

00:22:28 Emily Kavanagh: Hi from Columbia, MD
00:22:30 Kyle Lopez: Hello Kyle from Cali
00:22:33 Shawn Towle: Shawn Towle from Portland, Maine
00:22:34 Virginia Lewis: I am Virginia Lewis from Longwood University in
Farmville VA
00:22:35 amanda robin: Amanda Robin, 5th Grade science Teacher from NOLA
00:22:35 Michael Lanstrum: Welcome from Cleveland, OH
00:22:36 Bob Knittle: Bob Knittle - Hudson, MA
00:22:36 Mikayla Chrisler: Hi from Wisconsin!
00:22:37 Linda Venenciano: Aloha from Hawaii
00:22:37 Bina Kachwalla: Hi from New Zealand
00:22:37 Cara Littlefield: Hi from Alexandria, VA.
00:22:38 Kriste Lyon: Hello from Durango, Colorado
00:22:38 Tina Hill: Howdy! from northeast TN
00:22:38 Megan Korponic: Hello from Wellington, Colorado
00:22:39 Mark Ellis: Hi from Fullerton, CA!
00:22:39 Mike Shaughnessy: hi Robert and Daveâ€™Mike in Portland
00:22:39 India Puch: India from SC
00:22:40 DeAnn Huinker: Hi Everyone! Welcome. Iâ€™m DeAnn from Milwaukee.
00:22:40 Pam Crombar: Pam Crombar 7th and 8th grade math Coppell, TX
00:22:40 Laura Partridge: Laura from Alexandria VA
00:22:41 Francine Hewett: Hello everyone! Fran Hewett in Indiana.
00:22:41 KEISHA SMITH: Hello from Alabama
00:22:41 Maureen Mejia: Maureen Mejia, Marysville, WA
00:22:42 Emily Barbee: Hi, I'm Emily rom Memphis
00:22:42 Toni Galassini: Hello from Chicago!
00:22:42 Trena Wilkerson: Hello from Waco, TX!
00:22:42 Kaaren Meyer: Hi from Vermont!
00:22:42 Wade Timmins: Hi from Iowa
00:22:43 Tanya Landry: Hi, from Baton Rouge, LA
00:22:43 Emily Handy: Emily from Bloomfield Hills, MI
00:22:43 jill brown: HI from Melbourne Australia
00:22:44 Sharon Black-MacKinnon: Hello from New Brunswick Canada
00:22:44 elyse banak: Hi from holliston ma
00:22:44 Ryan Rexer: Ryan from Socal
00:22:44 Patti Scharschmidt: Patti from Victoria, TX
00:22:44 Catherine Emerson: Catherine from Crowley TX
00:22:44 Faith Peddie: Hi all! Welcome to tonight's session!
00:22:44 Carol Matsumoto: Hi from Winnipeg
00:22:45 Marquita Morris: Hello, Marquita from Raleigh, NC
00:22:45 Olga Kosheleva: Hello, Olga from El Paso, TX
00:22:45 Kathleen Granaas: Hi Iâ€™m Kathleen from Colorado Springs, CO
00:22:45 Michael De Antonio Jr.: Michael De Antonio Jr. - Vice Principal for
the Newark Public Schools - Newark, NJ
00:22:46 Diana Green: Hello from delaware! I am Diana Green, Math Coach
at Dover High Schol
00:22:46 Reetu Sahni: Hello from Queens, NY
00:22:47 Elaine Gaston: Elaine Gaston from Amherst VA
00:22:47 Wendy Towery-Stove: Hello! Wendy from Phoenix, AZ
00:22:47 RACHEL WHITE: Hello from Southern Maine.

00:22:48 dana dulzo: hello everyone from dana in novi mi
00:22:48 Caroline Coggins: Hi from San Antonio, TX!
00:22:49 Eme Grace Suarnaba: hello from Texas!
00:22:49 Fideliz Mae Magno: Good morning from Philippines!
00:22:49 Alyson Eaglen: Hi I'm Alyson-- from VA~
00:22:49 Cruz Flores Vazquez: Hello from West New York, NJ
00:22:49 Nicole Veltri: Hi! From Los Angeles, CA
00:22:50 Jessica Houck: Hello from Gilbert, WV!!
00:22:50 Stephanie Curtis: Hello, Iâ€™m the Instructional Coach at
Calhan Middle School.
00:22:51 Grecia Galaviz: Grecia from Arizona
00:22:52 Portia Rombaoa: Hi! Iâ€™m Portia from the Philippines!
00:22:52 Cindy Bryant: Greetings from Springfield, MO
00:22:52 Fred Rectanus: Hi :-) Fred in P{Portland, OR. Good afternoon!!
00:22:52 Ronald Austria: Hello from North Carolina
00:22:52 Belinda Selfors: Hello from Minnesota
00:22:53 Kendra Edwards: Hi from Brooklyn, NY
00:22:53 Brandy Fairfax: Washington
00:22:53 Natasha Gambarov: Hello from MA
00:22:54 JoAnn Santiago: Hi, from Chicago Illinois
00:22:54 Rachael Carr: Hello, Rachael from San Antonio, tx
00:22:54 Laurie Horn: Hi Y'all from Texas!
00:22:54 Cristina Wong: Hello from Los
00:22:54 Kelly Sotsky: Hi from Massachusetts!
00:22:54 Ingrid Stallsmith: I am from Hanover, NH, where I work in a K-5
school.
00:22:54 Sharon Ling: Hi from NJ!
00:22:55 Victoria Negri: Hi everyone
00:22:55 Kristine Butz: Hello from PA
00:22:56 Maria Regan: Maria Regan...Georgia
00:22:56 LESLIE TEXAS: Hi from Louisville, KY
00:22:57 Kevin McLeod: Hello from Milwaukee
00:22:57 Hsiao-Ting Chiou: Hello from CA
00:22:58 Sara Klein: Hello from Iowa
00:23:00 Renee Combs: Renee Combs from North Carolina
00:23:00 Tiffany Gallagher: Hello from New Jersey!!
00:23:01 Valerie May: Hello from Oregon
00:23:01 Melissa Mohan: Hello from Palm Harbor, FL
00:23:02 Selby Gaylock: Hi Everyone. I am Selby from Brooklyn, NY.
00:23:02 Macobia Harris: Hello from Duncanville, TX
00:23:02 linda fulmore: Hello from AZ
00:23:03 Tara Chesney: Hello from Springtown, Texas
00:23:04 Chantel Bennett: Hello from Boise, Idaho
00:23:05 Catherine Bronikowski: Hello from Milwaukee, WI
00:23:05 melinda campbell: Hi. Melinda Campbell from Sarasota, FL
00:23:06 Mary Dionne: Hello from Maine!
00:23:06 Jonathan Marcovitz: Greetings from Fort Lauderdale
00:23:06 Sarah Bush: Welcome everyone!
00:23:07 David Martinez: Hello from New Mexico
00:23:08 Edward Beard: Buffalo, NY STAND UP!!!

