



Igniting a Bright Future

US MATH RECOVERY COUNCIL® 2023 CONFERENCE
April 24th – 26th, 2023 Spokane, Washington



PRE-CONFERENCE SCHEDULE – Subject to change

Day 1 * PRE-CONFERENCE * MONDAY, April 24, 2023

7:00 a.m. – 1:00 p.m.	Registration / Information Desk
7:30 a.m. – 8:30 a.m.	Breakfast
8:30 a.m. – 11:30 a.m.	<p>Morning Sessions (5):</p> <ul style="list-style-type: none">• <i>Ignite Cognitive Shifts in Addition & Subtraction</i>, by Susan Whited & Patti Muck Prerequisite: MRSp1 or MRIS Congratulations! Your students accurately count visible items. Now what? Why is the figurative stage important? What experiences engender the development of a child's ability to keep track or count on when counting concealed objects, especially beyond finger range? How do we get students to use non-count-by-one strategies? If you need answers to these questions, this session is for you! The goal of this session is to deepen and expand knowledge of important instructional progressions in early arithmetical learning, providing students with the facility to develop more sophisticated strategies for addition and subtraction.• <i>AVMR Classroom Learning Lab</i>, by Kristin Frang, Kim Hagman, Lesley Maxfield & Tonda Thompson (Off-site; Transportation included; Limited to 30 participants) Come join us for a Classroom Learning Lab experience, an authentic opportunity, focused on implementing Add+VantageMR® in assessment and instructional strategies in practice. During this session, participants will travel by bus to a local school district to participate in a classroom visit. The classroom visit will be framed by a pre-observation meeting to set a learning focus and a debriefing session. During the debriefing, participants will have the opportunity to reflect on the practices in action and determine next steps in your own context.• <i>They're Trained, Now What? - A Unique Approach to Designing Ongoing Learning</i>, by Kate Anderson & Melissa Wilke Explore ways to engage stakeholders in implementing and extending the learning from Math Recovery courses. The goal of this session is to connect adult learning theory and principles to the design of various modes of professional development. We will consider ways to assess current and future needs to develop effective ways to meet those needs through timely and purposeful professional development. Through this experience, participants will establish a rejuvenated approach toward professional development planning within their sphere of influence. This session will be most applicable to Champions, Leaders and district leaders that are responsible for planning and coordinating professional development.



Igniting a Bright Future

US MATH RECOVERY COUNCIL® 2023 CONFERENCE
April 24th – 26th, 2023 Spokane, Washington



	<ul style="list-style-type: none"> • <i>Beyond the Course – Small Group Instruction</i>, by Katie Leadbetter, Ashlyn Burr, Tamara Kerns & Carrie Rzasa Do you want to know more about small group lesson design, instruction, and differentiating activities? Through the use of videos, hands-on experience through role play, and direct feedback, you will have a better understanding of how to empower your learners in any capacity within small group instruction. • <i>Streamlining Data Collection and Analysis for AVMR Fractions</i>, by Megan Coonan & Christy Lyle Prerequisite: AVMR Fractions Consider methods to streamline the data collection for Fractions Constructs and Stages of Units Coordination. Practice analyzing sample data sets and then apply a shared protocol to data from your students or district. Participants who choose to attend Fractions Data into Practice - Pedagogical Engineering Actual Lessons in the afternoon will have the opportunity to use their data in that process.
11:30 a.m. – 12:40 p.m.	Lunch
12:40 p.m. – 3:40 p.m.	<p>Afternoon Sessions (5):</p> <ul style="list-style-type: none"> • <i>Cultivating a New Landscape – Building the Culture for Systemic Change</i>, by Dina Mendola & Michelle Tatrow An effective implementation plan supports learning environments, equitable practices, and constructivist approaches to help students achieve higher levels in mathematics. Through this process, districts need to develop ways to establish strong partnerships and a system to support change. In this session, we will consider next steps towards cultivating that new landscape. • <i>Learning to Facilitate a Classroom Learning Lab</i>, by Kristin Frang & Katie Leadbetter A Classroom Learning Lab experience is an authentic way for educators to deepen understanding, improve practice, and increase accuracy through collaboration. This session will focus on how to set up and facilitate a Classroom Learning Lab. Participants will learn the essential components and begin to plan for their own local Classroom Learning Lab experiences including messaging the "why" to administration. • <i>Peeling Back the Layers of Teaching Charts 3B10 and 3B20</i>, by Dee Swanson, Sherry Lee Hornbacher, Lori Loehr & Thuc-Khanh Park Prerequisite: MRSp1 or MRISw Engage in unpacking the teaching procedures implicit within Teaching Charts 3B10 and 3B20. Examine how the Dimensions of Mathematizing play out in instruction using ten-frames and bead racks. Collaborate with participants and facilitators to develop a richer understanding of the complex domain of structuring numbers.



