

Session No.	Date	Time	Room	Session Title	Speakers	Type	Content Level	Audience	Strands
Friday, February 9									
147	2/9	8:00 AM	611	A Holistic Approach to Assessing Mathematical Processes in the Early Years	Jarrett Laughlin, Lisa Lunney-Borden	Session	Intermediate	Pre-K to 2	Improving Students' Sense of Value and Belonging
148	2/9	8:00 AM	2AB	Alternative Algorithmic Techniques for Improving Procedural Fluency and Enriching Adaptive Reasoning	Joseph Sencibaugh, Jennifer Bond	Session	Introduction	3 to 5	Improving Students' Sense of Value and Belonging
149	2/9	8:00 AM	4C2	Instructional Practices to Support Access and Productive Struggle for Students With Disabilities	Katherine Lewis	Session	Intermediate	3 to 5	Valuing Students' Authentic Funds of Knowledge
150	2/9	8:00 AM	4C3	Empowering Diverse Math Learners Through the Mathematical Practices	Pamela Seda	Session	Intermediate	6 to 8	Improving Students' Sense of Value and Belonging
151	2/9	8:00 AM	201	Taking the Hundreds Chart from Kindergarten to Algebra	Brad Fulton, Bernard Guglberger	Session	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
152	2/9	8:00 AM	Ballroom 6B	CANCELLED: Using Real TikTok Trends to Add Authenticity to an IM Exponential Growth Task	Anna Weltman, Shelley Cox, Cherlinca Boyd	Session	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
153	2/9	8:00 AM	618/620	Surviving a Zombie Apocalypse: Modeling an Epidemic	Greta Mills	Session	Intermediate	10 to 12	Using Innovative Technology
154	2/9	8:00 AM	615/617	Exploring Edtech Tools with the ISTE Seal Indicators: An Interactive Workshop	Autumn Ottenad	Session	In-Depth	Coaches/Leaders/Teacher Educators	Using Innovative Technology
155	2/9	8:00 AM	Ballroom 6A	Tips for Transforming Our Classrooms	Joleigh Honey	Session	Intermediate	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value
156	2/9	8:00 AM	Ballroom 6C	Did Money Create Math? The Intertwined History of Math and Finance	Andrew Davidson, Philip Dituri, Jack Marley-Payne	Session	Introduction	General	Eliminating Barriers to Inspire Creative Pathways
157	2/9	8:00 AM	Ballroom 6E	Integrating Restorative Justice into Mathematics Instruction: An Equity-Centered Approach	Shante' Stuart McQueen	Session	Introduction	General	Fostering Belonging and Value
157.1	2/9	8:00 AM	612	An All-Access Pass to Meaningful Math	Savvas Learning Company	Exhibitor Workshop	Intermediate	General	Eliminating Barriers to Inspire Creative Pathways
157.2	2/9	8:00 AM	303	MLB Players STEM League - Creating the Next Math Champion	Rebecca Wong	Exhibitor Workshop	Introduction	6 to 8	Fostering Belonging and Value
158	2/9	8:00 AM	3A	CANCELLED: Empowering ALL Students through Rich, Real-World Problem Solving: Equitable Strategies in K-2	Andrea Wood, Denise McDowell	Workshop	Intermediate	Pre-K to 2	Valuing Students' Authentic Funds of Knowledge
159	2/9	8:00 AM	307/308	The Power of Silence: Teaching More by Talking Less	Kathleen Jalalpour	Workshop	Intermediate	Pre-K to 2	Fostering Belonging and Value
160	2/9	8:00 AM	204	CANCELLED: Be Both Author and Illustrator of Mathematical Understanding	Jill Gough	Workshop	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge
161	2/9	8:00 AM	608	How to Make Problem-Solving Routine	John SanGiovanni	Workshop	Intermediate	3 to 5	Fostering Belonging and Value
162	2/9	8:00 AM	606	From Bell to Bell: Engaging Students the Whole Class Through	Fawn Nguyen	Workshop	Intermediate	6 to 8	Valuing Students' Authentic Funds of Knowledge