00:23:08 Cristina Wong: Hello from Los Angeles, CA
00:23:09 Katherine Freeman: Hello everyone from Windsor, Ontario,
Canada.
00:23:10 Thomasenia Adams: Hello, Thomasenia - from Gainesville, FL
00:23:11 Kay Wohlhuter: Hi from Duluth, MN
00:23:11 Amy Dowdle: Hi from NC!
00:23:11 Marilu Deal: Hello From Ottawa, Ontario, Canada
00:23:12 Kristina Whiting: Hi Math teacher leader in Madison
Wisconsin-Kristina
00:23:12 Lloyd Baker: Hello from Buena Park
00:23:12 Shelly Gibson: hello from NC
00:23:12 Joanmarie Kulinka: From: Joan Kulinka Virginia Beach, Va
00:23:14 Dian Kurniawan: Good morning from Indonesia....
00:23:14 Julie Bormett: Hi from Madison, WI!
00:23:14 Sajitha Nair: hi everyone
00:23:15 PATRICK GUERRA: Mabuhay and good morning from Philippines-
00:23:15 Celerina Ocampo: Celerina Ocampo here from California
00:23:15 vandana kapilesh: hello from vandana
00:23:15 Rebecca Bogert: Hello from Phoenix AZ
00:23:16 Dewey Gottlieb: Aloha from Hawaii!
00:23:16 Delia Sotelo: Hello from Tucson, Arizona!
00:23:17 Aya Zvaigzne: there are more than 500 participants online, and WOW
00:23:17 Sharon Dawkins: hi everyone Sharon Dawkins from Brooklyn NY
00:23:18 Jane Juten: Jane from Duluth, MN
00:23:19 Emily Tietjen: Hello from CA!
00:23:19 Michelle Webb: Nashville TN
00:23:19 Janice Holland: Janice Holland, Algebra Readiness Coach, Suffolk, VA
00:23:19 Benjamin Rockoff: Hi from Boston
00:23:20 Paolo Bundoc: Hi! from manila philippines
00:23:20 Ashaki Coleman: Hello from Cherry Hill, NJ
00:23:20 Kimberly Rimbey: Hello from Phoenix, AZ!!!
00:23:21 Arlene Crum: Greetings from Olympia, WA. Director of Mathematics
at the Office of Superintendent of Public Instruction
00:23:23 Lawanda Mahomes: Hello everyone! Chicago, Illinois
00:23:23 Josh Bass: Hello, from Lee's Summit, MO!
00:23:24 Rhonda Schruby: Hello from Inglewood, CA. Go RAMS!!!
00:23:24 Magdy Said Aly: hi from Egypt
00:23:24 Lori McDevitt: Hello from Charlotte NC
00:23:24 Keryn Naso: hello from Long Island New York
00:23:24 Kevin Simpson: Hello from Dallas, Texas!!!
00:23:25 Ron Rivard: Hello
00:23:26 Magdy Said Aly: hi from Egypt
00:23:27 Magdy Said Aly: hi from Egypt
00:23:27 Charles Hiemer: Hello from Iowa!
00:23:28 Magdy Said Aly: hi from Egypt
00:23:28 Magdy Said Aly: hi from Egypt
00:23:29 Magdy Said Aly: hi from Egypt
00:23:30 Aya Zvaigzne: Everyone from all over the world
00:23:30 Magdy Said Aly: hi from Egypt
00:23:31 Kathryn Del Prete: Hi from NYC!

00:23:31 Beth Kobett: Hello Beth from
00:23:31 Christopher Brown: Hello from Coarsegold CA
00:23:31 Magdy Said Aly: hi from Egypt
00:23:32 Magdy Said Aly: hi from Egypt
00:23:33 Magdy Said Aly: hi from Egypt
00:23:34 Magdy Said Aly: hi from Egypt
00:23:35 ELLA CABRERA: Hello Everyone. Watching from Philippines
00:23:35 Stephanie Curtis: I work in Calhan and live in Colorado Springs, CO
00:23:36 Esther Winikoff: hello from Baltimore!
00:23:36 Ken Jensen: Ken Jensen- Math Instructional Coordinator in Aurora Colorado
00:23:37 LeAnna Deveaux-Miller: Hello Everyone: LeAnna Deveaux-Miller in New Providence The Bahamas
00:23:38 Aya Zvaigzne: wowsers
00:23:38 Meg Chandler: Ahoy from Tucson, AZ!
00:23:40 Kimberly Rimbey: Hello from AZ Math Leaders & AZ Assn. of Teachers of Mathematics!!!!
00:23:43 Dave Hankin: Hello again from Globe, Arizona!
00:23:45 Marie Martin: Greetings from Georgia!
00:23:45 Beth Kobett: Beth from Maryland
00:23:48 Jacqueline Booker: Good afternoon from Los Angeles, CA
00:23:51 Tim Bobay: Greetings from Raleigh, NC
00:23:52 Alicia Broadwater: Hello all from Virginia Beach, VA
00:23:52 Ondrea Johnston: Hello from Boston, MA
00:23:53 Jen Knudsen: hi from Austin Texas
00:23:53 Erin Barlow: Erin from CT
00:23:54 Marty Beck: Marty Beck, Math Curriculum & PD Teacher Leader in Bettendorf, IA
00:23:55 Carolyn Straight: Hello, From Jacksonville, Florida
00:23:55 Jenn Mcintosh: Hello from Woodstock, GA!
00:23:56 Magdy Said Aly: hi from Egypt
00:23:56 Magdy Said Aly: hi from Egypt
00:23:57 Magdy Said Aly: hi from Egypt
00:23:58 Magdy Said Aly: hi from Egypt
00:23:59 Magdy Said Aly: hi from Egypt
00:23:59 Kathleen Hankinson: Hello from Florida!
00:24:00 Abdul Razak Othman: Abdul razak from malaysia
00:24:01 Magdy Said Aly: hi from Egypt
00:24:02 Remy Poon: Hi, Remy from Washington
00:24:05 Chonda Long: Hello from Northern Virginia
00:24:06 Jan Back: Hello, Jan Back from Hampton, Tennessee
00:24:08 VANESSA ROBLES: Hi! :) Watching from the Philippines. ḡŸ†μḡŸ†-
00:24:09 michael countee: MICHAEL COUNTEE INGLEWOOD USD SIGNING IN
00:24:16 Patti Gawronski: Hi from Texas
00:24:17 Noe Eugenio: Greetings from the Philippines!
00:24:17 Jeff Shih: Hi from Las Vegas
00:24:19 Tierney Daughtry: Good Evening Ms. Daughtry from Brooklyn, NY
00:24:19 Victoria Campbell: Hello from Tucson, AZ!
00:24:19 Lorie Huff: Hello from Fayetteville, Arkansas

00:24:19 Brandi Ledbetter: St. George Utah
00:24:20 Nahed Sabra: Hi i am Nahed sabra from Everett ,WA
00:24:20 fran vonella: Hello from Windsor Ontario
00:24:20 Endia Hatcher: Hello from Portsmouth, VA
00:24:21 LAILANIE DAYO: Goodmorning Here from Philippines
00:24:21 Shelly Biggin: Wisconsin
00:24:21 Jeanetta Glass: Hello from Memphis, TN
00:24:21 Alison Walker: Hello Alison Walker Darien, Georgia
00:24:22 Lisa Rogers: Hello from Colorado Springs, CO
00:24:23 Alexander Banihashemrad: Hello all from Austin
00:24:24 Jennifer Ryan: Greetings from Woodbridge, VA
00:24:27 Farwa Hussain: Hello from Richmond
00:24:29 Kari Meldrum: Hello from South Carolina
00:24:30 Emerson Roman Sanchez: ¡Hola! Emerson from Mexico City.
00:24:34 Rita Shamrock: Rita from Senoia, GA
00:24:36 Gunnar Guttormsen: Hello from Kelso, WA
00:24:36 Christy Plummer: Hello from Nashville, TN
00:24:37 Jaclyn Murray: Hi from Cumming, GA.
00:24:37 Myra Absin: Hi from Philippines.
00:24:39 Nicole Rigelman: Hello from Portland, OR
00:24:39 Karoulin Aljoris: hi michigan
00:24:41 Dee Crescitelli: Hiya from Kentucky!
00:24:42 Stephenia Courtney: Hello from Las Vegas, NV
00:24:45 Gricelda Monroy: Hello from Chicago! 3rd grade teacher :)
00:24:45 Crystal Dean: Hello from Lincolnton, NC
00:24:47 Tracey Jaggi: Hello from Michigan!
00:24:47 Karoulin Aljoris: how are you
00:24:48 Paaru Kwiatkowski: Hello everyone, from Southern California!
00:24:49 Denise Pusateri: Hello from Jamestown, NY
00:24:52 Mahima Tonk: Hello everyone...Mahima from India
00:24:55 Valerie Vanderport: Hello from Mukilteo Washington
00:24:55 Magdy Said Aly: hi from Egypt
00:24:56 Magdy Said Aly: hi from Egypt
00:24:57 Magdy Said Aly: hi from Egypt
00:24:58 Magdy Said Aly: hi from Egypt
00:25:00 Magdy Said Aly: hi from Egypt
00:25:01 Chrystina Harich: Hello from Salt Lake City Utah
00:25:02 April Thompson: Memphis
00:25:06 Michelle Griffin: Hello from Upstate NY! HS Math teacher
00:25:07 Magdy Said Aly: hi from Egypt
00:25:08 JASMIN GUERRERO: good morning, watching from lipa citu
batangas Philippines
00:25:10 Charlene Atkins: Hello All!
00:25:12 Fevi Rahwamati Suwanto: Hello, Fevi from Indonesia
00:25:17 Karin Lee: From So CAL
00:25:17 Jennifer Lewis: NC
00:25:18 Karoulin Aljoris: third grade
00:25:26 Jeanne Simpson: Good evening from Alabama
00:25:27 Gayatri Mehta: Hello everyone... Gayatri from India
00:25:34 Joseph Vignolini: joe from Virginia

