

00:18:22 Andrea Simmons: Atlanta, GA
00:18:25 Kristine Dahlquist: I'm from Hawaii.
00:18:26 Elizabeth Cutter: Milwaukee, WI
00:18:27 Kelly Oliver: Nova Scotia, Canada
00:18:27 Jana Dean: Olympia WA
00:18:28 Philip Vahey: San Francisco
00:18:31 Abbigail Harris: SLC, Utah
00:18:31 Louann Fravel: Pittsburgh
00:18:32 Igraine Lynn Latumbo: Zuni, NM
00:18:33 Elle Fowler: Tulsa, OK
00:18:37 Ken Krehbiel: Hello Everyone, from Washington, D.C.
00:18:45 Ari Leventhal: Berkeley CA
00:18:46 Michael Lanstrum: Hello from Cleveland, Ohio
00:18:46 Kevin Dykema: Welcome from Mattawan, MI
00:18:55 Stacie Kuhn: Hello from AZ!
00:18:56 Lindsey Tosches: Massachusetts
00:19:01 Norma Borenstein Gordon: In the car! But not driving (MA)
00:19:05 Michael Lanstrum: Hello from Cleveland, Ohio
00:19:06 Melynee Naegele: Hi! I am Melynee in Verdigris, OK
00:19:11 Sunil Singh: Toronto
00:19:12 Maria Cooper: Arizona
00:19:15 Bea Luchin: Welcome! So glad you are here!
00:19:15 Adrienne Aldridge: Hello from Auburn, AL
00:19:26 Megan Siedman: Boston!
00:19:27 Norma Borenstein Gordon: Hi Sunil!
00:19:33 Melynee Naegele: Hi! I am Melynee in Verdigris, OK
00:19:34 Sunil Singh: Hi Norma ☺
00:19:34 Kathy Pilger: Kathy in Greenville, SC
00:19:37 Lori Johnson: Barrie, ON, Canada
00:19:42 Hannah Bodnar: Seattle, WA
00:19:45 Bea Luchin: Welcome! We're glad you are here.
00:19:50 Roger Ryan: Saint Simons Island
00:19:55 Golriz Karoubi: Toronto
00:19:56 Philip Bristol: Hello all from Freeport, NY
00:20:00 Victoria Peacock: Hello from Northern Virginia!
00:20:08 Erin Green: Wilmington, NC
00:20:20 Lok Raj Ojha: Very Good morning from Nepal
00:20:25 Jill Kalb: Arvada Colorado
00:20:38 Melynee Naegele: Hi Tulsa Friends! So glad you are here!
00:20:43 Linda Loomis: Washington, DC
00:20:48 Christine Musgrove: Hello from Illinois!
00:20:59 Heather Noe: Hello from Heather in Columbia, MO
00:21:13 Glen McMillan: Greetings from Guelph, Ontario, Canada!
00:21:14 Gail Saltveit: Hello from Portland, Oregon!
00:21:38 Karin Lange: Hello from Oklahoma City!
00:21:53 Nicole Rigelman: Hello from Portland, Oregon
00:21:56 Latrenda Knighten: Hello from Baton Rouge, LA
00:21:57 Sarah Mastrull: I'm a math instructional coach from Bristol, PA
00:22:03 Kwadwo Oppong: Hi from Chicago!
00:22:04 Brittany Bordewyk: Hello from Grand Rapids, Michigan!

00:22:14 Caitlyn Siegel: Hi from Chicago!

00:22:22 Tiffany Roddy: Hi from Alabama!!

00:23:26 Kristine Dahlquist: It's 1:00 in the afternoon in Hawaii. We had Baccalaureate this morning and Graduation tomorrow.

00:23:55 Libby Roesch: Awesome! This time of year is so exciting.

00:24:50 Adam Smith: I think we can. Maybe in PDF form. But maybe say "maybe":

00:25:37 Jennifer Wolfe: Position Statement:
<https://www.nctm.org/Standards-and-Positions/Position-Statements/The-Intersection-of-Culture-and-Mathematics/>

00:27:20 Jennifer Wolfe: Yes Melynee - Thank you for this grounding

00:30:45 Steve Ryan: Hi from Philadelphia

00:57:39 Kristine Dahlquist: Check out the University of Hawaii-Manoa's ethnomathematics curriculum library for lesson plans with a CRT focus. Here is the url: <https://coe.hawaii.edu/ethnomath/curricula/>

00:58:53 Brittany Bordewyk: Thank you for sharing!:)

01:01:54 Louann Fravel: Using cognitive flexibility, I can look for and express regularity in repeated reasoning

01:01:54 Megan Siedman: SMP2 - I can reason abstractly and quantitatively - this is GREAT for cognitive flexibility as we shift between the two modes of representation & reasoning

01:01:54 Emily Griffin: Students have to reason abstractly and quantitatively when they exercise inhibitory control in making sense of story problems.

