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**Thursday, October 26**

### 8:00 AM – 9:00 AM

**Marriott Liberty Ballroom M**

**In Their Own Words: Getting the Most Out of the Lesson Objective (Grades K–2)**  
**Maria Amaya**

“Today we are going to learn about…” Isn’t that how most lessons begin? Let’s shift the paradigm to refrain from announcing the objective, and instead close with a Math Meeting where students debrief the lesson experience. The result is reflective students arriving at an authentic understanding of concepts expressed in their own words.

### 9:30 AM – 10:00 AM

**DC Convention Center Great Minds Booth (#227)**

**Exponentially Greater: What’s New in Eureka Math² (All Grades)**  
We revolutionized math instruction with Eureka Math®—and now we’ve raised the bar to the second power. Join us to see how Eureka Math² maintains our reputation for focus, coherence, and rigor, while adding digital interactives, additional teacher support, and so much more to make it exponentially more joyful to teach and learn math.

### 9:30 AM – 10:30 AM

**Marriott Independence Ballroom F-H**

**In Their Shoes: Journey Mapping a Mathematics Lesson (Grades 3–5)**  
**Kori Morrow | Whitney Ricker**

Are you prepared to meet the needs of all students, especially multilingual learners and students who need support to stay engaged? Do you ever wonder what math class feels like from the students’ perspective? Through an interactive Journey Mapping exercise, explore common learning barriers and how to use the Universal Design for Learning Guidelines to address variability.

### 9:45 AM – 11:00 AM

**Marriott Capitol Congress Room**

**Division by Fractions: Making It Meaningful (Grades K–2)**  
**Jenn Tadlock | Monica Clark**

Division by fractions is more than just using the standard algorithm. This session focuses on building students’ understanding of dividing by fractions through the use of linking cubes and area models. Having students explore concrete and pictorial representations can help lead to division by fractions success.

### 10:30 AM – 11:00 AM

**DC Convention Center Great Minds Booth (#227)**

**Visibility²: Premodule and Embedded Assessments Reveal Student Understanding (All Grades)**  
See how the comprehensive Eureka Math² assessment system—including premodule diagnostic (with Eureka Math² Equip™), formative, and summative assessments give teachers a clear understanding of what students know to plan instruction accordingly.
### NCTM Presentations & Demonstrations

**Thursday, October 26 (Continued)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speakers/Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>11:00 AM – 12:00 PM</strong></td>
<td>Metacognition in the Mathematics Classroom (Grades 3–5)</td>
<td>Kyle Williams</td>
</tr>
<tr>
<td>DC Convention Center</td>
<td>Room 101</td>
<td>Ever start off a math class by saying, “What did we do in math yesterday?”, only to be met with blank stares? Ever wonder how to support students in thinking about their own thinking in mathematics? In this session, we will explore instructional routines and strategies to engage students in metacognitive thinking skills.</td>
</tr>
<tr>
<td><strong>11:30 AM – 12:00 PM</strong></td>
<td>Times Ten/Divide by Ten. The Decimal Doesn’t Move. (Grades 3–5)</td>
<td>Ricky Mikelmann</td>
</tr>
<tr>
<td>DC Convention Center</td>
<td>Room 147A</td>
<td>We’ll elevate conceptual understanding of multiplying and dividing by tenths from concrete to pictorial to abstract so students recognize that the place value of the digits shift but the decimal doesn’t move! Teachers will practice building understanding by using manipulatives and ideas they can take to their classrooms.</td>
</tr>
<tr>
<td><strong>11:30 AM – 12:00 PM</strong></td>
<td>Student-Centered Learning &amp; Discourse in Eureka Math² (All Grades)</td>
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<td>DC Convention Center</td>
<td>Great Minds Booth (#227)</td>
<td>See how Eureka Math² uses a balanced instructional framework for teaching mathematics. Examine student-centered learning, explore student-centered Instruction, and receive tips for facilitating discourse and developing a math community.</td>
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<td><strong>1:30 PM – 2:00 PM</strong></td>
<td>Accessibility²: How Readability, Learning Supports, and UDL Create Entry Points for All Students (All Grades)</td>
<td></td>
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<tr>
<td>DC Convention Center</td>
<td>Great Minds Booth (#227)</td>
<td>Eureka Math² advances equity by putting into practice research that provides teachers with specific strategies to address learner variance. See how we’ve made math exponentially more accessible so all students can access grade-level content.</td>
</tr>
<tr>
<td><strong>2:30 PM – 3:00 PM</strong></td>
<td>Engagement²: Digital Interactives with Eureka Math² (All Grades)</td>
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<tr>
<td>DC Convention Center</td>
<td>Great Minds Booth (#227)</td>
<td>See how digital interactives were integrated into Eureka Math² to foster peer-to-peer discourse and deepen student understanding of math concepts while giving teachers visibility into student understanding.</td>
</tr>
<tr>
<td><strong>2:45 PM – 4:00 PM</strong></td>
<td>Where are the Words? Reducing Barriers Without Reducing Rigor (Grades 6–9)</td>
<td>Kevin Davis</td>
</tr>
<tr>
<td>DC Convention Center</td>
<td>Room 102AB</td>
<td>Let go of the key words and make the mathematics more accessible through different modalities. For many students, words are the problem with word problems. In this session, learn how to reduce the barrier written word problems can present while increasing relevance and engagement with meaningful contexts.</td>
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Thursday, October 26 (Continued)