00:25:34 Karin Lee: Hi from So Cal
00:25:37 Tara Jaeger: Hi From Wisconsin!
00:25:38 Pallepati Sangeeta: hello every one. Sangeeta from India
00:25:40 Lance Brauchla: hello from IN
00:25:43 Sabrina Brittan-Hughes: Hello from Sabrina Brittan-Hughes here at
Quil Ceda Tulalip Elementary with the Marysville School District.
00:25:44 Myra Absin: Good morning .. everyone.
00:25:45 Laura Rayfield: Laura from NC
00:25:50 Chaka Langevine Casey: Hello Everyone, From Brooklyn NYC
00:25:53 George Roy: George from Columbia SC
00:26:07 Tracy Sykes: Hello all from Chicago
00:26:11 Konnie Guthrie: Hello from Las Vegas
00:26:20 Shana Swain: Hello from Houston, TX
00:26:41 Alison Walker: Hello everyone Alison Walker Darien Georgia
00:26:45 Shannon Silva: Hello from Elk Grove, California
00:26:46 Aya Zvaigzne: God bless you and all of us, and however you want
to say that, please know I am telling you in the most humble way possible, how
grateful I am, and I know for certain that others are most grateful for this, since
some of us are very financially challenged, and could only ever dream of attending a
conference together. It is an honor and privilege, to be with everyone, and to
learn from those upon whose shoulders we stand.
00:26:48 Latasha Little: Hi from Chicago!
00:27:04 Gabrielle Price: Hello from Lakewood ,CA
00:27:12 Patrice McJett: Hello, from Waldorf, MD
00:27:21 Rolando II Delos Reyes: Hello from Manila Philippines
00:27:30 Keryn Naso: I can't hear anything
00:27:39 David Graf: Hello from Boston
00:27:43 Stephanie Byrd: Hello from GA
00:27:55 Faith Peddie: @Aya, thank you for the awesome message. Gotta love
this webinar community!
00:28:04 Chona Llantero: Hello from Batangas Philippines
00:28:07 Marquia Rabb: Hello from CT
00:28:16 Christine Galle: Hi from Iowa
00:28:26 Aya Zvaigzne: I made typos, while my bandwidth froze, thank you.
We are all here together.
00:28:32 Natalie Hannan: Hello from Dubuque, Iowa
00:28:34 David Barnes: @Keryn - Check your audio under the microphone.
00:28:39 Honey Sacro Swem: Hi from Redlands, CA
00:28:43 Susan Bardenhagen: Patrice in Waldorf- I taught at Middleton ES
79-81 =)
00:28:58 Susan Bardenhagen: Susan, northern VA 35 miles SW of DC
00:29:14 DeAnn Huinker: This link takes you to ordering information:
www.nctm.org/change
00:29:24 ALONA M.GONZALVO GONZALVO: hello from philippines
00:29:25 Amy Nordhoff: Hello from Salisbury, Maryland
00:29:36 Shannon Pasvogel: Hello everyone, Shannon Pasvogel here from
Eastern Iowa.
00:29:47 Jorge Veloso: I'm back
00:29:56 DeAnna Moreau: Hello from Chesterfield VA
00:30:04 Susan Bardenhagen: What time/day is it in the Phillipines right

now? =)

00:30:15 Pam Stidham: Hello from Kingsport, TN!

00:30:16 Jolene Peterson: Phew! Trouble joining the link, but glad to be here! From Kansas. :)

00:30:28 Sarah Bush: Thank you all for joining our CC PK-12 kickoff!

00:30:35 Honey Sacro Swem: Hi @ChonaLLantero and @AlonaMGonzalvo - I used to live in the Philippines. Here's my email honey1403@verizon.net.

00:30:43 April Thompson: Just got the middle school book in the mail. Can't wait to read it.

00:30:48 Aya Zvaigzne: I am in high school. Everything that everyone does in elementary school and middle school is crucial for what we inherit.

00:30:58 Honey Sacro Swem: @SusanBardenhagen, it's probably 4am now in the Philippines

00:31:10 Sarah Bush: Here is a link to the CC page:
<https://www.nctm.org/change/>

00:31:12 Aya Zvaigzne: One hundred percent, one thousand percent behind you all, and ready to help.

00:31:14 Tina Hill: @Pam Stidham -- Hello!

00:31:33 Mary France Imperial: hello from Manila Philippines

00:31:50 Pam Stidham: Hello Tina Hill!

00:32:15 Melynee Naegele: Thank you for hosting tonight! Melynee in Claremore, OK @mnmmath

00:32:18 DeAnn Huinker: Both Print and eBook versions are available for the books.

00:32:21 Honey Sacro Swem: Hi @Mary France Imperial - I used to teach in the Philippines. Here's my email honey1403@verizon.net, so I can share Math resources with teachers from the Philippines.

00:32:39 JASMIN GUERRERO: @Susan Bardenhagen its 7 am here in Philippines í ½í,Š

00:32:49 DeAnn Huinker: We love the Resource Guides, be sure you check them out. www.nctm.org/change

00:33:44 Jolene Peterson: I heard that NCTM is working on some competencies. Is that true? I'm working on these with a group in Kansas and would love to know a little bit about how these may look.

00:33:48 Jennifer Kissane: Hello from suburban Chicago. Elem School math intervention and private math tutor Kinder-Algebra 1

00:34:05 Susan Shuart: Hello from Farmville, Va

00:34:12 Susan Shuart: Math 7 and Algebra 1

00:34:22 DeAnn Huinker: A Book Study Guide for the High School Book is available for free download. We just completed Book Study Guides for the Early Childhood/Elementary and the Middle School books. The Book Study Guides should be posted within the week.

00:34:38 Tracy Sykes: @Jennifer.....good to see you joining us. :)

00:34:46 Shannon White: Hi from Ontario, Canada. Math Facilitator for my school board.

00:34:46 Catherine Castillo: That is great news about the book study guides! Thank you:) We love the HS

00:35:09 Raymundo Pecjo: Hello from Maryland USA

00:35:12 DeAnn Huinker: The High School Book has a list of 41 Essential Concepts, essential knowledge for all students.

00:35:16 Michelle Griffin: I'm in a book study on the HS book -- it's awesome!

00:35:35 Mike Shaughnessy: interesting. That NAEP growth continued until the Common Core Standards came in!

00:35:39 Sarah Bush: We are so excited about the resource guides!

00:35:39 Lesly Brown: Hello from Knoxville, TN. Glad to get in. I was having computer issues.

00:35:41 Raymond Johnson: *sniff* No love for the Agenda for Action. George Immerzeel would feel left out. ;)

00:35:45 DeAnn Huinker: No, NCTM is not currently working on a list of competencies. Not sure where you hear that.

00:36:09 Mary France Imperial: Hi @Honey Sacro Swen.. thank you in advance

00:36:18 DeAnn Huinker: Good Point: Agenda for Action predated Curriculum and Evaluation Standards and was an important precursor to it.

00:37:05 Sabrina Brittan-Hughes: Omg. Thank you for saying that.

00:37:27 DeAnn Huinker: It also seems that achievement became stagnant when NCLB was passed and the focused changed to testing and less to learning.

00:37:38 Sarah Bush: Yes Sabrina!

00:38:23 Emily Kavanagh: I could not agree more

00:38:29 Shannon Houghton: Yes!

00:39:08 Toni Galassini: Agreed! Agency and identity are so important especially for our early learners.

00:39:10 Dee Crescitelli: What DeAnn just said! We focused too much on what was easily tested for accountability as opposed to real problem-solving, which NAEP calls for.

00:40:04 DeAnn Huinker: Exactly, Dee. NAEP shows that children do well with Basics but they don't have the deep understanding and flexible problem solving abilities to move them to the proficient level.

00:41:03 MARDONIO FIGUEROA: Hi I am from New York

00:41:40 Nicole Rigelman: AMEN regarding the ways that our national testing has led to teaching focused on a test. How might we use the fact that we were able to get rid of the tests this year to catalyze change in future years?

00:42:17 Robin Schwartz: Hi Mardonio NYC from Robin NYC (Touro)

00:43:15 MARDONIO FIGUEROA: Wow ! Hi Robin

00:43:52 David Barnes:
https://docs.google.com/document/d/1zZ9-CwMLW7YPKoJR81XFW8NN_QyG2ScLV4ctXGpQcWo/edit?usp=sharing

00:43:53 Latasha Little: Hi!

00:44:43 Mark Phipps: 190 folks in a breakout!

00:46:05 Marquia Rabb: We love using Technology to teach!!!

00:46:10 C Robertson: I don't know if I am in the right place. I lost a connection!