163	2/9	8:00 AM	602/603	Using Mathematical Language Routines To Foster Belonging And Value In All Students	Evan Spellman	Workshop	Introduction	6 to 8	Fostering Belonging and Value
164	2/9	8:00 AM	607	Building Authentic Projects With Community Partners	Charles Slusher, Joe Sneed	Workshop	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
165	2/9	8:00 AM	4C4	CANCELLED: Rethinking Grading for the Thinking Classroom	Gayle Kovacevic-Roberts, David Breese	Workshop	Intermediate	8 to 10	Improving Students' Sense of Value and Belonging
165.1	2/9	8:00 AM	4C4	HOW are students brilliant? Noticing and Naming Math Strengths in the Moment	Lisa Jilk, Estelle Woodbury	Workshop	Introduction	8 to 10	Fostering Belonging and Value
166	2/9	8:00 AM	211	Stats for Multiple Pathways	Leslie McDonald, Cory Cloud	Workshop	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
167	2/9	8:00 AM	3B	A Curriculum of Nonroutine Problems: A Process-Oriented Approach to the CCMP and Math Education	Robert London	Workshop	Introduction	10 to 12	Valuing Students' Authentic Funds of Knowledge
168	2/9	8:00 AM	613/614	Three Labs for AP Calculus	Jessica Bolz	Workshop	In-Depth	10 to 12	Valuing Students' Authentic Funds of Knowledge
169	2/9	8:00 AM	604	Reimagining High-Quality Instruction: Working Toward Equitable x Essential Learning	Jennie Beltramini, Aly Martinez, Astrid Fossum	Workshop	Intermediate	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value
170	2/9	8:00 AM	609	The Mathematical Practices as a Tool to Ensure Belonging	Kris Raitzer, Michelle Jackson	Workshop	Intermediate	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value
170.1	2/9	8:00 AM	204	360 Degree Math: Equity, Engagement, Achievement for ALL	Sean Kavanaugh	Workshop	Introduction	Coaches/Leaders/Teacher Educators	Valuing Students' Authentic Funds of Knowledge
171	2/9	9:30 AM	Ballroom 6A	Students as Mathematicians: Making Use of SMP7 and SMP8 for Grades K-2	Jonelle Godfrey	Session	Intermediate	Pre-K to 2	Fostering Belonging and Value
172	2/9	9:30 AM	201	Math for All: Fostering Belonging by Allowing Access for All Learners	Amy Withers, Karen Rothschild	Session	Introduction	3 to 5	Fostering Belonging and Value
173	2/9	9:30 AM	615/617	Whose Knowledge? Strategies for Incorporating Students' Funds of Knowledge and Agency	Cathery Yeh, Jeff Freiberg, Claire Engelhard, Taylor King, Lologo Lologo Lologo	Session	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge

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174	2/9	9:30 AM	Ballroom 6B	Mathematical Modeling in Pre-Existing K-12 Engineering Activities	Latanya Robinson	Session	Introduction	6 to 8	Valuing Students' Authentic Funds of Knowledge
175	2/9	9:30 AM	611	Using Students' Languages, Realities, and Feedback in Mathematics	Ally Lewis	Session	Introduction	6 to 8	Fostering Belonging and Value
176	2/9	9:30 AM	4C2	Pillars & Practices: Ungrading to Catalyze Change at the Margins	Nolan Fossum	Session	Intermediate	8 to 10	Improving Students' Sense of Value and Belonging
176.1	2/9	9:30 AM	2AB	What Is Algebra II? Why Is It Important?	Gail Burrill	Session	In-Depth	10 to 12	Eliminating Barriers to Inspire Creative Pathways
177	2/9	9:30 AM	4C3	Think, Design, Refine: Shifting Mathematical Mindset Through Instructional Practice	Carolyn Ferrero	Session	Intermediate	Coaches/Leaders/Teacher Educators	Eliminating Barriers to Inspire Creative Pathways
178	2/9	9:30 AM	Ballroom 6E	Let's Talk About Writing for MTLT!	Clayton Edwards, Ksenija Simic-Muller	Session	Introduction	General	Developing Effective Advocacy Practices
