

00:21:56 Monique De Rocher: Monique Rolesville, NC
00:22:00 Carol Matsumoto: Hi from Winnipeg
00:22:01 Ashley Cusick: Hello from Northern VA!
00:22:03 Veronica Kwok: Veronica from Queens, NYC!
00:22:03 Beth Roark: Hi, Beth from Cincinnati, OH
00:22:05 Diane Anderson: Hi...Diane from Massachusetts
00:22:06 michael Lanstrum: Hello from Cleveland, Ohio
00:22:07 Elizabeth Sasse: Hello from Greeley CO
00:22:07 Gabrielle Bertrand: Gabrielle from Kittery Maine
00:22:09 Faith Peddie: Reston, VA is in the house!
00:22:09 Abigail Manry: Hello from Memphis!
00:22:10 Emily Kavanagh: Hi from Columbia, MD
00:22:10 Mark Helton: Mark from Lexington, KY
00:22:11 Bina Kachwalla: Hi from Bina NZ
00:22:11 Ann Hammonds: Hi from Harrisonville, MO
00:22:11 Delise Andrews: Delise from Nebraska. :)
00:22:12 Kristen Floyd: Kristen from Winchester, TN
00:22:12 Melissa Campbell: Melissa Campbell/Fort Payne, Alabama
00:22:13 Stephanie Caragher: Hello from New Hampshire
00:22:13 C. Robertson: Hello from Reno
00:22:14 Olga Kosheleva: Hello from El Paso, TX
00:22:15 Heather Todd: Hi, Heather from Oxford, Mississippi!
00:22:16 Dawn Schulte: Hello from Dawn in coastal North Carolina
00:22:16 Deanna Richardson: Deanna from Rapid City, SD
00:22:16 Ashley Jones: hi, Ashley from eastern shore of Maryland
00:22:16 Tabitha Shearer: Tabitha From Western Massachusettes
00:22:17 Christina Siow Young: Hello from Monrovia, CA
00:22:18 Marian Dingle: Hello! Marian from Atlanta!
00:22:19 Cindy Bryant: Hello from Springfield, MO!
00:22:19 Carole Bamford: Hi from Montreal, Quebec
00:22:20 Stephanie Rish: Hello I am Stephanie from Charlotte NC
00:22:20 Janet Hollister: Janet from California
00:22:24 Mary Anne Opila: Hi, from Pennsylvania
00:22:25 Angela Abdi: Angie Abdi from Halifax, Virginia
00:22:27 Jorge Veloso: Hello from Angola.
00:22:28 Terri McCarthy: Hi from Danbury, Connecticut
00:22:29 Danielle Mooney: Hi from Bridgewater, Massachusetts
00:22:31 Elizabeth Esqueda: Liz Esqueda, San Jose, CA
00:22:34 Diosa Doane: Aloha from Maui
00:22:39 Karen Campbell: Hello, from Saskatchewan, Canada
00:22:39 Christina Hall: Hi from Yuma, AZ
00:22:40 Leslie Texas: Hi from Louisville, KY
00:22:41 Joyce Meier: Hi from Crystal Lake, IL
00:22:43 Andrea Kent: Hello from Virginia
00:22:44 Cathery Yeh: Hello everyone!!!
00:22:45 Jessica Allen: Jessica from Monterey Ca!
00:22:47 Monica Roland: Hello from Savannah, Ga
00:22:48 Pooneh Sabouri: Hi from NYC
00:22:48 Trena Wilkerson: Hello from Waco, Texas!
00:22:50 Angelica Johnson: Hi from Memphis, TN

00:22:51 Joslyn Richardson: Hello from St. Louis, MO
00:22:53 Ann Assad: Hello from Paducah KY
00:22:55 alfredo Vidal: Hello from Phoenix, Arizona.
00:22:56 Jennifer Heldenbrand: Hello from Provo, Utah!
00:22:57 Cindy Luper: Hi from Arkansas
00:22:57 Clarissa Rothe: Clarissa from San Bruno, CA
00:22:59 Erin Bawcombe: Erin from Temecula Ca
00:22:59 Elizabeth Lucas: Hi from Saint Louis Park, MN!
00:23:02 Khaalia Taylor: Hello, from Irvington, NJ!
00:23:02 Melanie Myers: Hello! Melanie Myers from East Amherst, NY
00:23:09 Rachel White: Hello from Maine.
00:23:12 David Dai: Happy Thursday from Mobile, AL!
00:23:13 Pam Cadena: @Monique--my sister lives next to Rolesville
00:23:14 Frederique Yova: Hi, Frederique from North Carolina!
00:23:15 Lorie Huff: Hello from Fayetteville, Arkansas
00:23:16 Shelly Jones: Hi Shelly Jones from Connecticut
00:23:16 Lisa Rogers: Hello from Colorado Springs, CO!
00:23:17 Jennifer Alsen: Hi from Beverly, MA!
00:23:18 Katherine Hindman: Hello! Katherine from Statesboro, Georgia
00:23:20 Kathryn Del Prete: Hi Everyone!! Kathryn from NYC
00:23:20 Nely Ara-is: Hello from Norfolk, VA
00:23:20 Corey Drake: Hi everyone! Corey from Williamston, Michigan
00:23:22 Monique Cabellon: Monique from Renton, WA
00:23:22 Elizabeth Weltzin: Hello from Austin, TX
00:23:22 ROER SHONDA: Shonda Roer from Buckeye, AZ
00:23:24 Pamela Stark: Hello from Massachusetts
00:23:24 Christina Lincoln-Moore: Christina Lincoln-Moore Los Angeles
00:23:25 Rita Shamrock: Rita from Senoia, GA
00:23:25 Michelle Silvia: Michelle Newmarket, NH
00:23:26 Jenifer Crawford: Hi from Ft. Worth, TX
00:23:27 Susan Hayden: Hello from Loudoun County, Virginia.
00:23:27 Bethany LaValley: Hi! Bethany from The University of
Mississippi!
00:23:27 Dee Crescitelli: Dee in Georgetown, Kentucky
00:23:28 Pam Cadena: Hi, Pam Cadena from Redondo Beach, CA
00:23:28 Dawn Smith: Afternoon from Mattawa, WA
00:23:30 Laura Warrington: hello from reston VA!
00:23:30 Mirasol Laberinto: Hi everyone I'm Mirasol Laberinto from
Phoenix Arizona
00:23:31 David Barnes: Hello All from Lansdowne, VA
00:23:31 Sharon Laahs: Hello! Sharon from Scottsdale, Arizona.
00:23:31 Kelly Anderson: Kelly from Saskatoon, Saskatchewan, Canada
00:23:31 Vivian Boylan: Vivian from Charlotte, NC
00:23:33 Susan Watson: Hi - Susan from Vancouver, WA
00:23:34 Penina Kamina: Hi; Oneonta NY
00:23:34 Jennifer Hinrichs: Jennifer from Cambridge, Ontario, Canada
00:23:35 Lisa Crawford: Lisa Nashville, TN
00:23:36 Brandon Daniel: Brandon from Durham, NC!
00:23:36 Donna Kerstetter: Donna from Pennsylvania
00:23:36 Jose Vilson: Kick butt, y'all!