00:46:19 Marquia Rabb: We use our smart board often

00:46:20 Delia Sotelo: Invite families to share their funds of knowledge

00:46:35 Rosa Hernandez: family math nights

00:46:36 Bernita Johnson: Math Game Night

00:46:41 Mark Phipps: Might need to make a table for next time in the Google doc so people can pick a square and type

00:46:41 Jeanette Hogan: Have co workers observe each other, and observe in other schools

00:46:44 Wendy Towery-Stove: Math clubs that involve kids having fun with math

00:46:54 Meg Chandler: VERTICAL conversations are critical!!

00:46:55 Ivan Davalos: using Google Meet

00:46:57 Pam Crombar: Rich vocabulary

00:47:15 Jenalyn Montaña: Hello everybody I am from Philippines. God bless you all!™

00:47:18 Laura Partridge: Cross curricular projects so see how math is involved in all subjects.

00:47:23 Kristina Whiting: professional development with teachers to support growth mindset and willingness to engage in multiple modes of presentation/expectations for the way that we allow/expect students to present their thinking

00:47:27 Paolo Bundoc: maximizing the social media and video platforms in communicating with parents and students, make follow ups

00:47:29 Deborah Robbins: Math Workshops for parents

00:47:33 Marquita Morris: Have a night where parents can come to learn new strategies.

00:47:35 Paloma Carrera: projects across multiple subjects

00:47:37 Jamie Rossi: Project collaboration with other subjects

00:47:44 Marquia Rabb: Yes, newsletters and workshops for parents

00:47:44 Ivan Davalos: daily Math Challenge problem

00:47:46 Lesly Brown: We meet with parents at least four times per year, and we discuss where we want to progress in different classes such as math and how we are going to get there.

00:47:56 Jamie Rossi: math olympiads

00:47:58 Delia Sotelo: Home visits to gain knowledge about families

00:47:58 Catherine Castillo: This can be a good time to do that - continue to offer meaningful tasks while distance learning. This is a window into the classroom for some parents.

00:47:59 Gricelda Monroy: Start small, even wearing a math t-shirt and spreading the enthusiasm of math

00:47:59 Patrice McJett: Assemblies with Math themes

00:48:00 Marquia Rabb: even after school tutoring or before school tutoring

00:48:03 Latasha Little: Having Students project their mathematical knowledge at a student centered conference or some type of media platform.

00:48:05 Aya Zvaigzne: My students in high school have no real conceptual understanding what a fraction is.

00:48:08 DUKE ALLOH: Family nights is an opportunity for families to participate in after school activities

00:48:08 Deborah Robbins: Collaborative Planning across grade levels

00:48:13 Wade Timmins: Beginning of the year curriculum night

00:48:15 Rebecca Cole: How do you communicate that math is broader than running through algorithms?

00:48:19 Tashnim Ferdaus: mathematics quizzes

00:48:25 Joyce Hodge: have math fairs expos

00:48:30 fran vonella: the importance of feedback.

00:48:34 jill brown: Help families understand contemporary ways of teaching and learning maths

00:48:36 Julia Tomasko: Breaking down adults™ (teachers, families, etc.)

previous experiences with math to emphasize how these purposes are different from how we might have learned math

00:48:38 Tanya Landry: pi day
00:48:38 Je Dadivas: Math Family Fun Day
00:48:43 Melissa Mohan: relevant tasks at all grade levele
00:48:43 Mark Phipps: Both together
00:48:45 Angela Graham: Careers related to mathematics
00:48:46 Carol Matsumoto: Special ed connection is very important
00:48:48 Karin Lee: math fun nights run by HS for the elementary
00:48:51 Gabrielle Price: Math fair great idea!
00:49:14 Aya Zvaigzne: How so I communicate with my group, when I can't use bandwidth for video?
00:49:15 LeAnna Deveaux-Miller: Competitions
00:49:16 Toni Galassini: @Karin - great idea!
00:49:18 Wendy Towery-Stove: games!! play games -
00:49:24 Faith Peddie: Breakout Room #2, we rocked that google doc!
00:49:26 Kerry Taylor: Can we get access to all the google docs?
00:49:29 Lawanda Mahomes: Family Math Night
00:49:29 Raymond Johnson: The breakout room countdown shows no mercy.
00:49:37 Lloyd Baker: great
00:49:38 Mark Phipps: Zoom teleport
00:49:43 Sarah Bush: SO right Raymond!
00:49:44 Tina Do: students should be able to do more of project based learning.
00:49:56 Stephanie Curtis: Will we all be able to access the documents after this training? I would like to be able to take the recommendations to my district team.
00:50:08 Georgia Molina: How about parents/student day, having parents spend the day with their child
00:50:15 Rolando II Delos Reyes: thank you for letting us share our ideas in small groups
00:50:20 Jenalyn MontaÃ±a: i can't follow because I'm just using my cp. can you send me the slide deck you presented on my email acct? If so thank you ðŸ™—
00:50:36 Meg Chandler: YES to PBL and to "Authentic Assessments" that allow for "Deeper Learning" and truly beautiful work.
00:50:39 Lynne Godfrey: Have students interview family members, especially grandparents - how do they use mathematics in their lives?
00:50:44 DeAnn Huinker: Here are the links to all 4 Google Docs if you are interested in seeing what others wrote:
https://docs.google.com/document/d/1zZ9-CwMLW7YPKoJR81XFW8NN_QyG2ScLV4ctXGpQcWo/edit?usp=sharing
<https://docs.google.com/document/d/1-U5iF73-TPbNT6bdj7USeuMxnBkJ-e548A1czF0KHQY/edit?usp=sharing>
<https://docs.google.com/document/d/1qALrTDPEMZHCOIXd0kvQ8q6q7eGgwJhshyKrab5D9MU/edit?usp=sharing>
https://docs.google.com/document/d/1PWeT3BU0q4vievQrugtmzhq1_8GxWy9kNas6Uj0fsbQ/edit?usp=sharing
00:50:48 Stephenia Courtney: That was EXTREMELY helpful!
00:50:52 Mary Dionne: Can we get electronic copies of breakout session comments?

00:50:57 Karin Lee: I would also love to have all the breakout rooms info available to share

00:51:31 Jennifer Kissane: YES

00:51:45 David Barnes: We are working to capture the breakout room chats and include them in the chat transcripts tomorrow with the recording.

00:51:49 India Puch: Amen!!!!

00:51:50 Opal Ruiz: yes so would like to have the breakout room info

00:52:03 Faith Peddie: Thanks DeAnn!

00:52:08 Robin Schwartz: meg what are Authentic Assessments? thanks

00:52:31 Trena Wilkerson: Thanks for all the ideas and conversation in the google docs and chat boxes!

00:52:34 Robin Schwartz: Georgia parent/student day is great! MY older son's school used to have that

00:52:37 Belinda Selfors: After the meeting, hoping to have access to the video, ppt slides, and chat room discussions. Thank you.

00:52:46 Bob Knittle: Do the Standards REALLY allow us to develop deep mathematical understanding - There are so many, that different grade levels are slammed trying to uncover each standard.

00:52:51 Sarah Bush: Thank you for all the conversation in the google docs!

00:52:52 Sabrina Brittan-Hughes: Can we get a copy of the recorded training? Just curious.

00:53:02 Lance Brauchla: We have had some of our middle school teachers TEACH some elementary math classes.

00:53:04 Chonda Long: The recording will be available tomorrow at www.nctm.org/100

00:53:15 DawnMarie Gaghan: Bob so agree

00:53:16 Tina Do: This is going too quickly for me. The discussion group was just busy typing and I really did not have a chance to comprehend.

00:53:18 Kyle Lopez: the recordings will be on the NCTM website

00:53:19 Megan Korponic: Is it possible to get a copy of the document that had all four on one page?

00:53:45 Jamie Rossi: Here are the links to all 4 Google Docs if you are interested in seeing what others wrote:
https://docs.google.com/document/d/1zZ9-CwMLW7YPKoJR81XFW8NN_QyG2ScLV4ctXGpQcWo/edit?usp=sharing
<https://docs.google.com/document/d/1-U5iF73-TPbNT6bdj7USeuMxnBkJ-e548A1czF0KHQY/edit?usp=sharing>
<https://docs.google.com/document/d/1qALrTDPEMZHC0IXd0kvQ8q6q7eGgwJhshyKrab5D9MU/edit?usp=sharing>
https://docs.google.com/document/d/1PWeT3BU0q4vievQrugtmzhq1_8GxWy9kNas6Uj0fsbQ/edit?usp=sharing

00:53:50 Inez Serrano: Why do we even have "dead-end" courses?

