.

121.3 The Solution: The Secret to Hardwiring Math Learning


 **General Interest Exhibitor Workshop**
LA Convention Center, Exhibit Hall 1

Join us as we uncover a strategy for creating deep and lasting mathematical understanding for all students: solutions! We'll show you how written solutions bring together vocabulary, representations, and calculations, creating neural networks between three vital regions of the brain. Participants will receive tools to get started right away.

Exemplars, Underhill, Vermont

1:00 p.m.–2:00 p.m.

121.4 What's the Point of Mathematics? Presented by Philipp Legner

 **General Interest Exhibitor Workshop**
LA Convention Center, 510

While useful in science and engineering, the real value of making every student learn mathematics are skills like creativity, problem-solving, critical thinking, and logical reasoning. In this talk, we will explore how these skills can be brought into more classrooms, and how our curriculum needs change to be more relevant to what students need.

Amplify, Brooklyn, New York

1:00 p.m.–2:00 p.m.

121.5 Doing and Talking STEM

 **General Interest Exhibitor Workshop**
LA Convention Center, 514

In this session, participants will discuss strategies to support STEM classroom experiences that position all students as thinkers and problem-solvers. Participants will also reflect on peer experiences as they consider their own implementation of ideas that ensure the inclusion of all learners in authentic STEM focused tasks.

Imagine Learning, Scottsdale, Arizona








1:00 p.m.–2:00 p.m.

121.6 Nearpod Math in the Elementary Classroom

 **3–5 Exhibitor Workshop**
LA Convention Center, Exhibitor Workshop Theatre 2

Nearpod Math, our new supplemental K-8 math program, provides the content, organization and exclusive tools teachers need to maximize student learning and engagement. In this session, you will learn how to use Nearpod Math to strengthen your mathematics teaching practices while building student confidence and understanding.

Nearpod, Dania Beach, Florida

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Thursday Afternoon Exhibitor Workshops

2:30 p.m.–3:30 p.m.

157.1 Be inspired with CPM’s New Curriculum Inspiring Connections!



10–12 Exhibitor Workshop

LA Convention Center, Exhibit Hall 1

CPM has taken the latest research and created a new curriculum, Inspiring Connections. Learners will experience more movement, more opportunities to hear a variety of perspectives, and more ownership of their learning in this bi-media course. Students utilize technology and print in tandem, in a student-centered, problem-based classroom.

CPM Educational Program, Elk Grove, California

2:30 p.m.–3:30 p.m.

157.2 Classroom Practices that Respect ALL Learners and Ensure Everyone Has a Voice



PreK–2 Exhibitor Workshop

LA Convention Center, Exhibit Hall 2

When we ask children to notice (What do YOU see?) and describe in their own words (Say or Show), everyone is successful, and everyone belongs. This removes barriers and maximizes learning. Kathy Richardson and Sue Dolphin share ways to make this happen with every child in the class by shifting interactions during number talks and independent work.

Didax Inc, Rowley, Massachusetts

2:30 p.m.–3:30 p.m.

157.3 Exploring Function Transformations



10–12 Exhibitor Workshop

LA Convention Center, 514

Provide your students the opportunity to explore and discover the effects changing parameters has on a parent graph. We will utilize the graphing feature and the transformational graphing app on the TI 84 Plus CE to help your students build a conceptual understanding of transformations.

Texas Instruments, Sachse, Texas

2:30 p.m.–3:30 p.m.

157.4 Routines Don’t Have To Be Routine



3–5 Exhibitor Workshop

LA Convention Center, 512

Classrooms are full of students with diverse backgrounds and varying levels of prior education. Explore a variety of daily routines and teaching strategies focusing on the “not-so-simple” skills of counting and building number sense and work through concepts essential to foundational mathematics.

Presenters: Jaime Hill & Chris D’Erasmus

Savvas Learning Company, Paramus, New Jersey

2:30 p.m.–3:30 p.m.