01:01:54 Natasha Johnson-Blair: I can look for and express regularity in repeating reasoning

01:01:54 Mary Goetting: #5 precision-- EF, inhibitory control.

01:01:55 Hannah Bodnar: I can use appropriate tools strategically. Applies to shifting strategies, cognitive flexibility

01:01:55 Brittany Bordewyk: MP1: cognitive flexibility, thinking about what strategies are needed and trying new things when the first strategy doesn't work

01:01:56 Lori Johnson: I can construct viable argument and critique the reasoning of others- students need to listen to other students' reasoning which takes focus and some memory skills to ensure they understand their views/ strategies. Then they need to add their own ideas to their peers' ideas.

01:01:56 Kira Martin: I can model with mathematics.

01:01:58 Kimberly Haughee: Five requires flexibility as students realize different approaches are possible.

01:02:01 Jana Dean: Metacognition is key to math success. EF is a great way to frame that.

01:02:04 Dawn Barson: Use appropriate tools, cognitive thought

01:02:04 Eleanor Gillis: I can reference the model problem and think about what to do next.

01:02:05 Steve Ryan: Modeling can be accomplished in various ways and different models are more/less useful in different contexts (cognitive flexibility)

01:02:08 Caitlyn Siegel: I can model with mathematics

01:02:10 Annie Fetter: I love thinking about SMP1 and being cognitively flexible and open to my team's ideas.

01:02:20 Anna Blalock: Attend to precision

01:02:23 Hannah Young: Modeling with mathematics makes it meaningful and connects them to the content - working memory?
01:02:24 ♡ LaWanda Echoles: 1
01:02:27 Kristine Dahlquist: 1
01:02:32 Katy McGraw: Model with mathematics - Cognitive Flexibility used when connecting various models.
01:02:46 Erin Green: #3 - comparing multiple representations of linear functions (tables, graphs, equations, words) are a great place for viable arguments and critiquing reasoning
01:03:42 Demicco Witherspoon: 3-defend with reasoning, testing items reach DOK 3 level, great impact on test scores
01:03:51 Victoria Peacock: #3- works on language skills and could bring in all 4 language domains (reading, writing, speaking, listening) depending on the structure of the task
01:07:08 Jennifer Wolfe: Here are some links to resources/strategies to support you in your teaching:

Giving Math Cultural Meaning - NAESP article 1 of 3 series written by Bea Moore, BBA for National Association of Elementary School Principals
<https://www.naesp.org/resource/giving-math-cultural-meaning/>

01:07:39 Jennifer Wolfe: Align Your Math Mission to Promote Equity - NAESP article 2 of 3 series written by Pamela Seda, BBA for National Association of Elementary School Principals

<https://www.naesp.org/resource/align-your-math-mission-to-promote-equity/>

01:08:10 Jennifer Wolfe: <http://bbamath.org/index.php/bba-media/webinars/>

01:08:13 Jennifer Malue: The book - Choosing to See by Pamela Seda and Kyndall Brown :)

01:08:45 Jennifer Wolfe: Beatrice Moore Luchin The Importance of Integrating a Social Justice Approach Within the K-12 Mathematics Curriculum - FOREST OF THE RAIN PRODUCTIONS An Educational Affairs Organization 5 minute audio recording
<https://www.forestoftherain.net/beatrice-moore-luchin-the-importance-of-integrating-a-social-justice-approach-8203within-the-k-12-mathematics-curriculum.html>

01:09:16 Kristine Dahlquist: Culturally Responsive Teaching and the Brain by Zaretta Hammond

01:09:19 Jennifer Wolfe: Teaching Math through a Social Justice Lens
https://drive.google.com/file/d/1U6n50ojJygKiaumkecxsd5QD_LMA3z_0/view

01:09:42 Jennifer Wolfe: Thank you for sharing additional resources

01:10:55 Annie Fetter: I swear nobody is better at truly knowing her students than Melynee.