00:53:58 Emily Kavanagh: That is extremely important

00:54:16 Inez Serrano: That is not a tracking issue that is a curriculum and course creation issue

00:54:19 Bob Knittle: @ Inez - What defines a dead end course?

00:54:21 Tashnim Ferdaus: thank you for sharing

00:54:24 Carol Matsumoto: I invited grandparents to visit us in our classrooms

00:54:30 Inez Serrano: That is what Robert just said

00:54:40 Robin Schwartz: is a dead end course a terminal course?

00:54:42 Emerson Roman Sanchez: Creating Equitable Structures in Mathematics:

00:54:57 Emerson Roman Sanchez:
<https://docs.google.com/document/d/1-U5iF73-TPbNT6bdj7USeuMxnBkJ-e548A1czF0KHQY/edit>

00:55:01 Inez Serrano: we don't want to group or track students and have them end up in a dead end course...

00:55:04 Carol Matsumoto: Besides parents I also invited grandparents to my Kindergarten room.

00:55:35 David Barnes: Dead end course are courses in which the students leave with no real options to progress.

00:55:38 Trena Wilkerson: Families as wellâ€”even extended as was mentioned.

00:56:13 Inez Serrano: @David So that again is not a tracking issue but a curriculum and course creation issue.

00:56:14 DeAnna Moreau: Yes!!! Making math PD a priority in schools!!!!

00:56:19 Catherine Castillo: Will there be a summary document of all of these great ideas?

00:56:29 Konnie Guthrie: We are trying to build thinkers, doers, and problem solvers, then the state test (which is a portion of my evaluation) does not have the same emphasis. If the test is to measure what we value, there has to be a serious disconnect. This confuses me.

00:56:30 Michael De Antonio Jr.: These unique times have presented new opportunities for professional development. A "partnership" that should continue to grow when things get back to more normal times is to continue to utilize these online methods to provide and obtain professional development.

00:56:53 Chrystina Harich: What are some ways to include parents in the high school when you have over 200 students?

00:56:59 David Barnes: There are significant numbers of students which are tracked into course (two year Algebra 1) in which students when they leave the experience have no real opportunity to continue their study after High School.

00:57:00 DeAnn Huinker: Posting the Links to all four Google docs:

00:57:07 DeAnn Huinker: Here are the links to all four:
https://docs.google.com/document/d/1zZ9-CwMLW7YPKoJR81XFW8NN_QyG2ScLV4ctXGpQcWo/edit?usp=sharing
<https://docs.google.com/document/d/1-U5iF73-TPbNT6bdj7USeuMxnBkJ-e548A1czF0KHQY/edit?usp=sharing>
<https://docs.google.com/document/d/1qALrTDPEMZHCOIXd0kvQ8q6q7eGgwJhshyKrab5D9MU/edit?usp=sharing>
https://docs.google.com/document/d/1PWeT3BU0q4vievQrugtmzhq1_8GxWy9kNas6Uj0fsbQ/edit?usp=sharing

00:57:13 melinda campbell: As a science teacher, it is important that those of us teaching applied mathematics within a science classroom are able to support this work in our classes.

00:57:35 Trena Wilkerson: Agreed @Melinda!

00:57:39 Robin Schwartz: David Barnes in what grades are s's having their 2 yrs of Alg I?

00:58:08 Jennifer Ryan: So we are talking about Math Literacy?

00:58:16 Emily Kavanagh: Yes Melinda

00:58:18 DeAnn Huinker: Working with parent organizations is important. They can help spread the messages about how mathematics education is shifting and changing.

00:58:20 India Puch: yes

00:58:22 Jennifer Ryan: Like the types of questions in the PISA?

00:58:51 Rhonda Schruby: We have done reading and writing across the curriculum. When are we going to do math across the curriculum?

00:59:00 De Zhang: Have we talked about EL learners?

00:59:07 DawnMarie Gaghan: YES Rhonda!

00:59:09 DeAnn Huinker: School Board members are a very important stakeholder group as they speak for parents and community members.

00:59:18 Lisa Hennessey: Rhonda yes! I tried to start this in my district using the SMP

00:59:18 Cindy Bryant: Good questions Rhonda S!

00:59:21 India Puch: By the time students get to 8th grade they have shut down.

00:59:31 DeAnna Moreau: Great point Rhonda!!!!

00:59:37 Inez Serrano: @David, Are you referring to high school, because they have an opportunity to study mathematics for 4 years so 2 years of Algebra 1 leaves 2 more years to further their learning

00:59:43 LeAnna Deveaux-Miller: Exactly Rhonda Schruby

00:59:57 Bob Knittle: Who is truly prepared to offer PD on developing a deep understanding of mathematics - especially when it comes to preparing students for state assessment?

01:00:02 David Barnes: There was a study that looked at 9th grade students in a 2 year algebra 1 and nearly all students, when they left HS, were not prepared with mathematics for post high school activities.

01:00:30 DeAnn Huinker: Responding to India, that is exactly the reason we need to start these critical conversations we can work to build student identity and agency in mathematics so they don't shut down when it comes to mathematics.

01:00:31 RACHEL WHITE: Love the progression!

01:00:51 Sarah Bush: Thanks Rachel!

01:01:19 Melynee Naegele: @DeAnne I agree that School Board members are a very important stakeholder group as they speak for parents and community members. What if the school board members bring biases and only reflect the ideals of upper middle class white folks? What advice do you have to make sure that ALL parents and community members are spoken for?

01:01:20 Inez Serrano: @david, That is a curriculum issue... Also, what are those students studying at the next level? That is important as well.

01:01:47 Emily Kavanagh: Totally agree with this

01:01:57 David Barnes: 2 year Alg 1 experiences, in general, do not build students as doers of mathematics, or rigorous and engaging instruction, but focus on memorization of algorithms with little or no meaning.

01:02:28 Macobia Harris: That really it home for what I experienced with my students and how they seem to feel about school going into 5th grade now.

01:02:32 DeAnn Huinker: @Melynee: Get students to talk to School Board members about the types of mathematical experiences they find most meaningful and about their own mathematical goals.

01:02:32 Inez Serrano: That is because of the course curriculum...

01:02:42 Betina Faught: one of the things that we try to speak, illustrate, etc, is Mistakes are Expected, respected, inspected, and corrected. it's the mindset shift, I teach 8th grade. the power of yet. so many

01:02:47 Shannon White: I disagree, Inez. We can find ways to include our curriculum expectations in the things that are engaging to our students.

01:02:58 Betina Faught: have shut down.

01:03:09 Catherine Bronikowski: When in the US are we going to break from the Algebra to Geometry to Trig to PreCal curriculum track? They do NOT operate alone but the content is so intertwined.

01:03:10 Inez Serrano: I agree.

01:03:18 Inez Serrano: That is exactly what I am saying

01:03:22 Sarah Bush: I love that Betina, "mistakes are expected, respected, inspected, and corrected!"

01:03:24 linda fulmore: School Board members need opportunities to address personal biases and how to confront and discuss inequities. They many not have had those experiences.

01:03:26 Inez Serrano: so you do not disagree...

01:03:45 Chaka Langevine Casey: I believe the deficits in Elementary school continue to happen because their teachers are teaching multiple subject. I really think that Math should be thought by "Math" teachers only

01:03:51 Carol Matsumoto: I did math sessions for parents at Parent Council meetings.

01:03:52 Sarah Bush: Catherine the HS CC book really talks about alternates to that pathway.

01:04:14 David Graf: We try to stay on line with 8th grade. In our district teachers are hard to come by. During 4th grade the students I have now spent most of the year in the hallway with minimal support. Those who wanted to learn were left with novice teachers overwhelmed with behaviors. Truly frustrating. New administration will hopefully solve some of this.

01:04:15 Cara Littlefield: Agreed, Inez. I feel as if oftentimes teachers are trapped by trying to follow district curriculum and don't have the time or training to modify it to align with quality math teaching.

01:04:22 Jennifer Ryan: @Chaka, I think that is something that definitely needs to be explored.

01:04:29 Vangela Eleazer: That is so true about the labels.

01:04:31 April Thompson: tiers

01:04:34 DeAnn Huinker: @Catherine: Exactly a key message of Catalyzing Change, it's time to create a single unified course pathway for students in the first few years of high school. The book talks about rethinking HS course pathways.

01:04:39 Tashnim Ferdous: i agree

01:04:42 Endia Hatcher: Priorities

01:04:43 Betina Faught: we are working on grade level banding with math critical standards in an effort to draw everyone together.