157.5 Solving the Fractions Problem: From Research to Classroom



3–5 Exhibitor Workshop

LA Convention Center, 510

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 has revealed instructional strategies that work. Join us to explore how applying an adaptive, game-based technology can help more students succeed.

ExploreLearning, Charlottesville, Virginia

2:30 p.m.–3:30 p.m.

157.6 The POWER of SEL and Grit in the Math Classroom by Dr. India White



Coaches/Leaders/Teacher Educators Exhibitor Workshop

LA Convention Center, 513

Dr. India White, Big Ideas Learning author and Florida Council of Teachers of Mathematics Equity and Access Chair, presents “The POWER of SEL and Grit in the Math Classroom.” This session will feature strategies teachers can use to incorporate SEL and grit in their classroom in a way that produces measurable results.

Big Ideas Learning, Erie, Pennsylvania

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Thursday Afternoon Exhibitor Workshops

4:00 p.m.–5:00 p.m.

191.1 Developing Numerical Reasoning with Routines, Tasks, and Games

3–5 Exhibitor Workshop

LA Convention Center, 513

Numerical reasoning is at the heart of the elementary math curriculum. Join us to experience routines, open tasks, and games that support the trajectory of student learning toward reasoning and numerical flexibility. You'll gather content and strategies that enhance instruction and deepen student learning.

Heinemann Publishing, Portsmouth, New Hampshire

4:00 p.m.–5:00 p.m.

191.2 Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST)

10–12 Exhibitor Workshop

LA Convention Center, 512

The President of the United States recognizes outstanding individuals who teach science, technology, engineering, or mathematics (STEM) on the K-12 grade level and bestows upon them the Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST). Come meet past awardees and hear about how to apply for this prestigious award.

National Science Foundation, Alexandria, Virginia

4:00 p.m.–5:00 p.m.

191.3 Inclusive R&D: How Educators Can Impact New Math Products

General Interest Exhibitor Workshop

LA Convention Center, Exhibit Hall 1

It's time for math education materials to be developed by and for educators and students! Come see how educators, students, researchers, and developers have collaborated to shape new math products that focus on executive function skills and equity. Participants will engage in activities to learn how they and their schools can partner in this work!

EF+Math/AERDF, Oakland, California

4:00 p.m.–5:00 p.m.

191.4 Teaching Math with Nearpod

General Interest Exhibitor Workshop

LA Convention Center, 510

Combine exciting activities with captivating multimedia content to dramatically increase participation and student achievement in your classroom. In this interactive session, teachers will explore reimagined Nearpod Features designed to enhance instruction and student connection specifically for the math classroom.

Nearpod, Dania Beach, Florida

4:00 p.m.–5:00 p.m.

191.5 AP® Calculus Panel Symposium

10–12 Exhibitor Workshop

LA Convention Center, Exhibit Hall 2

Join us for a panel led by Stephanie Ogden from the College Board (with support from AP® Calculus Chief Reader Julie Clark) and other key educators that will discuss and answer questions about the 2022 exam reading as well as other important topics concerning AP® Calculus. A Q&A session will follow. This session is sponsored by BFW Publishers.

Bedford, Freeman & Worth Publishers, Hamilton, New Jersey

4:00 p.m.–5:00 p.m.








191.6 Ready to Implement! 6 Conditions for Success for High Quality Instructional Materials Implementation

Coaches/Leaders/Teacher Educators Exhibitor Workshop

LA Convention Center, 514

In this presentation, you will hear what Pivot Learning and our district partners have learned and know to be best practice for effective, system-wide materials implementation, sustainability, and scalability. You will hear tips and examples and engage in activities to better understand specific conditions and apply your learning to your context.


Pivot Learning, Oakland, California

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Friday Morning Exhibitor Workshops

8:00 a.m.–9:00 a.m.

