

## **2020 GAMES Mini-Conference**

Saturday, February 8, 2020

Archbishop Hoban High School

One Holy Cross Boulevard, Akron, OH

### **REGISTRATION AND BREAKFAST (8:00-8:20)**

**Welcome & Problem of the Day - Holy Cross Room (8:20-8:40)**

### **BURST SESSIONS - Holy Cross Room (8:40-9:10)**

**Jennifer Walls**

Firestone CLC

~Class Starters~

**Zach Tocchi**

Hoban High School

~Twitter and Why It Matters~

### **BREAK-OUT SESSIONS (9:15-11:50)**

### **KEYNOTE - Holy Cross Room (12:00-12:45)**

**Dr. Matthew Deevers**

**Summit Education Initiative**

**Title:** An Equation for Persistence

**Description:** At some point, every learner experiences challenges or a loss of momentum. Persistence is the key to overcoming setbacks and focusing on continued growth. This presentation will highlight the foundations of persistence, and also the practices to strengthen those foundations for all learners.

**Presenter's bio:** Matthew Deevers is an educator, researcher and presenter whose work centers on maximizing human potential. He believes that everyone can flourish under the right conditions, and that each of us has a responsibility to create those conditions for ourselves and others. Dr. Deevers began his career as a teacher and a school administrator. Since 2012, he has been the Senior Research Associate at Summit Education Initiative, a research-driven nonprofit working to increase personal and regional prosperity through educational attainment.

### **Closing & Door Prizes (12:45-1:00)**

## BREAK-OUT SESSIONS

**Time: 9:15 - 10:00**

Location	Speaker	Title	Session Description	Session type
232	<b>Michael Lipnos</b> Tri-County ESC	Counting and Structure Routines	Every young person that finds math computation challenging in elementary school is sure to have foundational gaps in counting and using structure to develop non-count by 1's strategies. Come learn how counting and structure build the foundation and deepen number sense K-5. Counting and structure should be in every math classroom through 5th grade	K-5
231	<b>Jen Spradlin &amp; Pennie Short</b> Akron Public Schools	Fearless Fractions	Have no fear, Jennie and Pennie are here to help you conquer your fear of working with fractions. In our session, you will experience innovative ways to incorporate fractions into your classroom. You will walk away with tasks that provide students with a strong fraction foundation.	K-5
230	<b>Jeanette Nativito</b> Litchfield CLC	Let's Talk Math!	Accountable Talk is a classroom strategy that promotes relevant discussion between the teacher and students, and more importantly student to student talk. The Accountable Talk Sentence Stems supports student engagement in meaningful mathematical conversations while clarifying and explaining their own understanding of math concepts, as well as learning how to respect the different viewpoints of their classmates. During this presentation, math teachers will learn how to utilize 'Accountable Talk Math Stems' in their daily instruction with their students.	6-8
234	<b>Mary Beth Rollick, Ph.D.</b> Kent State University	Break-out: The Excitement	"Escape rooms" promote collaboration and engagement and offer an enjoyable way to review. Come to this session to experience an escape room and see for yourself one type of design. After participating in this escape room, we will discuss design ideas, materials, and other helpful tips.	6-12

**Time: 10:10 - 10:55**

<b>Location</b>	<b>Speaker</b>	<b>Title</b>	<b>Session Description</b>	<b>Session type</b>
232	<b>Jody Maxwell &amp; Cindy Price</b> Hatton CLC	Number Sense: Yes, you CAN teach it!	Easy, no stress way to begin using number sense instruction in your classroom right away. This is for the teacher who wants to start but isn't sure how exactly to get started or what resources to use.	K-5
229	<b>Tina Lattimer</b> Miller South School for the Visual & Performing Arts	Arts in Math	Integrating the arts in math allows for rigorous real world problem solving. Integrating drama, dance, music, and fine arts allow teachers to support the math standards and the math practices as they engage students in DOK 4 level tasks.	6-8
231	<b>Jenny Walls</b> Firestone CLC	Ohio's New Mathematical Modeling and Reasoning Course Overview	Quantitative Reasoning is now recognized as a new pathway for college mathematics. As part of the writing team for ODE's new Mathematical Modeling and Reasoning Course, I'm excited to share lessons from the new fourth year math course. Come join me for updates about the course and engaging in lessons and activities from the course.	6-12
234	<b>Danny Ahrens &amp; Stacy Bryant</b>	Brain Breaks: Mastering Mathematics Through Movement	Learn activities to get students excited about the coordinate plane, equations, vocabulary, number sense, and statistics. Come prepared to participate in activities that you can adapt to fit your standards and use in your classroom on Monday.	General

**Time: 11:05 - 11:50**

<b>Location</b>	<b>Speaker</b>	<b>Title</b>	<b>Session Description</b>	<b>Session type</b>
230	<b>Cathy Ahrens &amp; Sarah Schuster</b>	PLAYful Math: A Look at Connecting PLAY with Mathematics	This session will cover the importance of including opportunities for play in preschool through third grade. We will share a variety of playful math experiences and how these can help children grow and learn while retaining the value of purposeful play that is so important at their age. Connections made during play help children think about the world and we hope to share how the world of mathematics can be explored through a series of activities, games and books.	PreK-3
232	<b>Ben Graber</b> NIHF STEM High School	Encouraging a "Yes Brain" in a "No Brain" World	When students feel unsafe due to math anxiety, classroom relationships, or school culture, their brains are in a fight or flight state and upper level thinking cannot be activated. We'll discuss strategies for building "Yes Brains" instead of "No Brains".	General
231	<b>Michele Heron, Ph.D.</b> Kent State University	Team Building Strategies for Improved Group Collaboration	Looking for ways to develop group collaboration with your students? Join this session for active participation in tasks that develop listening, interdependence and collaboration. These tasks can be adapted for middle and high school students.	6-8
229	<b>The Rubber City Math Teacher Circle (Pachnowski, Miller, Lattimer, McKeown)</b> The University of Akron	Liars Bingo	We'll give you the Bingo cards. You pick a number.  We'll tell you what number you chose.  Can you figure out how we know?  (If you have scratch paper, that will be helpful...)	General

**KEYNOTE - Holy Cross Room (12:00-12:45)**