01:04:53 Emily Kavanagh: Absolutely on point with this

01:05:04 Rhonda Schruby: Let's get rid of the term rigor and replace it with depth.

01:05:11 Sarah Bush: Thanks Emily!

01:05:12 shweta pathania mishra: @Chaka I agree with this.

01:05:14 David Graf: The idea of making the math meaningful will also help keep kids in the classroom.

01:05:17 DeAnna Moreau: Having a plan and structures for support is so important!!!

01:05:18 Robin Schwartz: I see struggling is not a great label what about productive struggle?

01:05:19 Melynee Naegele: Yes! Teachers must be supported, and resources and training is a MUST!

01:05:19 linda fulmore: A resource we need more of is time, to learn, reflect and transform. Transformations will not happen in and of itself.

01:05:24 Marquita Morris: Yes Rhonda!

01:05:25 Aya Zvaigzne: Forgive me because I don't remember the name of the author, and can't point you to the name of the research. Three out of five, EMPHASIZE 3 out of 5 gifted students are not identified and AND most of them drop out.

01:05:26 Dee Crescitelli: I think that elementary teachers can be excellent math teachers... and can use the other core subjects as connection points. I am VERY anti- siloing everything off. The connections are important.

01:05:30 Beth Kobett: We all need to be able to recognize the strengths our students bring to the classroom not the deficits.

01:05:37 Inez Serrano: @Cara, exactly! We have to support. I don't think the issue is tracking or grouping. The issue is providing rich curriculum and equitable learning opportunities to all! For all!

01:05:40 Macobia Harris: Hard to stop using the labels when Administration and the District do not follow that advice

01:05:56 Betina Faught: How do you detrack when they teach tracking in the teacher education programs...

01:05:57 RACHEL WHITE: Math for everyone!

01:06:04 Jennifer Ryan: True @Macobia

01:06:08 Faith Peddie: De-Label, De-Deficit, De-Track, Do-Create equitable structures... I am working on a saying here.

01:06:12 linda fulmore: Tracking is still very real!

01:06:13 Sharon Black-MacKinnon: @Beth I agree with you completely

01:06:17 DeAnn Huinker: Remarkable work is occurring in the State of Alabama, check out their new Mathematics Framework. They are redoing HS mathematics. <https://www.alsde.edu/sec/sct/COS/2019%20Alabama%20Course%20of%20Study%20Mathematics.pdf>

01:06:25 Raymond Johnson: When I work with teachers I'm tempted to ask them which of them are fast teachers and which are the slow ones so I can group them. But only because I'm mean and it seems to help make the point.

01:06:36 Beth Kobett: Thank you Robert!

01:06:41 Sarah Burzynski: Even as an informed parent, it's hard to not put my child in "advanced" math, because the system is set up to block her from opportunities if I don't.

01:06:41 Marquita Morris: I feel like the pacing is too fast. We try to teach so many standards so quickly to keep up with district pacing.

01:06:44 Betina Faught: district makes us track growth from state interim testing...

01:06:44 Cara Littlefield: With many schools turning to mastery based credits, I feel a push/pull between allowing students to learn from each other in whole-class lessons vs allowing students to learn at their own pace.

01:06:55 Ken Jensen: Thinking about mathematical literacy is one way to

work on the content connections.

01:06:57 Sarah Bush: @Beth - your strengths based work was so important to the new CC books.

01:06:59 Chaka Langevine Casey: Thanks for that point Raymond

01:07:02 Inez Serrano: @David, Making math meaningful is so important especially when the students are tapped out.

01:07:09 Dave Hankin: Working with our admin and school boards will be a challenge. They're usually pretty set in what they want.

01:07:11 Mariella Cacho: Tracking strenght! Yes!

01:07:19 Cindy Bryant: Love Beth and Karen's work!!!

01:07:24 David Barnes: @Cara - I don't think those are mutually exclusive.

01:07:42 Macobia Harris: @Raymond that would be great in scheduling & assembling classes so students can be taught in the speed and/or level that they learn.

01:08:04 Chaka Langevine Casey: Missed the name of the person who spoke about rigor, I no longer like that word. Each student learns at their pace the teacher has to manage that while they keep pushing, how do we get rigor involved in this.

01:08:17 Beth Kobett: Thank you @Sarah and @Cindy!

01:08:21 Cara Littlefield: @David, when youâ€™re up against district pacing guides and restrictive â€œone-hour math lessonsâ€ they seem to be. Iâ€™d love to hear ways schools have gotten around this!

01:08:24 Laura Partridge: Next year will be a challenge to maintain/develop student interaction with each other given all the uncertainty of what school will look like.

01:08:27 Macobia Harris: @Chaka. Never liked that word

01:08:27 Dee Crescitelli: This is where being able to make those connections matter. Math doesnâ€™t just happen in math class!

01:08:28 Endia Hatcher: Resources available

01:08:38 DawnMarie Gaghan: Chaka I agree the word is used so much and everyone has their own definition

01:08:39 Sarah Bush: Yes @Dee!!

01:08:42 Raymond Johnson: @Macobia, you missed my point! Adults who are eager to group kids by ability often forget how awful it feels to be labeled "slow."

01:09:06 David Barnes: @Inez - I agree! Learning mathematics should be both energizing and challenging and help students make sense of their world while building a positive mathematical identity

01:09:12 Faith Peddie: 39 75 38

01:09:15 Aya Zvaigzne: link please

01:09:16 Macobia Harris: No I understood.

01:09:17 Faith Peddie: 39 75 38

01:09:21 Faith Peddie: menti.com

01:09:24 Chaka Langevine Casey: DawnMarie II swear they better find a new word for this year. Rigor better not be it

01:09:39 jill brown: someone please add website in here :)

01:09:50 jill brown: thanks

01:09:51 Endia Hatcher: www.menti.com

01:09:58 Faith Peddie: 39 75 38

01:09:59 David Barnes: <http://www.menti.com>

01:10:24 DUKE ALLOH: As we implemrnt differentiation inevitably we need to categorize or label to track effectiveness of strategies

01:10:26 Marquia Rabb: Thank you for sharing that website!

01:10:42 Aya Zvaigzne: and the actual link isâ€¦

01:10:56 Cruz Flores Vazquez: menti.com

01:11:01 Marquia Rabb: www.menti.com

01:11:03 Jennifer Ryan: collaboration

01:11:06 April Thompson: COLLABORATION

01:11:07 DeAnna Moreau: collaboration is key!!!!

01:11:10 Emerson Roman Sanchez: Collaboration is the main one.

01:11:10 amanda robin: Collaboration

01:11:11 Kevin Simpson: collaboration

01:11:12 Jessica Houck: collaboration, change, mindset

01:11:13 PATRICK GUERRA: Collaboration

01:11:14 Deborah Robbins: Collaboration is common

01:11:19 Tara Jaeger: Get out of silo thinking and collaborate

01:11:21 Michelle Douglas-Meyer: opportunity

01:11:24 Jenalyn MontaÃ±a: Collaboration is the key

01:11:26 Tina Do: We need to allow students to do project based curriculum where we can see the student's strength. With math, some students might have different ways to solving one problem. Some students may not know how to recite what 1 plus 2 is. However, they may be great with Geometry, and they may be able to see different angles and shapes while others can just recite what 1 plus 2 equals. I

01:11:26 Susan Bardenhagen: cross-cutting, interdisciplinary

01:11:26 Marquia Rabb: Everyone helping everyone!

01:11:27 Kevin Simpson: challenging

01:11:34 PATRICK GUERRA: relevant

01:11:46 Annette Louk: de-tracking

01:11:47 Theresa Bagshaw: ellipse

01:11:48 PATRICK GUERRA: curriculum

01:11:49 Ken Krehbiel: Detracking

01:12:00 Jenalyn MontaÃ±a: equity

01:12:00 Melissa Luzano: I heard crying. That happens, too!

01:12:01 Marquia Rabb: Collabo.

01:12:06 Sajitha Nair: support

01:12:12 Shannon Pasvogel: sense making

01:12:19 Lawanda Mahomes: Change

01:12:34 Stephenia Courtney: purposeful

01:12:36 Marquia Rabb: Support especially while using technology from our homes

01:12:40 Mary France Imperial: inclusion

01:12:47 Stephenia Courtney: inclusive

01:13:23 Emily Kavanagh: Sorry that was my 2 year old

01:13:47 Sarah Bush: Never to early to get them interested in NCTM Emily!

01:13:52 David Barnes: @Emily - No worries!

01:13:52 Lynne Godfrey: Providing students time. We need to empower teachers to do this!

01:13:55 Melissa Luzano: I cry, too, when I think about inequitable math instruction!

