

Session No.	Date	Time	Room	Session Title	Speakers	Type	Content Level	Audience	Strands
Thursday, February 8									
19	2/8	8:00 AM	211	Activating Agency for Emerging Multilingual Learners	Brianna Ruiz, Susan Hoffmier	Workshop	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
20	2/8	8:00 AM	607	Mathropology - (Math and Anthropology) - Topics and Activities That Enhance Interest and Equity.	Richard Bramer	Workshop	Introduction	8 to 10	Fostering Belonging and Value
21	2/8	8:00 AM	606	Standards-Based Grading in Math Classes: How Does It Work and How Does It Foster Student Belonging?	Sean Nank	Workshop	Introduction	8 to 10	Improving Students' Sense of Value and Belonging
30	2/8	9:30 AM	618/620	Culturally Relevant Teaching and Social Media: Connecting Statistics to Students' Identities	Lesa Covington Clarkson, Jialu Fan	Session	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
43	2/8	9:45 AM	609	Building Deep Mathematical Learning and Belonging Through Mathematical Modeling	Grace Kelemanik, Amy Lucenta	Workshop	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
44	2/8	9:45 AM	3B	Embedding Mathematical Uncertainty into Problematicized Instruction	Emily Starrett	Workshop	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
45	2/8	9:45 AM	604	Factoring Activities to Promote Growth in the Math Practices	Nolan Fossum	Workshop	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
54	2/8	11:00 AM	Ballroom 6A	An Introduction to Mathematics for Social Justice	Lidia Gonzalez	Session	Introduction	8 to 10	Fostering Belonging and Value
78	2/8	1:00 PM	2AB	Concrete Fading with Tape Diagrams and Its Effects on Students in Algebra I	Lisa Chen	Session	Introduction	8 to 10	Valuing Students' Authentic Funds of Knowledge
79	2/8	1:00 PM	Ballroom 6C	Thin Sliced Translations Using TI Graphing Technology	Andrew Walter	Session	Introduction	8 to 10	Using Innovative Technology
92	2/8	1:00 PM	307/308	Differentiated Assessment: A Simple Technique for Reaching and Teaching ALL Learners	Cary Hoste	Workshop	Introduction	8 to 10	Improving Students' Sense of Value and Belonging
93	2/8	1:00 PM	602/603	Going Deep! Using Student Discourse to Advance Student Thinking to the Next Level	Orson Spencer, Dawn Barson	Workshop	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
94	2/8	1:00 PM	3A	Increase Student Agency by Healing Math Trauma	Joshua Bean	Workshop	Introduction	8 to 10	Developing Effective Advocacy Practices
100	2/8	2:30 PM	2AB	Student-Created Videos: Using Technology to Increase Student Ownership and Validate Student Voice.	Drew Ishii, Joe DiOrio	Session	Introduction	8 to 10	Using Innovative Technology
115	2/8	2:45 PM	3A	Be a Mathematician! Helping Your Students Use Patterns to Discover Formulas	John Halmi	Workshop	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
116	2/8	2:45 PM	204	Using Purposely Ambiguous Patterns to Encourage Student Discussion	Kate Degner	Workshop	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
125	2/8	4:00 PM	4C3	Using Culturally Relevent Math Modeling to Connect Students with the Community	Betty Routhouska, Ken Keech, Nicole Fonger	Session	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
126	2/8	4:00 PM	615/617	What If Napoleon Had Used Quadrilaterals?	Raymond Klein	Session	Intermediate	8 to 10	Using Innovative Technology
139	2/8	4:30 PM	602/603	"Why-Cause?" Building Bridges Between Students' Lives and Math Class	Ryan Colon	Burst	Intermediate	8 to 10	Valuing Students' Authentic Funds of Knowledge
Friday, February 9									
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
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
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
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
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
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
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
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
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
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