Igniting a Bright Future

US MATH RECOVERY COUNCIL® 2023 CONFERENCE
April 24th - 26th, 2023 Spokane, Washington



- ***A Framework for Lesson Planning – Considering Every Learner’s Needs, by Crystal Bissing, Andrew Potter & Rachel Rogers***
Support the needs of learners with an Understand, Diagnose, Take Action framework. Using sample multiplication and division lessons, participants will connect standards to the LFIN, check for understanding, and plan scaffolds and extensions. This framework supports equitable access to grade level content. Sample lessons will be available for 3rd and 5th grade content. Participants are welcomed and encouraged to bring their own multiplication and division lesson.
- ***Fractions Data Into Practice – Pedagogical Engineering Actual Lessons, by Megan Coonan & Christy Lyle***
Prerequisite: AVMR Fractions
Using student data, pedagogically engineer a lesson designed to provide access to grade level content for all students, based on their current Fractions Construct. Sample lessons will be available for 5th, 8th, and 10th grade content. Participants are encouraged to bring their own upcoming lesson and relevant student data - you will leave with a differentiated lesson, ready to use on Monday morning!



Igniting a Bright Future

US MATH RECOVERY COUNCIL® 2023 CONFERENCE
April 24th – 26th, 2023 Spokane, Washington



2-Day CONFERENCE SCHEDULE – Subject to change

Day 1 of 2 * CONFERENCE * TUESDAY, April 25, 2023

7:00 a.m. – 10:00 a.m.	Registration / Information Desk
7:00 a.m. – 8:00 a.m.	Breakfast
8:00 a.m. – 8:05 a.m.	Welcome – Christina Miller, PhD ED, Executive Director
8:05 a.m. – 8:50 a.m.	Board Chair Address & Educator Award Presentation – Lesley Maxfield
8:50 a.m. – 10:00 a.m.	Keynote Session: Dr. Anderson Norton <ul style="list-style-type: none">• <i>Minding Your Own Mathematics</i>
10:20 a.m. – 11:30 a.m.	Breakout Sessions (9): <ul style="list-style-type: none">• Featured Speaker: <i>Five Recommendations to Empower Students with Disabilities as Doers and Thinkers of Mathematics</i>, by Dr. Jessica Hunt• Featured Speaker: <i>Modeling Students' Mathematics with Unit Transformation Graphs</i>, by Dr. Anderson Norton• <i>The Universal Screeners for Number Sense - An Open-Source Assessment Project</i>, by David Woodward• <i>Foundational Understanding in Numeracy - FUN Math Model</i>, by Michelle Tudor, Becky Erwin, and Shelley Dickson• <i>Fractions and Lesson Planning - Incorporate and Build Conceptual Understanding of Operations within Lessons</i>, by Christy Lyle• <i>Guiding the Design of Strong Instructional Scaffolds for Unfinished Learning: Acceleration vs. Remediation</i> by Dina Mendola, Michelle Tatrow and Crystal Bissing• <i>What's Missing in Fact Fluency Multiplication/Division Instruction?</i>, by Tonda Thompson• <i>Lead the Way! The Key Role of the Administrator in Successful Implementation</i>, by Julie Holmes
11:30 a.m. – 12:30 p.m.	Lunch
12:30 p.m. – 1:40 p.m.	Breakout Sessions (9): <ul style="list-style-type: none">• Featured Speaker: <i>The Role of Children's Reflection in Mathematics Learning</i>, by Dr. Beth MacDonald & Dr. Jonathan Thomas• Featured Speaker: <i>Equitable Mathematics Instruction and the "Rights of the Learner"</i>, by Dawn Dibley• <i>Spotlight on The 3 Aspects of Number</i>, by Rachel Rogers and Tonda Thompson• <i>WIN (What I Need): Daily Math Intervention</i>, by Michelle Harmon, Kathy Stice and Erin Norman