01:13:57 Faith Peddie: Haha Sarah, so true!

01:14:01 Sally Losinske: The questions woven into the books is a smooth initial step to make this process happen!

01:14:11 Sarah Bush: Thanks Sally!

01:14:14 Faith Peddie: Same Melissa!

01:14:17 Jen Knudsen: don't apologize! it is sweet to hear children with us

01:14:40 Susan Faulkner: I miss hearing children! Makes my day when I hear them now!

01:15:13 Rhonda Schruby: Most PD's are about engaging students, but that does not mean engagement = enablement.

01:15:32 Sarah Bush: I like to use the word empowerment @Rhonda

01:15:45 Macobia Harris: @Rhonda, exactly!

01:15:49 Catherine Bronikowski: Students at my HS know which teachers have the ability to tech and which do not. And they are not shy about stating that fact.

01:16:05 Chaka Langevine Casey: Confidence, students always want to feel like winners

01:16:21 Jennifer Ryan: Kinds are always candid

01:16:23 C Robertson: Teacher confidence, too

01:16:31 April Thompson: This is so encouraging, but then I struggle with where and how to begin to get the ball rolling in the right direction.

01:16:53 Chaka Langevine Casey: Yep if you are not confident about a topic if definitely reflects in one's lessons

01:16:54 Susan Shuart: Every teacher needs to ask themselves the question, how would you feel about being a student in your classroom?

01:16:58 Jennifer Ryan: Kids*

01:17:13 Cindy Bryant: Right on Susan Shuart!

01:17:13 Lynne Godfrey: We need to practice and provide many of these elements for teachers too!

01:17:22 Chaka Langevine Casey: That question I ask myself everytime I prepare a lesson

01:17:27 Robin Schwartz: yes Susan + 1 also as a parent how would you feel abt the child in your class

01:17:55 Shannon White: Such a GREAT point, Robin!

01:17:55 Melissa Luzano: Yes, Susan! We also need to ask our kids. Have them evaluate you. We need feedback as much as students.

01:18:03 JoAnn Santiago: hands on

01:18:08 Lance Brauchla: agreed

01:18:30 Susan Shuart: Right Robin. If you were the parent of a student in your class, how would you feel about how they are being taught and treated in your class.

01:18:36 Cindy Bryant: Adding it Up should be in every professional library!!!

01:18:42 Opal Ruiz: feedback from students is essential.

01:19:08 DeAnn Huinker: Adding It Up can be downloaded for Free from the National Academy Press.

01:19:25 Shannon White: Yes, Opal! Asking students for feedback is also just setting a great example for your own growth mindset and modelling a desire to continue learning.

01:19:27 Chonda Long: A recording and a PDF of the presentation will be

available tomorrow afternoon at www.nctm.org/100

01:19:28 Danielle Grenader: There are a lot of documents that lay out the big ideas and Iâ€™m appreciative of that, but once we get a grasp on our philosophy, how do we actually make it happen?

01:19:50 DeAnn Huinker: Link to Adding It Up, download free, just need to set up an account:

<https://www.nap.edu/catalog/9822/adding-it-up-helping-children-learn-mathematics>

01:20:04 Beth Kobett: @Danielle - may I suggest a book study to start the conversations?

01:20:13 Stephenia Courtney: Making connections

01:20:28 Cindy Bryant: Yes, thank you for that reminder DeAnn!

01:20:51 Sarah Burzynski: Doers...not just computers of math

01:21:06 DeAnn Huinker: Book Study Guides for the Early Childhood/Elementary Book and the Middle School Book should be posted soon on the NCTM websites something this next week.

01:21:06 Faith Peddie: Here is a link to the certificate of participation for tonight's webinar

www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-05-26.pdf

01:21:26 Aya Zvaigzne: Every student has a voice, even if they are speaking from more than 80 languages, their understanding of concepts is never limited. They will always with our without our belief and support of the brilliance of their minds, they will continue despite our efforts. If we can contribute or support them, then we did our job.

01:21:39 DeAnn Huinker: Keep visiting the main web page, as new resources will be posted as they become available: www.nctm.org/change

01:21:56 Chonda Long: Here is a link to the certificate -

https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-05-26.pdf

01:21:58 Stephenia Courtney: I agree Sarah B.!!

01:22:04 Aya Zvaigzne: sorry for typos

01:22:23 Chaka Langevine Casey: Please send that link to our email please for the certs

01:22:23 Aya Zvaigzne: keyboard

01:22:24 Chaka Langevine Casey: thanks

01:22:29 jill brown: thanks

01:22:29 Sarah Bush: <https://www.nctm.org/store/change/> For a quick link to books and/or resource guides and to sign up for tomorrow and/or Thursdayâ€™s webinar.

01:22:44 April Thompson: Can we have access to the word cloud?

01:22:46 Ken Jensen: Danielle- we need to make personal connections with our peers so we can press them into these ideas. This is a hard message for many of us, the teachers we work with need to trust us and the process.

01:22:46 Chonda Long: The link will not be sent to your email address. Please click on the link now and download -

https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-05-26.pdf

01:22:48 Stephenia Courtney: front-loading

01:22:51 DUKE ALLOH: If the lesson answers the question "What has this got to do with my life or what is happening out here?" that looms in the minds of

students them engagement and relevance come naturally.

01:22:53 Rolando II Delos Reyes: thank you ðŸµŸ-

01:23:06 Pamela Liegl: Thanks Trena and Robert and everyone for a wonderfully interesting and useful dialog.

01:23:16 Thomasenia Adams: Thanks, colleagues!

01:23:20 Chaka Langevine Casey: Thanks Everyone this is beautiful

01:23:22 Mary Dionne: Thank you for starting the process of change.

01:23:27 Catherine Castillo: Thank you! Can't wait for tomorrow!

01:23:28 KEISHA SMITH: Awesome presentation! vertical teaming is crucial

01:23:31 David Barnes: <http://www.nctm.org/change>

01:23:34 Sarah Bush: Great to see you Thomasenia!

01:23:34 David Martinez: Thank you

01:23:38 Stephenia Courtney: Thank you!!! VERY thought provoking...

01:23:38 Gabrielle Price: thanks

01:23:38 Faith Peddie: Here is a link to the certificate of participation for tonight's webinar

www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-05-26.pdf

01:23:42 India Puch: This was a very informational presentation

01:23:47 DeAnn Huinker: What is important is catalyzing much needed critical conversations.

01:23:48 Laxman Nepal: Thank you so much

01:23:50 LeAnna Deveaux-Miller: Informative dialogue..

01:23:50 Endia Hatcher: Thank You very informative where are the slides that were shared tonight?

01:23:52 Lawanda Mahomes: Thank you! Great Job!

01:23:54 Chonda Long: The link will not be sent to your email address.

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01:23:54 Laura Lambert: Thank you!!!

01:23:57 DeAnna Moreau: Thank you so much!!!! I'll be back tomorrow night!!!!

01:24:00 Sabrina Brittan-Hughes: How do we sign up for that?

01:24:02 linda fulmore: Thanks Robert and Trena!

01:24:02 Sarah Bush: Where will you start this conversations?!

01:24:06 Sharon Ling: Thank you!

01:24:07 Lance Brauchla: Super...thanks

01:24:08 Jennifer Ryan: Will there be one for the High School again

01:24:09 Chonda Long: You can get a copy of the slides and the recording at www.nctm.org/100 tomorrow afternoon.

01:24:10 Carol Matsumoto: Thanks Trena, Robert, DeAnn, Sarah, Chonda, and Dave.

01:24:11 Macobia Harris: Very informative. Thank you!

01:24:11 Ron Rivard: GREAT stuff, thank you all for sharing!

01:24:13 Laxman Nepal: Very informative

01:24:15 Sally Losinske: Looking forward to the learning in the nights ahead!

01:24:17 Lori McDevitt: Thank you!

