

Kristin Keith:Hello everyone! We will be at 7:30 pm

LA VERNE MITCHELL:I was wondering. Thank you.

Kristin Keith:Where is everybody from?

Carrie Mol:Central Vermont

Rachael Philbrick :Western Mass

Cynthia Garland-Dore:I am in San Antonio TX

Kristin Keith:Reston, VA

Ann Wallace:Shenandoah Valley, VA

Keith Setz:Wisconsin

Hilory Paster:Brookline, MA

Khushboo Bajpai:Bangalore,India

Melody Ng:Minneapolis

Arpita Bindagi:Bangalore, India

Jim Malamut:Oakland, CA

Alison Ellsworth:Portland, OR

Barbara Rappaport:Barbara Rappaport: Framingham, MA

Tracy Proffitt:Lynchburg, VA

Virginia Urban:Knoxville, Tn

Ismail Marul:Agawam,MA

Kathy Fottrell:Goodlettsville Tn

Ken Krehbiel:Ken Krehbiel

Ann Snow:Homewood, IL

Kathleen Hubbard:Brookline, MA

Norma Borenstein-Gordon:Brookline, MA

Ethan Smith:Oxford, MS

Christi Deveraux :Red Bluff, CA

Cathy Williams:Grand Forks, ND

Barbara Rappaport 2:is anyone else getting echoing?

Cassie Eatmon:Herndon, VA

Barbara Rappaport 2:nevermind

Linda Smith 2:Yes. There is a lot of echoing right now. Perhaps speaker can mute their computer speakers.

LA VERNE MITCHELL:Queens, New York

Barbara Rappaport 2:mute your speaker in the upper left hand corner

John Staley:John Staley

Amanda Taylor:Howell, MI

Jean Stohlman:Jean Stohlman, Oregon

Catherine DeMers:Charleston SC

Jackie Murawska:Chicago, Illinois

Kristin Keith:Linda, is there still an echo?

Cynthis Garland-Dore 2:Megan, Cambridge MA

Cynthis Garland-Dore 3:Karen, Cambridge MA

Julie McNamara:Berkeley, CA

Cynthis Garland-Dore 2:(Two of us didn't get emails so are also logged in as Cynthia)

Diana Zaragoza:There still is a bad echo. Having trouble understanding

Nicole Rigelman:Portland, Oregon

Ann Wallace:I'm on a mac and hear fine. Sorry!

Kristin Keith:I'm not hearing an echo.

Robert Berry:Charlottesville, VA

Diana Zaragoza:maybe if the speaker slows down a bit this will make it easier to hear?

Linda Smith:Linda Smith: Atlanta, GA Echo is gone now.

Arpita Bindagi 3:Try using your headphones / earphones, might help with the echo

Cathy Williams:no

Khushboo Bajpai:ThanksArpita

Rachael Philbrick :no thanks 0 just louder please

Diana Zaragoza:keep going

Robert Berry:No

Jennifer Ward:Tampa, FL

Steph Diehl:Alburtis, PA here

SJ:Somerville, MA

tim harrison 2:Canberra Australia

Jill Marshall:Lafayette, Colorado

Diana Zaragoza:Davis California

Margaret King:Margaret King: Hackensack, NJ

Priscila:Chicago, IL

Ahreum:Chicago, IL

Barbara Rappaport 2:will we be able to access this webinar at a later time?

Kristin Keith:We will post a recording tomorrow

Khushboo Bajpai:Thanks

Barbara Rappaport 2:great thank you

Stella Kim:Where will the recording be posted?

Kristin Keith:<http://www.nctm.org/webinars/EquitySocialJustice/>

Margaret King:thank you

Kristin Keith:you're welcome :)

Kristin Keith:Any questions for Danny, Karen & Julia?

Cathy Williams:What would you recommend for P

Cathy Williams:teacher prof dev.?

Noirin Foy:How to support/engage students who arrive in my Algebra 1 class with deficits in fractions, number lines etc?

Cathy Williams:yes

Jean Stohlman:Examples?

Arpita Bindagi:there is a basic aversion that mathematics as a subject faces, would you like to share you opinion about that? how do teachers handle this?

Tracy Frank:Still trying to wrap my head around the difference between math agency and identity.

Steph Diehl:What is your view/opinion on gifted programs and accelerating students in math?

John Staley:in part 2, you identify 5 Equity-based practices, how would you recommend introducing these to teachers and is there one where you would start first

Linda Smith:I second Steph's question.