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| **3:30 PM – 4:00 PM** | Visibility²: Premodule and Embedded Assessments Reveal Student Understanding  
DC Convention Center  
Great Minds Booth  
(#227)  
(All Grades)  
See how the comprehensive Eureka Math² assessment system—including premodule diagnostic (with Eureka Math² Equip™), formative, and summative assessments give teachers a clear understanding of what students know to plan instruction accordingly. |
| **4:00 PM – 5:00 PM** | Strategies to Enhance Long-Term Learning (Grades 6–8)  
Do your students forget what they have learned? Are you interested in strategies that will boost student learning and can be implemented in your limited class time? In this session, explore powerful strategies to improve learning retention and to develop a process to include these strategies in your classroom. |
NCTM 2023 Presentations & Demonstrations

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**Friday, October 27**

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<tr>
<td>8:00 AM – 9:00 AM</td>
<td>Marriott Ballroom Salon 12&amp;13</td>
<td><strong>Caution: Accelerated Curriculum Ahead (Grades 6–8)</strong>&lt;br&gt;Connie Laughlin</td>
</tr>
<tr>
<td>9:30 AM – 10:30 AM</td>
<td>DC Convention Center Room 101&lt;br&gt;</td>
<td><strong>No More Tears: Developmentally Appropriate Assessment (Grades K–2)</strong>&lt;br&gt;Lacy Endo-Peery</td>
</tr>
<tr>
<td>9:30 AM – 10:00 AM</td>
<td>DC Convention Center Great Minds Booth (#227)</td>
<td><strong>Rekenrek Counting (Grades K–3)</strong>&lt;br&gt;Experience how the Rekenrek can be used to count from a number other than 1 and demonstrate the distributive property. See how teachers can use physical models or even virtual manipulatives in their classrooms.</td>
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<td>10:30 AM – 11:00 AM</td>
<td>DC Convention Center Great Minds Booth (#227)</td>
<td><strong>Visibility²: Premodule and Embedded Assessments Reveal Student Understanding (All Grades)</strong>&lt;br&gt;See how the comprehensive Eureka Math² assessment system—including premodule diagnostic (with Eureka Math² Equip™), formative, and summative assessments give teachers a clear understanding of what students know to plan instruction accordingly.</td>
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NCTM Presentations & Demonstrations

Friday, October 27 (Continued)

11:00 AM – 12:00 PM
Marriott
Monument Room

Connecting the Dots: Deepening Conceptual Understanding Through Connections Across Domains (Grades 8–10)
Selena Oswalt | Bridget Soumeillan
This session connects the dots across topics in statistics, algebra, and functions by following a theme of examining points in the plane. Explorations will include how digital photography and pointillism connect to histograms, linear inequalities, and graphs of functions.

11:30 AM – 12:00 PM
DC Convention Center
Room 102AB

Routines to Support Multilingual Learners’ Social Status in the Mathematics Classroom (Grades K–12)
Mary Christensen-Cooper
“The one who does the talking does the learning.” But do we hold this same expectation for multilingual learners (MLLs) in the mathematics classroom? This session dives into language instructional routines that focus on receptive and productive language to ensure that all students, including MLLs, have access to the classroom’s math discourse community.

1:00 PM – 2:15 PM
DC Convention Center
Room 204AB

Modeling Can Be Messy (Grades 8–10)
Bridget Soumeillan | Selena Oswalt
We will experience the messiness of a modeling task, reflect on our experience, identify instructional choices for increased accessibility, and connect Standards for Mathematical Practice and Universal Design for Learning guidelines. We will consider how students see themselves in learning and applying mathematics, the need for diverse contexts, and how to include community-based and global contexts.

1:30 PM – 2:00 PM
DC Convention Center
Great Minds Booth
(#227)

Student-Centered Learning & Discourse in Eureka Math² (All Grades)
See how Eureka Math² uses a balanced instructional framework for teaching mathematics. Examine student-centered learning, explore student-centered Instruction, and receive tips for facilitating discourse and developing a math community.

4:00 PM – 5:00 PM
DC Convention Center
Room 151A

Invigorate, Engage, Inspire: Low-Floor, High-Ceiling Activities (Grades 6–8)
Janae Pritchett | Cathy Terwillinger
Low-floor, high-ceiling tasks engage all students in rigorous mathematics. They allow students to see themselves as thinkers and doers of mathematics. Take a deep dive into multiple standards-aligned low-floor, high-ceiling tasks and explore why these powerful tasks increase rigor and engagement. Then, learn strategies for design and implementation.
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Saturday, October 28

8:00 AM – 9:00 AM  
DC Convention Center  
Room 154AB  
Cultivating Students’ Mathematical Identity Through Probability and Statistics  
(Grades 6–8)  
Gabie Mathiesen  
When students see how probability and statistics can help them understand and explore the world around them, they see themselves as doers of mathematics and as valuable members of their community. This session will explore the importance of truly relevant contexts in developing students’ statistical literacy and mathematical identities.

11:00 AM – 12:00 AM  
DC Convention Center  
Room 147B  
Cooking, Currency, and Culture: Inviting Student Stories into Middle School Math  
(Grades 6–8)  
Heidi Strate  
Exploring common middle school math contexts, participants will encounter simple, impactful activities that build community and belonging by inviting student stories into the math classroom. This session combines research on adolescent development and identity formation with practical ideas for teachers to honor their students’ unique backgrounds.