221.1 Helping Students Catch Up and Keep Up


 **3–5 Exhibitor Workshop**
LA Convention Center, 513

Students who struggle with math need more than repeated instruction. They need to develop numerical reasoning. Designed around eight instructional principles, the lessons in Do The Math support explicit, intentional teaching that helps kids catch up and keep up. Join us to engage with Do The Math, intervention instruction that works!

Heinemann Publishing, Portsmouth, New Hampshire

8:00 a.m.–9:00 a.m.

221.2 The Race-Consciousness Gap: How Communities, Cultures and Lived Experiences Impact Math Instruction


 **6 - 8 Exhibitor Workshop**
LA Convention Center, 510

In this session participants will understand how multiple identities shape the decisions we make as math educators and engage in reflective activities that center how teachers' own experiences inform practice. Participants leverage powerful tools for ensuring equitable math instruction and bring the Five Equity-Based Teaching Practices to life.

Teaching Lab, Washington, District of Columbia

8:00 a.m.–9:00 a.m.

221.3 Math on a Mission: Financial Algebra with Next Gen Personal Finance


 **10 - 12 Exhibitor Workshop**
LA Convention Center, 514

Just 1 in 4 high schoolers take a personal finance class, but every student takes math. By embedding finance into your math class, you'll not only make math relevant - you'll also teach lifelong financial skills. Explore our deep collection of finance Desmos and an entire semester of Financial Algebra lessons & activities, all free, always.

Next Gen Personal Finance, Palo Alto, California

9:30 a.m.–10:30 a.m.

255.1 Curiosity and Exploration—Passing the Legacy to Our Students


 **10–12 Exhibitor Workshop**
LA Convention Center, 514

How do we turn the phrase “Exploring our world through math” on its head? By exploring math through the world, we give students opportunities to engage with the questions they have about the world. Join us for this exciting session where we'll explore the joy and beauty of math, and consider ways to pass a legacy of curiosity to our students.

Texas Instruments, Sachse, Texas

9:30 a.m.–10:30 a.m.

255.2 Keep it Real, Keep it Relevant: Exciting Opportunities to Keep Students Engaged by Paul Battaglia


 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, 510

Opportunities to enrich student learning are everywhere! Teachers should feel empowered to use real-life, relevant materials and experiences to show students where math truly exists. Big Ideas Learning author, Paul Battaglia, reveals innovative resources that go beyond the walls of a classroom and demonstrates how to apply them on a daily basis.

Big Ideas Learning, Erie, Pennsylvania

9:30 a.m.–10:30 a.m.

255.3 The “R” in CRL (Culturally Responsive Learning)

 **General Interest Exhibitor Workshop**

LA Convention Center, 513

A critical aspect of Culturally Responsive Learning is selecting tasks that invite students to share their own ideas. Let's experience how 3-Act Math tasks promote student agency and authorship of mathematical ideas where teachers actively respond to different student cultures, backgrounds, and ideas to drive instruction. Presenter: Andrew Byrns.

Savvas Learning Company, Paramus, New Jersey

9:30 a.m.–10:30 a.m.

255.4 Math & Music with TeachRock


 **Coaches/Leaders/Teacher Educators Exhibitor Workshop**
LA Convention Center, 512

In this session, attendees will experience hands-on activities drawing from the free, standards-aligned curricular resource TeachRock. The activities and resources featured in this session will cover a variety of mathematical concepts using musical artists ranging from Beyonce to the Grateful Dead.

TeachRock, New York, New York








9:30 a.m.–10:30 a.m.

255.5 Nearpod Math in the Middle Grades

 **6–8 Exhibitor Workshop**
LA Convention Center, Exhibitor Workshops Theatre 2

Nearpod Math, our new supplemental K-8 math program, provides the content, organization and exclusive tools teachers need to maximize student learning and engagement. In this session, you will learn how to use Nearpod Math to strengthen your mathematics teaching practices while building student confidence and understanding.

Nearpod, Dania Beach, Florida

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Friday Morning Exhibitor Workshops

9:30 a.m.–10:30 a.m.