179	2/9	9:30 AM	Ballroom 6C	The Best Way to Improve Student Performance in Math Is to Improve Our Ability to Give Good Feedback	Teryn Thomas, Stephanie Layson	Session	Intermediate	General	Fostering Belonging and Value
180	2/9	9:30 AM	618/620	I Changed How I Teach Calculus With Incredible Results! See How.	Christine Larson	Session	Intermediate	Higher Education	Valuing Students' Authentic Funds of Knowledge
180.1	2/9	9:30 AM	303	Using Manipulatives and Models in Middle and High School Math (6-12)	Angela Campana	Exhibitor Workshop	Introduction	6 to 8	Valuing Students' Authentic Funds of Knowledge
180.2	2/9	9:30 AM	612	Same and Different: What's New in Bridges in Mathematics Third Edition	Mei Yong	Exhibitor Workshop	Introduction	Coaches/Leaders/Teacher Educators	Valuing Students' Authentic Funds of Knowledge
181	2/9	9:45 AM	604	Oracy and Numeracy Are Friends: The Power of Photo Chats to Promote Early Mathematical Learning	Jie-Qi Chen, Rebeca Itzkowich	Workshop	Intermediate	Pre-K to 2	Fostering Belonging and Value
182	2/9	9:45 AM	3A	Show Up and Show Off: Mathematical Practices 1, 3 and 4 in Action	Labonnie Smith	Workshop	Intermediate	Pre-K to 2	Valuing Students' Authentic Funds of Knowledge
183	2/9	9:45 AM	307/308	Deepen Mathematical Learning by Connecting Representations: We Learn the Most 'In-Between'	Sara Delano Moore	Workshop	Intermediate	3 to 5	Valuing Students' Authentic Funds of Knowledge
184	2/9	9:45 AM	609	Elevating Student Voice and Sense of Belonging Through Assessments	Kim Webb, Arcy Alafa	Workshop	Introduction	3 to 5	Improving Students' Sense of Value and Belonging
185	2/9	9:45 AM	607	A Call for Empathy in Mathematics	James McCue, Ben Owens, Margaret Borden	Workshop	Intermediate	6 to 8	Developing Effective Advocacy Practices
186	2/9	9:45 AM	606	Build Your Students' Agencies and Belonging With Number Talks	Jacqueline Palmquist, Sue Ellen Vozza, Patricia Baltzley	Workshop	Introduction	8 to 10	Fostering Belonging and Value
187	2/9	9:45 AM	602/603	Fostering Student Agency, Belonging, and Engagement Through Math Action Technology	Sean Nank, Jaclyn Murawska	Workshop	Introduction	8 to 10	Using Innovative Technology
188	2/9	9:45 AM	608	Using a Children's Book With Pages That Change in Size to Deepen Math Learning One Page at a Time	Ron Lancaster	Workshop	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
189	2/9	9:45 AM	204	A Structure Where Students Thrive	Travis Lemon	Workshop	Intermediate	10 to 12	Valuing Students' Authentic Funds of Knowledge
190	2/9	9:45 AM	3B	Making Algebra Personal and Captivating: Creating a Project-Based Algebra Class	Justin Cotter	Workshop	Intermediate	10 to 12	Valuing Students' Authentic Funds of Knowledge
191	2/9	9:45 AM	613/614	Mathematics, Social Justice, Advocacy, and Belonging	Ken Keech, Betty Routhouska, Nicole Fonger	Workshop	Intermediate	10 to 12	Developing Effective Advocacy Practices
192	2/9	9:45 AM	211	Field Rotations: Fostering A Sense Value and Belonging in Pre-Service Teachers	Udita Gupta	Workshop	In-Depth	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value
195	2/9	11:00 AM	201	CANCELLED: We BELONG Together: Cultivating a Math Space Where ALL Students Can THRIVE	Dawn Williams	Session	Intermediate	6 to 8	Fostering Belonging and Value
196	2/9	11:00 AM	4C2	XplusWhy: Projects That Connect Algebra to Real Life	Daveen Meyers, Jeanette King	Session	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
196.1	2/9	11:00 AM	2AB	Data and Data Science: Core and Beyond	Gail Burrill, Thomas Dick	Session	Introduction	10 to 12	Valuing Students' Authentic Funds of Knowledge