Igniting a Bright Future

US MATH RECOVERY COUNCIL® 2023 CONFERENCE
April 24th – 26th, 2023 Spokane, Washington



	<ul style="list-style-type: none"> • <i>Transform and Roll Out</i>, by Lista Schwarz • <i>IEP SMART Goal Writing: Connecting the LFIN to Grade-level Standards to Produce Targeted IEP SMART Goals</i>, by Pennie Caldwell and Carrie Rzas • <i>Getting the Biggest Bang for Your Buck with Small Group Instruction</i>, by Katherine Meyers and Amanda Satcher • <i>The Hurdles of Classroom Implementation</i>, by Patti Muck and Tamara Kerns • <i>Infusing AVMR into Lesson Planning for Multiplication and Division</i>, by Megan Coonan
1:40 p.m. – 2:00 p.m.	Break
2:00 p.m. – 3:10 p.m.	<p>Breakout Sessions (9):</p> <hr/> <ul style="list-style-type: none"> • Featured Speaker: <i>Five Recommendations to Empower Students with Disabilities as Doers and Thinkers of Mathematics</i>, by Dr. Jessica Hunt • <i>Allying through Formative Assessment</i>, by Dr. Jonathan Bostic • <i>One Small Change: The Ripple Effect of Structuring Instruction</i>, by Cindy Townsend and Angela Lipscomb • <i>Jump into the Phases of Instruction for Addition and Subtraction to 100 with the Bead String</i>, by Thuc-Khanh Park, Katie Leadbetter and Susan Whited • <i>If You Can't Beat Em'... Join Em'! Math Recovery Meets the Pop-Its!</i> By Jenny Lynch, Nikki Carney and Jeanne Hogberg • <i>Moving Beyond, "Ours is not to question why, just invert & multiply!"</i>, by Jodi Redman and Meg Brown • <i>AVMR Training - Now What? A Coach's Perspective</i>, by Charlotte Tucker • <i>Scaling Up Math Recovery: Continuing Our Journey</i>, by Erin Peyer, Johnelle Hershberger and Cindy Compton • <i>Maintaining Rapport While Providing Feedback</i>, by Kate Anderson and Lori Loehr
3:10 p.m. – 3:40 p.m.	Break
3:40 p.m. – 4:45 p.m.	<p>Welcome Reception & Instructional Activity Showcase</p> <ul style="list-style-type: none"> • Board Engagement: Meet your Board Members • Author Spotlight: Meet & Greet Math Recovery Authors • Cross Number Puzzles & Games • Forefront and the Universal Screeners for Number Sense • Explore MR Memberships, Workshops, Video Shares, Learning Library • Explore Classroom Instructional Bundles and Kindergarten Math Packs • Math Recovery Specialist, Part 1 & 2: Give us a year, we'll change your life! • Math Champs: Find a Pattern & Add It • Ready Set Math – Early Domains, Middle Number Domains, & Fractions • AVMR Fractions: Explore Multiplication/Division Conceptionally



Igniting a Bright Future

US MATH RECOVERY COUNCIL® 2023 CONFERENCE
April 24th – 26th, 2023 Spokane, Washington