255.6 Catching Up and Moving Forward: Rethinking Tier 1 Intervention



6–8 Exhibitor Workshop

LA Convention Center, Exhibitor Workshops Theatre 1

How can we address unfinished learning while still moving students forward in new grade-level learning? This session will explore how real-world context and visual representations help students make connections to the big math ideas that structure math learning, allowing them to build deep understanding of prior concepts while learning new content.

Zearn, New York, New York

11:00 a.m.–12:00 p.m.

291.1 Every Step Counts: Getting Visibility into Your Students' Thinking with Mathspace



6–8 Exhibitor Workshop

LA Convention Center, 510

Math is so much more than right and wrong. Get a peak into your students' process with Mathspace, whose StepSmart technology provides unparalleled visibility into student thinking, and provides unique insights to allow you, the teacher, to be the right help at the right time, for every student.

Mathspace, New York, New York

11:00 a.m.–12:00 p.m.

291.2 One Problem, Many Approaches to Designing Your Lesson



3–5 Exhibitor Workshop

LA Convention Center, 513

Learn how to create and modify an opening task to reach a broad range of learners. This session focuses on striking the right balance between structure and struggle. We help teachers prioritize critical thinking, communication, curiosity and creativity to achieve high impact results.

Think! Mathematics, Neptune Beach, Florida

11:00 a.m.–12:00 p.m.

291.3 Playing with Quadratics in Standard Form & Other Curiosities



10–12 Exhibitor Workshop

LA Convention Center, 514

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

11:00 a.m.–12:00 p.m.

291.4 Teaching Problem Solving to ALL Students

3–5 Exhibitor Workshop

LA Convention Center, Exhibit Hall 1

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, Houston, Texas

11:00 a.m.–12:00 p.m.

291.5 Moving Towards Mastery: Why High-Quality Tasks Aren't Enough



3–5 Exhibitor Workshop

LA Convention Center, 512

High quality tasks lay the foundation for success through productive struggle. Are the tasks themselves enough to move students towards mastery? Join author Jessica Kaminski (Primary Math 2022) to learn to build on this solid foundation using carefully sequenced problems that provide mathematical and perceptual variation to extend each standard.

Marshall Cavendish Education, Rye Brook, New York

11:00 a.m.–12:00 p.m.

291.6 Math Fact Fluency and Other Essential Skills with Innovative and Fun Games by Semper Smart Games



3–5 Exhibitor Workshop

LA Convention Center, Exhibit Hall 2

At Semper Smart Games, our award winning math games are as educational as they are fun. Come see how we use game play, innovative manipulatives, and memory science in our award winning games like PlaySmart Dice, Election Night!, Blobby's Pizza, and some of our new releases for the classroom that make mastery of essential math skills easy and fun!

Semper Smart Games, Arlington, Virginia



Broaden the Purposes of Learning Mathematics



Create Equitable and Anti-Racist Structures in Schools and Systems



Develop Deep Mathematical Understanding



Implement Equitable Mathematics Instruction



Position Assessment to Promote Equitable Practices and Support Student Learning



Reimagine the Role of Technology in Mathematics Education



Teach Equity-Centered Mathematics by Attending to Social-Emotional Learning

Friday Afternoon Exhibitor Workshops

1:00 p.m.–2:00 p.m.

323.1 Connecting Many Ideas through Board Writing

PreK–2 Exhibitor Workshop



LA Convention Center, Exhibit Hall 1

This session demonstrates how a teacher uses board writing to document diverse student ideas to help connect and relate ideas. Along the way, students learn to articulate mathematical ideas using words, symbols and diagrams through teacher modeling.

Think! Mathematics, Neptune Beach, Florida

1:00 p.m.–2:00 p.m.

323.2 I Gotta Do This with My Kids!

10–12 Exhibitor Workshop



LA Convention Center, 514

Check out the powerful ways students can be engaged using TI-84 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, Sachse, Texas

1:00 p.m.–2:00 p.m.