197	2/9	11:00 AM	Ballroom 6A	Mathigon Polypad: An Awesome Digital Mathematical Playground	Mark Kreie	Session	Introduction	10 to 12	Using Innovative Technology
198	2/9	11:00 AM	4C3	What is the Point of Points? A Better Way to Assess Student Learning in Mathematics.	Douglas Guyette	Session	Intermediate	10 to 12	Improving Students' Sense of Value and Belonging
200	2/9	11:00 AM	618/620	Embracing Artificial Intelligence in the Classroom	Taajah Witherspoon, Erica Littleton	Session	Introduction	Coaches/Leaders/Teacher Educators	Using Innovative Technology
201	2/9	11:00 AM	615/617	Below the Tip of the Iceberg: Student Interviews/Learning Trajectories to Transform Math Intervention	Anne Gallagher	Session	Introduction	General	Improving Students' Sense of Value and Belonging
202	2/9	11:00 AM	Ballroom 6B	Creating Welcoming Spaces in Mathematics Through the Lens of Indigenous Worldviews	Florence Glanfield	Session	Introduction	General	Fostering Belonging and Value
203	2/9	11:00 AM	Ballroom 6E	Our Children Are Not Numbers: Humanizing Mathematics Assessment and Grading Practices	Jody Guarino, Shelbi Cole, Michelle Sperling	Session	Intermediate	General	Improving Students' Sense of Value and Belonging
204	2/9	11:00 AM	Ballroom 6C	Social Justice Through Mathematics Instruction	Monique Harrison, Jessica Tufts	Session	Introduction	General	Developing Effective Advocacy Practices
204.1	2/9	11:00 AM	303	Productive + Struggle = Student Success in Mathematics (K-5)	Angela Campana	Exhibitor Workshop	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge

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204.2	2/9	11:00 AM	612	Math in Action: Enhancing Math Communities & Team-Building (Grades 6 - 12)	Anya Dalkin	Exhibitor Workshop	Introduction	Coaches/Leaders/Teacher Educators	Valuing Students' Authentic Funds of Knowledge
204.3	2/9	11:00 AM	611	The Power of Implementing Belonging Interventions in Secondary Mathematics	Arianna Irwin	Exhibitor Workshop	Introduction	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value
205	2/9	11:30 AM	602/603	Building Confidence in Mathematics Through Productive Participation	Laurie James	Burst	Introduction	3 to 5	Developing Effective Advocacy Practices
206	2/9	11:30 AM	606	Engaging Elementary Students in Self-Assessment Through Math Rubrics	Carolyn Mitten	Burst	Introduction	3 to 5	Improving Students' Sense of Value and Belonging
207	2/9	11:30 AM	609	Pom-Pom Math: Supporting Multi-Digit Computation Through Hands-On, Rigorous Place Value Play	Lindsay Kapek, Katrina Tabari	Burst	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge
208	2/9	11:30 AM	604	A Fishy Way to Connect Statistics and Proportional Reasoning	Shelley Kriegler, Cynthia Raff, Mark Goldstein	Burst	Introduction	6 to 8	Valuing Students' Authentic Funds of Knowledge
209	2/9	11:30 AM	608	Ideas for Using AI to Improve Mathematics Instruction in Secondary Education	Sandra Miles, Katherine Vela	Burst	Introduction	8 to 10	Using Innovative Technology
210	2/9	11:30 AM	3B	Describe It! Building Vocabulary Through Communication	Amy White	Burst	Introduction	10 to 12	Valuing Students' Authentic Funds of Knowledge
211	2/9	11:30 AM	307/308	Engaging Students in Math Through Social Justice and Long-Term Team Projects	Mark Roddy	Burst	Introduction	10 to 12	Valuing Students' Authentic Funds of Knowledge
212	2/9	11:30 AM	204	What's Happening with CO2 in the Atmosphere? A Precalculus Model for Atmospheric Carbon Dioxide	Kevin Bartkovich	Burst	Intermediate	10 to 12	Valuing Students' Authentic Funds of Knowledge