2-Day CONFERENCE SCHEDULE – Subject to change

Day 2 of 2 * CONFERENCE * WEDNESDAY, April 26, 2023	
6:30 a.m. – 7:30 a.m.	Math Recovery Fun Run / Walk
7:00 a.m. – 10:00 a.m.	Registration / Information Desk
7:30 a.m. – 8:30 a.m.	Breakfast
8:30 a.m. – 8:50 a.m.	Welcome & Leadership Celebration
8:50 a.m. – 10:00 a.m.	Annual Membership Meeting <ul style="list-style-type: none"> Christina Miller, Executive Director
10:00 a.m. – 10:20 a.m.	Break
10:20 a.m. – 11:30 a.m.	Breakout Sessions (9): <ul style="list-style-type: none"> Featured Speaker: <i>The Equity Principle: Rehumanizing Mathematics in the Classroom</i>, by Dr. Beth MacDonald & Dr. Jonathon Thomas Featured Speaker: <i>Digging Into Dyscalculia</i> by Dawn Dibley <i>Beyond Equal Groups</i>, by Susan Whited, Thuc-Khanh Park and Tamara Kerns <i>Getting Ready to Go With Ready Set Math</i>, by Melissa Wilke <i>Digestible Bites: Progress Toward Successful AVMR Implementation</i> by Kim Hagman and Lesley Maxfield <i>The Purple Book: Tying it all Together</i>, by Beth Brady and Tara Brandt <i>Where does Math Recovery® fit into a Multi-tiered System of Support?</i>, by Dina Mendola and Michelle Tatrow <i>Beyond AVMR and MRSp: Cultivating Supportive School and District Systems Inclusive of Math Recovery®</i>, by Dr. Dana Gosen and Kim Fox <i>Dear Interventionist: You're Not Alone</i>, by Mollie Gabrielson
11:30 a.m. – 12:30 p.m.	Lunch
12:30 p.m. – 1:40 p.m.	Breakout Sessions (9): <ul style="list-style-type: none"> <i>Cross Number Discovery Puzzles & Games</i>, by Dawn Dibley <i>Observing Mathematical Behaviors: What can we learn when watching students?</i>, by Patti Muck and Dee Swanson <i>Creating Structure for Algebraic Thinking</i>, by Kristin Frang <i>Kentucky Center for Mathematics - Sparking a Passion for Effective Math Intervention</i>, by Lisa Riggs and Julie Adams <i>Bridging Whole Number to Fractions with Mental Actions</i>, by Andrew Potter



Igniting a Bright Future

US MATH RECOVERY COUNCIL® 2023 CONFERENCE
April 24th – 26th, 2023 Spokane, Washington



	<ul style="list-style-type: none">• <i>Collegial Learning Through Video Analysis</i>, by Kurt Kinsey• <i>Follow-Up Support for Sustained Implementation: A Champion and Leader Networking Session</i>, by Erin Peyerk• <i>AVMR Pictionary Time! Draw Your Ideal Math Classrooms and Connect to Math Recovery Guiding Principles and Math Practices</i>, by Crystal Bissing• <i>A Pathway to Statewide Impact in Michigan</i>, by Mike Vallier
1:40 p.m. – 2:00 p.m.	Break
2:00 p.m. – 3:10 p.m.	Breakout Sessions (9): <ul style="list-style-type: none">• <i>Structuring Numbers to 10: Moving from Frames to Applications</i>, by Lori Loehr and Thuc-Khanh Park• <i>Continuous Momentum</i>, by Lista Schwarz• <i>Stop, Drop and Just Teach! Moving Beyond the Formal Assessments</i>, by Melissa Wilke and Megan Coonan• <i>I've Given the Addition and Subtraction Assessment, Now What? A Mathematical Progression to Support All Students</i>, by Reagan Johnson and Katie Mills• <i>Leveraging Conscious Discipline's 3 Brain States® to Maximize Your Intervention</i>, by Courtney Willert• <i>Using Your AVMR Lens to Support Families</i>, by Jessica Lucia and Lesley Maxfield• <i>Providing Purposeful Implementation Support to Add+VantageMR Participants</i>, by Brad Thornburgh• <i>Empowering Educators and Inspiring Change Through Math Recovery Coaching</i>, by Katie Leadbetter and Sherry Lee Hornbacher
3:10 p.m. - 3:30 p.m.	Break
3:30 p.m. – 4:40 p.m.	Keynote Session: Dr. Beth MacDonald & Dr. Jonathan Thomas <ul style="list-style-type: none">• <i>Teaching Mathematics Conceptually: Examining the U.S. Math Recovery Council's Guiding Principles</i>
4:40 p.m. – 4:45 p.m.	Closing - Christina Miller, PhD ED, Executive Director