01:11:33 Kristine Dahlquist: Living Culturally Responsive Mathematics Education with/in Indigenous Communities

by Cynthia Nicol (Author)

01:12:08 Kristine Dahlquist: Women Art and Geometry in Southern Africa by Paulus Gerdes (Author)

01:12:39 Karin Lange: +1 to what Annie said above!

01:12:47 Adam Smith: <http://bit.ly/3UV1bVD>

01:13:12 Melynee Naegele: Thank you Annie and Karin! XO

01:13:17 Kristine Dahlquist: Culture That Counts: A Decade of Depth with the Journal of Mathematics & Culture [Print Replica] Kindle Edition

by Tod Shockey (Author)

01:13:41 Kristine Dahlquist: Thank you!

01:15:34 Shawn Kivley: Thank you!

01:16:35 Demicco Witherspoon: Lasr month, Missouri Council conference theme is centered on implementing equity in math. Glad to see this as a national initiative

01:18:02 Kristine Dahlquist: Use of the Hawaiian Star Map and voyaging is a great way to bring trigonometry into a classroom.

01:19:03 Jennifer Malue: Can you provide resources for these student surveys?

01:19:30 Lok Raj Ojha: Most of the students are less interested in leaning mathematics. I always use to try to convince them with treating individually. However, what best strategy would you recommend for making mathematics as the subject of hub and interest?

01:19:55 Kimberly Haughee: Is there a way to capture all these great links and ideas in the chat and send it out to us?

01:20:00 Philip Vahey: Thanks so much for a great session! And it is great to see the impact AERDF is having!

01:20:11 Sunil Singh: We need to be careful with the word "relevant", as it reduces mathematics to only practical considerations and gives an impression that mathematics can't be meaningful on its own. Culturally Responsive means attending to how all cultures explored mathematics because of its own wonder and curiosity.

01:20:23 Melynee Naegele: If you would like the surveys I use please email me: melyneen@gmail.com and I will be glad to share! I use Dr. Jamaal Matthew's 4Hs protocol and self reflective writing

01:20:54 Jennifer Malue: Thank you so much!!!! :)

01:21:18 Latrenda Knighten: Thank you so much for such an engaging session!

01:21:21 Hannah Bodnar: Thank you!

01:21:22 Emily Griffin: Thank you all!

01:21:29 Kevin Dykema: Thanks much- great session!

01:22:00 S Hyde: Great info. Thank you all!

01:22:10 Dawn Barson: Thank you

01:22:13 Brittany Bordewyk: Thank you! :)

01:22:14 Eleanor Gillis: EF is such an important factor to consider across spaces. Appreciate you sharing your expertise!!

01:22:19 Karin Lange: What an amazing team of presenters - thank you all!

01:22:28 Lok Raj Ojha: I am joining from Nepal, Very good morning to all. It 5:45 AM. Thank you so much NCTM team and panelist for this wonderful opportunity.

01:22:41 Erin Green: Thank you for a great session!

01:22:41 Adam Smith: @Lok: Ah! Such a good question! How do we make math interesting for math's sake! Because it IS INHERENTLY so interesting!

01:22:45 Kevin Dykema: @Lok- thanks for joining us so early!

01:22:46 Jennifer Malue: I can't wait for the annual conference! Hope to see you there! This was a wonderful presentation.

01:22:49 Dawn Barson: Can you put the QR code back up?

01:22:52 Demicco Witherspoon: GREAT INFORMATION A.D WEBINAR. THANKS SO MUCH

01:22:55 Kristine Dahlquist: I'll be doing a workshop in Chicago using ethnomathematics in Geometry class. Come see me

01:22:56 Hannah Young: Thank you all! Very informative!

01:23:02 Jennifer Wolfe: Thank you all for being here!

01:23:02 Elizabeth Heiden: Thank you!
01:23:15 Anna Blalock: Thank you.
01:23:16 Katie McDermott: Thank you!
01:23:23 Glen McMillan: Thank you!
01:23:36 Maria Cooper: Thank you :)
01:23:55 Annie Fetter: See some of y'all in New Orleans!
01:24:16 Aubrey Francisco: Thanks so much, all!
01:24:16 Mary Pittman: Thank you
01:24:27 Louann Fravel: Thank you
01:24:54 Natasha Johnson-Blair: Thank you
01:25:01 Igraine Lynnll Latumbo: Thanks