213	2/9	11:30 AM	211	Coaching Elementary Teachers Through Math Anxiety to Encourage Student Achievement	Daniella Barajas	Burst	Intermediate	Coaches/Leaders/Teacher Educators	Eliminating Barriers to Inspire Creative Pathways
214	2/9	11:30 AM	4C4	Digging into a Finer Grain of Mathematics Ability	Lisa Bickel, Sue Steinkamp, Ph.D.	Burst	Introduction	Coaches/Leaders/Teacher Educators	Improving Students' Sense of Value and Belonging
215	2/9	11:30 AM	613/614	Using Math PLC Team Design to Create and Implement Successful Secondary Intervention Classes	Yas-Meen West	Burst	Intermediate	Coaches/Leaders/Teacher Educators	Developing Effective Advocacy Practices
216	2/9	11:30 AM	3A	Sense of Value and Belonging via Unit Plan Development	Udita Gupta	Burst	In-Depth	Higher Education	Improving Students' Sense of Value and Belonging
217	2/9	11:30 AM	607	Studying College Math Recitation Sessions' Effects on Peer Engagement and Course Success	Catie Corchado	Burst	Introduction	Higher Education	Valuing Students' Authentic Funds of Knowledge
218	2/9	1:00 PM	4C2	Building Thinking Classrooms: Practical Application of Liljedahl's Strategies in Lake Stevens School	Kristen Wickizer	Session	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
219	2/9	1:00 PM	618/620	Extreme Skydiving: A Calculus Model for a Skydiver's Decent Accessible to All Calculus Students	Kevin Bartkovich	Session	Intermediate	10 to 12	Valuing Students' Authentic Funds of Knowledge
220	2/9	1:00 PM	Ballroom 6A	The Belonging Curse-Breaker: Infusing Belonging to Break Curses and Barriers to Mathematics Success	Emily Curtis, Mary Hosten	Session	Introduction	10 to 12	Eliminating Barriers to Inspire Creative Pathways
221	2/9	1:00 PM	2AB	Addressing the Crisis in Math Literacy for Black Students	Kirk Kirkwood	Session	Intermediate	Coaches/Leaders/Teacher Educators	Improving Students' Sense of Value and Belonging
222	2/9	1:00 PM	Ballroom 6E	Choosing to See Together: Collaborative Reflection on Equitable Practices in Math	Elizabeth Caccavella, Erica Bernard	Session	Intermediate	General	Fostering Belonging and Value
223	2/9	1:00 PM	Ballroom 6C	Humanizing Systems for Teaching and Learning: The Interconnectedness of Joy, Agency, and Belonging	John Drake, Jody Guarino, Joanna Hayman	Session	Intermediate	General	Developing Effective Advocacy Practices
224	2/9	1:00 PM	201	Making the Learning Stick: Using Brain Science to Help Our Students Retain Concepts (K-6)	Jen Hunt	Session	Intermediate	General	Valuing Students' Authentic Funds of Knowledge
225	2/9	1:00 PM	615/617	Mathematical Hearts: Cultivating Culturally Responsive Mathematics Teaching in Elementary Classrooms	Julia Aguirre, Maria Zavala	Session	Introduction	General	Fostering Belonging and Value
226	2/9	1:00 PM	Ballroom 6B	The Bus Stops Here!	Karin Lee, Jordan Smith Jr.	Session	Intermediate	General	Eliminating Barriers to Inspire Creative Pathways
227	2/9	1:00 PM	4C3	What Does It Mean to be Good at Math?	Lidia Gonzalez	Session	Introduction	General	Fostering Belonging and Value
227.1	2/9	1:00 PM	611	The Teaching and Learning of Mathematics is About Ideas	Zachary Champagne	Session	Introduction	Pre-K to 2	Fostering Belonging and Value
227.2	2/9	1:00 PM	303	Playing with Quadratics in Standard Form & Other Curiosities	Curtis Brown	Exhibitor Workshop	In-Depth	10 to 12	Using Innovative Technology
227.3	2/9	1:00 PM	612	K-5 Teacher Imagine Learning Illustrative Mathematics "Make and Take" Math Center Workshop	Anya Dalkin	Exhibitor Workshop	Introduction	Coaches/Leaders/Teacher Educators	Valuing Students' Authentic Funds of Knowledge