Linda Smith:Are there any PD resources for teachers to examine their own beliefs about students of color and second languages?

Norma Borenstein-Gordon:Important K-8 but if you have to start which grade(s) might be a place to start?

Priscila:what are some of the ways in which you have seen the suggestions you make in the book in practice?

Priscila:\*take shape in practice

Margaret King:I teach 2nd grade. Are children at 7 and 8 be able to tell a story about their

mathematical experiences? If so, what would their stories look like?

Anne Marie Nicoll-Turner:What do you see as the best way to support families (adults) with reformed mathematics curriculum?

Jennifer Ward:Margaret, yes. they can connect it to their lives outside of school also. where they do math.

Margaret King:Can you please tell me the name of the person again who studied the girls in 3rd grade?

Jennifer Lenhardt:And consider our roles in the stories they are writing while their paths cross ours.

Arpita Bindagi:in the elementary years, the focus is more on accuracy, how to enable math talk in class? the thinking is lost when emphasis is on accuracy i feel.

Danny Martin:Maisie Gholson, University of Michigan. We have a published paper on that work

Margaret King:Thank you. Fascinating! Mathematical identity and agency.

Danny Martin:You are welcome

Jennifer Ward:What advice do you have for educators working to support the development of identity and agency with young mathematicians (age 3-5) working to counter narratives that emphasize “school readiness”?

Alison Ellsworth:Thank you for saying that all students are brilliant. That is such an important message and thing to remember.

Steph Diehl:We have a parent night (sometimes as part of the back to school session) where we have parents talk about their experiences in mathematics and then have them talk through some mathematics together and finally finish the night by playing some of the games and doing activities the students do together.

Danny Martin:Jennifer Ward, great question. I think the adults involved have to do the hard and brave work is countering deficit perspectives. I am shifting to early childhood and I am amazed at the way some of that literatures frames some students. There is more to say but that is a starting place.

Cynthis Garland-Dore 2:(A link to a Maisie Gholson paper:

[https://www.academia.edu/7022689/Smart\\_girls\\_Black\\_girls\\_mean\\_girls\\_and\\_bullies\\_At\\_the\\_intersection\\_of\\_identities\\_and\\_the\\_mediating\\_role\\_of\\_young\\_girls\\_social\\_network\\_in\\_mathematics\\_communities\\_of\\_practice](https://www.academia.edu/7022689/Smart_girls_Black_girls_mean_girls_and_bullies_At_the_intersection_of_identities_and_the_mediating_role_of_young_girls_social_network_in_mathematics_communities_of_practice))

Linda Smith:Some of us on this call may want to check out the TRU (Teaching for Robust Understanding) framework and resources evolving at <http://map.mathshell.org/trumath.php>. This framework takes into account Agency, Identity, and Authority in classrooms.

Margaret King:Excellent. Thank you for the link to the paper.

LA VERNE MITCHELL:In what other ways can you engage families that may not be able to always participate in parent-teacher conferences, etc so that we can all support their children?

Danny Martin:Yes, TRU is ambitious framework.

Jennifer Ward:Danny, thank you. I agree. I love to hear more of your thoughts and work in the area as it is my area of focus as well.

Danny Martin:Arpita, we have to question why mathematics is valorized in the ways that it is. Many of us have some thoughts about this. Please look into the critical math literature

Noirin Foy:How do you turn around students' identity in junior high school?

Arpita Bindagi:Thanks you Danny. I agree,

Linda Smith:Yes Danny - this work is going to take true courage. We cannot remain silent!

Danny Martin:Norin. We should think about the structures that have that impact on students. It is not just a matter of fixing students. The structures are often the problem.

John Staley:Danny, who would you recommend reading for critical math literature

Danny Martin:My work, Rico Gutstein, Paola Valero, Erika Bullock, Rochelle Gutierrez and a ton of others. Lists are tricky. but I am listing a few folks here. I am missing some great folks with this quick reply

Cynthis Garland-Dore 2:Thank you for the webinar

Anne Marie Nicoll-Turner:Thank you.

Ann Wallace:Thank you

Cynthis Garland-Dore 3:Thank you for writing this book and for sharing your thinking with us tonight

Margaret King:Yhank you

Steph Diehl:Thank you!

Linda Smith:Many thanks!

Arpita Bindagi:thank you

John Staley:Danny, Karen, and Julia Thank you.

Brian:thanks all

Jennifer Ward:Thank you!

Cassie Eatmon:Thank you

Danny Martin:Thanks Everyone