01:24:17 Bina Kachwalla: Thank you so much
01:24:18 Sharon Dawkins: thank you
01:24:18 Michelle Douglas-Meyer: Thank you!!
01:24:18 Natalie Hannan: Thank you all for a great mtg. New insights and learning happening.
01:24:19 Natasha Gambarov: Thank you very much for this presentation. I will be in tomorrow's webinar, and I cannot wait!!
01:24:19 DeAnn Huinker: Thank you everyone for joining us.
01:24:19 Opal Ruiz: Thank You
01:24:19 LESLIE TEXAS: Great session! Thanks so much for sharing
01:24:19 Jane Juten: thank you. This was wonderful.
01:24:20 Pam Crombar: Thank you!
01:24:20 PATRICK GUERRA: Thanks everyone for sharing this
01:24:20 Georgia Molina: Thank you GREAT stuff
01:24:20 Charlene Atkins: Love the HS book! Can't wait to read the others.
01:24:20 Alicia Broadwater: Thank you!
01:24:21 Latasha Little: sounds interesting
01:24:21 Tara Jaeger: When will you have a webinar to dig deeper into high school?
01:24:21 Reetu Sahni: Thank you so much!! See you Thursday
01:24:22 Cindy Bryant: Great session Trena, Robert, Sarah, and DeAnn!
01:24:23 Faith Peddie: Thank you so much to our presenters!
01:24:23 Virginia Lewis: Great session!
01:24:23 Lynne Godfrey: Thank you facilitator/presenters!
01:24:23 Chaka Langevine Casey: Have a good night
01:24:23 DeAnna Moreau: Thank you!!!!
01:24:24 Fred Rectanus: Thank you all
01:24:24 Kari Meldrum: Thank you!!!
01:24:25 Sabrina Brittan-Hughes: Thank you.
01:24:26 Beth Kobett: Fabulous presentation! This work is soooo important!
01:24:27 Melynee Naegele: Thank you for a great session!
01:24:27 Sarah Bush: Thank you for joining us!!
01:24:27 Gricelda Monroy: Thank you all!
01:24:27 Jennifer Ryan: Thank you
01:24:27 Vanessa Cleaver: Thank you!!
01:24:27 Ingrid Stallsmith: Thank you!
01:24:28 Elaine Gaston: Thank you
01:24:28 Lauren Tallarine: Thank you!
01:24:29 Opal Ruiz: see you tomorrow
01:24:29 Francine Hewett: Thank you!
01:24:29 RACHEL WHITE: Thank you
01:24:30 Jill Board: Thanks Folks! Well done!
01:24:30 Marie Hannon: Thank you
01:24:31 Kevin Simpson: Thank you
01:24:31 Lloyd Baker: Thank you
01:24:31 Donna Anderson: Thanks you
01:24:31 Wendy Towery-Stove: Thank you to everyone!
01:24:32 Janice Holland: Thanks for a great presentation.

01:24:32 Regina Williams: Thank you.
01:24:32 Aya Zvaigzne: no facebook no twitter no social media that is like google.. only level two duck duck go, and no tracking
01:24:34 Dave Hankin: Thank you from Globe, Arizona!
01:24:34 Je Dadivas: thank you so much!
01:24:34 Ondrea Johnston: Thank you!
01:24:34 Tashnim Ferdaus: thank you
01:24:34 Fideliz Mae Magno: thank you!!
01:24:35 Jamie Rossi: Thank you!!
01:24:35 irma Maceachern: Thank you!
01:24:35 Konnie Guthrie: Thank you.
01:24:36 Shahibul Ahyar: Thank you for sharing
01:24:36 Susan Shuart: Thank you so much.
01:24:37 Marie Martin: Thank You ! Great Presentation !!
01:24:38 Brandi Ledbetter: Thank you
01:24:38 Shelly Gibson: thank you!
01:24:40 Melissa Mohan: Thank you!
01:24:40 Emily Kavanagh: Thanks so much for the informative presentation!
01:24:42 ELLA CABRERA: thanks
01:24:42 Megan Korponic: Thank you!
01:24:42 Jennifer Ryan: David you are muted
01:24:42 Laura Partridge: Thanks
01:24:43 Daniel Irving: Thank you for this incredible presentation and resources!
01:24:44 Danielle Grenader: Thank you!
01:24:45 Ron Napper: Thank you.
01:24:46 Jessica Houck: Thank you! Great conversation.
01:24:46 Vernita Vallez: Thank you Trena and Robert! You are inspiring us to lift our level of instruction for the students.
01:24:47 Opal Ruiz: great presentation
01:24:47 MARDONIO FIGUEROA: Thank You!!
01:24:49 hoang nguyen: thank you!
01:24:50 Jeremy Fus: Thank you!
01:24:50 Mary France Imperial: thank you
01:24:50 C Robertson: Thank you, all!
01:24:51 JoAnn Santiago: Thank you!
01:24:52 Rolando II DelosReyes: Thank you! I like it being interactive!
01:24:52 Rita Shamrock: Thank you
01:24:53 Tina Mott: Thank you!
01:24:54 Anthony Spinks: Thank you.
01:24:55 Jen Knudsen: thank you!
01:24:56 Rebekah Brown: thank you!
01:24:57 Opal Ruiz: thanks
01:24:59 Honey Sacro Swem: Thank you so much. I bought all books and will continue reading them.
01:24:59 Dorothy Groover: thank you!
01:25:00 Jenalyn MontaÃ±a: Thank you mam
01:25:01 DawnMarie Gaghan: Thank you
01:25:02 Chaka Langevine Casey: Would definitely check the others out

01:25:04 Chonda Long: The link will not be sent to your email address. Please click on the link now and download - https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-05-26.pdf

01:25:04 Jeanne Simpson: Great session!

01:25:04 Kendra Edwards: Thank you!

01:25:07 Guadalupe Alvidrez: Thank you Trena and Robert. I look forward to tomorrow.

01:25:09 Jonathan Marcovitz: Thanks. Great Webinar

01:25:09 Alison Walker: Thank you!

01:25:11 Laura Rayfield: awesome! thanks

01:25:12 Shahibul Ahyar: Great presentation, great team

01:25:13 Portia Rombaoa: Thank you!

01:25:16 Lisa Farley : Thank You!

01:25:16 Deborah Robbins: Thank you!

01:25:17 MARDONIO FIGUEROA: Thank You Robin and Dra. Brenda for your support.

01:25:19 dana dulzo: thank you, a LOT of information but all good

01:25:19 Remy Poon: Thank you.

01:25:32 Patrice McJett: Thank you for the session. How do I get the powerpoint?

01:25:39 ELLA CABRERA: Thank You!! From Philippines

01:25:40 Sarah Bush: Dana join us for the breakout sessions tomorrow and/or Thursday for more specifics!

01:25:42 Lorie Huff: Thank you Trena, Robert, Sarah, DeAnn, Chonda, Dave, and Faith. Great conversations and feedback!

01:25:48 Trena Wilkerson: Great ideas and thoughts shared! Thank you all! We can do this together!

01:25:57 Sarah Bush: We are in this together!

01:25:59 Mariella Cacho: Thank you!

01:26:03 Chonda Long: The link will not be sent to your email address.

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01:26:03 Faith Peddie: Here is a link to the certificate of participation for tonight's webinar www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-05-26.pdf

01:26:12 Faith Peddie: Jinx Chonda!

01:26:16 Aya Zvaigzne: thank you TONS for this, and thank you for the vid replay and the ppt slides. Persons like myself need more than one viewing to be able to process and think and reflect about everything that was said.

01:26:18 Catherine Kersten: Thank you.

01:26:24 Nahed Sabra: Thank you so much!

01:26:30 Toni Galassini: What was the renewal code again?

01:26:30 VANESSA ROBLES: thank you so much ðŸ˜Š

01:26:35 Sally Losinske: Thanks!

01:26:44 Emerson Roman Sanchez: ¡Muchas Gracias! I really enjoyed we were able to interact and that we were broken down into groups. Can't wait for Thursday's session.

01:26:45 Christy Plummer: Thank you!

01:26:45 Stephenia Courtney: TY! TY!! TY!!!

01:26:47 Chonda Long: You can access the PDF of the Power Point and the recording tomorrow at www.nctm.org/100

01:26:49 Emily Kavanagh: I cannot click on the link

01:26:51 Cindy Bryant: Kudos!

01:26:54 Anne Marshall: Awesome! Thanks!!

01:26:58 Stephenia Courtney: c u tomorrow

01:26:59 Raymundo Pecjo: Thanks

01:26:59 Victoria Negri: Thank you All!

01:27:00 Jennifer Ryan: It is so awesome to spend time with math teachers

01:27:01 Pallepati Sangeeta: thank you

01:27:01 Meg Chandler: Thank you!!

01:27:03 India Puch: No thank you!

01:27:07 Michael De Antonio Jr.: Thank you! Stay safe and healthy everyone!
God bless!

01:27:08 Tanya Landry: Thnx!

01:27:09 Mahima Tonk: Thank you.

01:27:12 Olga Kosheleva: Thank you.

01:27:12 PATRICK GUERRA: Thank you

01:27:13 Josh Bass: Thank you! This was wonderful!

01:27:15 Shannon White: Thank you!