228	2/9	1:00 PM	204	Honoring Differences: Invented Strategies for Multi-Digit Addition and Subtraction	Donna Boucher	Workshop	Introduction	Pre-K to 2	Eliminating Barriers to Inspire Creative Pathways
229	2/9	1:00 PM	606	Bring Back That Loving Feeling: Using PERMA to Restore Joy	Dawn Pagliaro-Newman, Melissa Singer	Workshop	Introduction	3 to 5	Fostering Belonging and Value
230	2/9	1:00 PM	613/614	Fluency Isn't 40 Problems	John SanGiovanni	Workshop	Intermediate	3 to 5	Eliminating Barriers to Inspire Creative Pathways
231	2/9	1:00 PM	609	Learning Mathematics Through Games! Oh My!!!	Maria Diamantis	Workshop	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge

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232	2/9	1:00 PM	602/603	CANCELLED: 'Mary, Mary, quite contrary, how does your garden grow?' Using Nature to Nurture Mathematical Thinking	Laurie Boulden	Workshop	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge
233	2/9	1:00 PM	604	Building Students Math Habits and Dispositions in a Second Math Class	Maci Nelson, Mei Pontano	Workshop	Introduction	6 to 8	Valuing Students' Authentic Funds of Knowledge
234	2/9	1:00 PM	307/308	Discussion Protocols That Ensure All Voices in the Classroom are Heard	Benjamin Allen, Abdullah Chaudry	Workshop	In-Depth	6 to 8	Valuing Students' Authentic Funds of Knowledge
235	2/9	1:00 PM	4C4	Shifting Gears: Models for Middle Level Math Instruction	Rebecca Rousseau, Melinda Lyon	Workshop	Introduction	6 to 8	Valuing Students' Authentic Funds of Knowledge
236	2/9	1:00 PM	607	Supporting English Learners to Connect Experiences to Math in a Three-Moment Lesson Architecture	Andrew Haiwen Chu	Workshop	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
237	2/9	1:00 PM	608	Supporting Multilingual Learners Through Integrated English Language Development Math Classes	Kristine Cunningham, Sally Claypool	Workshop	Introduction	8 to 10	Fostering Belonging and Value
238	2/9	1:00 PM	3A	Learn to Build New Application Models for Algebra, Then Teach Your Students to Build These Models.	Diana Fisher	Workshop	Introduction	10 to 12	Using Innovative Technology
239	2/9	1:00 PM	211	Creating the Capacity for Change: Structures for Empowering Elementary Teachers	Susan Totaro, Melissa Pearson	Workshop	Introduction	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value
240	2/9	1:00 PM	3B	Ethnic Studies Principles in STEM Classrooms	Naehee Kwun, Kris Houston	Workshop	Introduction	Coaches/Leaders/Teacher Educators	Valuing Students' Authentic Funds of Knowledge
241	2/9	2:30 PM	618/620	Assessment Interviews: Moving Beyond Timed Tests	Susan Loveless	Session	Introduction	3 to 5	Improving Students' Sense of Value and Belonging
242	2/9	2:30 PM	2AB	Strategies to Amplify Student Voice and Increase Engagement	Jennifer Lempp	Session	Intermediate	3 to 5	Eliminating Barriers to Inspire Creative Pathways
243	2/9	2:30 PM	615/617	Strategies to Enhance Long-Term Learning	Jessica Bulgarelli	Session	Introduction	6 to 8	Valuing Students' Authentic Funds of Knowledge
244	2/9	2:30 PM	Ballroom 6B	Young Mathematicians Take Action Through Sport Clinics	Jennifer Suh, Gretchen Maxwell, Julia Aguirre	Session	Intermediate	6 to 8	Fostering Belonging and Value
245	2/9	2:30 PM	Ballroom 6A	Anchoring Connections: Exploring Ways to Engage Students Through Rich Problems	Jana Rupp	Session	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