323.3 ‘Just-In-Time’ Gap-Filling Towards Grade-Level Gains with Get More Math



General Interest Exhibitor Workshop

LA Convention Center, 510

Every fall, math teachers face the same old dilemma: how can students learn grade-level content if they don't have mastery of concepts from prior grades? This session will cover strategies that address initial weaknesses and gaps, with an emphasis on targeting grade-level material while weaving in supporting concepts along the way.

Get More Math!, Sonora, California

1:00 p.m.–2:00 p.m.

323.4 Live Podcast Recording of Math Teacher Lounge with Bethany Lockhart Johnson and Dan Meyer



General Interest Exhibitor Workshop

LA Convention Center, 512

The hit Math Teacher Lounge podcast has come to NCTM ... and you're invited to a live taping! Join co-hosts Bethany Lockhart Johnson and Dan Meyer for a live session full of special guests, games, and giveaways, a session where they'll take on some of math education and NCTM's toughest questions.

Amplify, Brooklyn, New York

1:00 p.m.–2:00 p.m.

323.5 NBA Math Hoops: Creating the Next Math Champion!



Coaches/Leaders/Teacher Educators Exhibitor Workshop

LA Convention Center, 513

NBA Math Hoops leverages the game of basketball and the NBA/WNBA to engage students with math and social-emotional learning skills through a digital/physical board game, curriculum, mobile app, and community program. The presentation will detail all aspects of the program experience. All resources are completely free of cost for educators.

Learn Fresh, Philadelphia, Pennsylvania

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Friday Afternoon Exhibitor Workshops

2:30 p.m.–3:30 p.m.

354.1 Are We Wasting Children’s Time Teaching What They Cannot Yet Understand?



PreK–2 Exhibitor Workshop

LA Convention Center, Exhibit Hall 2

Learning Loss is greater and it takes longer to catch up when we teach what is expected without determining what children need. Kathy Richardson and Sue Dolphin share how the Assessing Math Concepts (AMC) assessments can identify where children are in understanding number, allowing teachers to provide the most effective instruction.

Didax Inc, Rowley, Massachusetts

2:30 p.m.–3:30 p.m.

354.2 Helping PreK-8 Students Become Problem Solvers, NOT Problem Performers, presented by Brittany Goerig



PreK–2 Exhibitor Workshop

LA Convention Center, 513

Come explore ways to help your PreK-8 students become problem solvers. Students who are thinkers and focus on the problem and mathematics to achieve a solution instead of just picking out numbers and trying to do something with them without understanding. In this session we will explore problems that will help students focus on understanding.

hand2mind, Inc., Vernon Hills, Illinois

2:30 p.m.–3:30 p.m.

354.3 Financial Algebra: Building Confidence, Competence, & Interest in Math Through Financial Application



10–12 Exhibitor Workshop

LA Convention Center, 514

Hear co-author Rich Sgroi speak about the course Advanced Algebra with Financial Applications using the text Financial Algebra. The course draws upon topics from Algebra 2, Trig, Stats, Probability, and Precalc in the contexts of spending, banking, credit, taxes, investing, home/auto ownership, and budgeting.

National Geographic Learning, Boston, Massachusetts

2:30 p.m.–3:30 p.m.

354.4 Teaching Math with Nearpod



General Interest Exhibitor Workshop

LA Convention Center, 510

Combine exciting activities with captivating multimedia content to dramatically increase participation and student achievement in your classroom. In this interactive session, teachers will explore reimagined Nearpod Features designed to enhance instruction and student connection specifically for the math classroom.

Nearpod, Dania Beach, Florida

- Broaden the Purposes of Learning Mathematics
- Create Equitable and Anti-Racist Structures in Schools and Systems
- Develop Deep Mathematical Understanding
- Implement Equitable Mathematics Instruction
- Position Assessment to Promote Equitable Practices and Support Student Learning
- Reimagine the Role of Technology in Mathematics Education
- Teach Equity-Centered Mathematics by Attending to Social-Emotional Learning