246	2/9	2:30 PM	611	11 Effective Strategies for Teaching Math to Students Who Have Given Up on Learning	Jordan Smith Jr Ed. D., Karin Lee	Session	Introduction	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value
247	2/9	2:30 PM	4C2	Learning Together: A Framework for Meaningful Professional Development	Claire Wambold, Kathy Trosvig	Session	Introduction	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value
248	2/9	2:30 PM	201	Supporting Teacher Leaders to Advocate for Systemic Change	Estelle Woodbury, Lisa Jilk	Session	Intermediate	Coaches/Leaders/Teacher Educators	Developing Effective Advocacy Practices
249	2/9	2:30 PM	Ballroom 6E	Assessment Alchemy	Jill Place, Josh Simmons	Session	Intermediate	General	Improving Students' Sense of Value and Belonging
251	2/9	2:30 PM	Ballroom 6C	Feedback > Grades	Derek Fialkiewicz	Session	Intermediate	General	Improving Students' Sense of Value and Belonging
251.1	2/9	2:30 PM	303	Ratios, Rates, and Percents, Oh My! (6-8)	Angela Campana	Exhibitor Workshop	Introduction	6 to 8	Valuing Students' Authentic Funds of Knowledge
251.2	2/9	2:30 PM	612	No More Mad Minutes! XtraMath is a better way to build fact fluency than timed math drills.	Roy King	Exhibitor Workshop	Introduction	Pre-K to 2	Using Innovative Technology
252	2/9	2:45 PM	4C4	Equity and Access Through Counting Collections in Grades 3-5	Carrie Thornton	Workshop	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge
253	2/9	2:45 PM	204	Exploring the 5 Spaces Framework to Promote Belonging, Confidence, and Competence	Laura Grandau, Rachel Hill	Workshop	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge
254	2/9	2:45 PM	613/614	Joyful Math Instruction: Fostering Inclusive and Affirming Classroom Environments	Jennie Beltramini, Astrid Fossum, Aly Martinez	Workshop	Introduction	3 to 5	Valuing Students' Authentic Funds of Knowledge
255	2/9	2:45 PM	608	Amplifying Students' Voices to Develop Mathematical Justification	Amy Lucenta, Grace Kelemanik	Workshop	Intermediate	6 to 8	Valuing Students' Authentic Funds of Knowledge
256	2/9	2:45 PM	3B	Rethinking Story Problems: An Adventurous Merging of Mathematics and Narrative	Jason Ermer	Workshop	Introduction	6 to 8	Valuing Students' Authentic Funds of Knowledge
257	2/9	2:45 PM	606	Want to Develop Fluency with Functions? Algebra-fy Patterns!	Thomas Beatini	Workshop	In-Depth	6 to 8	Valuing Students' Authentic Funds of Knowledge
258	2/9	2:45 PM	3A	Fractals as an Introduction to the Wonder, Joy and Power of Modern Mathematics	Peggy Beauregard	Workshop	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
259	2/9	2:45 PM	307/308	SEL and the Brain: Understanding Their Effect on Student Learning	Adam Varnes	Workshop	Introduction	8 to 10	Fostering Belonging and Value
260	2/9	2:45 PM	609	Using Net Worth to Understand Equality Relations, Linear Equations, and Wealth	Philip Dituri, Jack Marley-Payne	Workshop	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
261	2/9	2:45 PM	604	Status Report: How Year 1 of my AP Precalculus Experience is Going (with some related activities)	Ruth Miller	Workshop	Introduction	10 to 12	Eliminating Barriers to Inspire Creative Pathways
262	2/9	2:45 PM	607	The Perfect Math Credit: NGPF's Financial Algebra	Kathryn Dawson	Workshop	Introduction	10 to 12	Eliminating Barriers to Inspire Creative Pathways
264	2/9	2:45 PM	602/603	Equity Commentators + Focal Students: Elevating Math Excellence and Social Justice in Lesson Study	Harold Asturias, Susie Hakansson, Kyndall Brown	Workshop	Introduction	Coaches/Leaders/Teacher Educators	Fostering Belonging and Value