00:23:41 Elizabeth Esqueda: Go Cathery!!!! <3
00:23:42 Megan Riley: HI from Ohio
00:23:43 Christina Lincoln-Moore: Happy Birthday Brian!
00:23:45 Ibtissam Chahwan: Hello from Boston MA
00:23:46 Kathleen Farry: Katie from PA
00:23:47 Alicia Broadwater: Hi from Alicia, Virginia Beach, VA
00:23:49 Traci McKinney: Traci, Halifax County VA
00:23:49 Stacy Miller: Hello from NJ
00:23:50 Roberto Villanueva: Hello I am R. Villanueva from
Arlington, Texas
00:23:51 Marcel te Bokkel: Hello!
00:23:55 Mary Johnson: Hi - from Pensacola, FL
00:23:55 Hilary Kreisberg: Hello! Hilary Kreisberg from Cambridge, MA!
00:23:55 Alfreida S Jamison: Hello from just outside of Chicago.
00:23:56 Kay Wohlhuter: Hi from Duluth, MN
00:23:56 jeanine colwell: Jeanine colwell from Newport north carolina
00:23:58 Erica Bagala: Scarsdale, New York
00:23:59 Stacey Gilner: hello
00:24:00 Michelle Kivett: Michelle Kivett EC Autism Life Skills
Teacher from Sanford, NC
00:24:01 Sindhu A Muralidharan: Hello, Sindhu from Mumbai, India
00:24:02 Suzanne Smith: Suzanne Smith--Grenada, MS
00:24:04 Brian R. Lawler: I saw someone else from Georgia. Hi!
00:24:05 Denise Walston: Hello from Chesapeake, VA
00:24:05 Stephanie Bell: Hi Stephanie Bell from St Louis MO
00:24:07 Daniel Irving: Hello from North Providence, RI.
00:24:13 Deborah Chapdelaine: hello from Edmonds WA
00:24:14 Teresa Bulanda: Hello from Hartford, Connecticut
00:24:18 Prerana Sanghavi: Hello from Mumbai, India
00:24:19 Melanie Janzen: Hi! Melanie Janzen from San Bernardino, CA
00:24:36 Bryan Bagala: Hi from NY
00:24:43 Elisa Waingort: Hello from Calgary, Alberta, Canada.
00:24:46 Terri Davis: Hi from Richmond VA
00:24:48 Joanmarie Kulinka: Joan Kulinka from Virginia Beach, VA special
ed teacher
00:24:52 Christopher Kenny: Hello from Washington, DC
00:24:53 Marilu Deal: Hello from Ottawa, Ontario, Canada
00:24:56 Teri Marx: From DC area!
00:25:00 Yelena Berdichevsky: Hello from Brooklyn, NY
00:25:01 Holiday George: Hello from WV
00:25:02 Kathleen Morris: good evening from northern VA
00:25:03 Christina Tully: Hi from Las Vegas, NV
00:25:05 Dewey Gottlieb: Aloha from Honolulu, Hawaii
00:25:05 Jennifer Suh: HI everyone!!! So excited about this session!
00:25:07 Galit Sandaev: Hi from montreal, canada
00:25:07 Anne Agostinelli: Hello from Chicago!
00:25:07 Carly Jardinier: Hello from MD, USA :)
00:25:10 Chance Nalley: Chance Nalley From NYC
00:25:11 Maren McMartin: Hello from Minneapolis MN!
00:25:12 David Barnes: Hello all for Lansdowne, VA

00:25:12 Beth Kobett: Beth from Baltimore!
00:25:12 Kim Ellis: Hi from Winter Park, FL
00:25:15 Menchie Besa: Hi from Jacksonville, Florida
00:25:16 Jennifer Wolfe: Sending love from Tucson, AZ!
00:25:16 RIZZA CASABUENA: Hello from Casa Grande, AZ
00:25:16 Sondra Skaggs: Good Evening from Ft. Wayne, Indiana
00:25:16 Nicolette Nalu: HI Melissa! :) Hello from Mama!!
00:25:17 barbara bartlett: Wilmington, DE
00:25:17 Vanessa Hale: Hello from New Hampshire!
00:25:18 Claudia Phelps Wade: Hello, this Claudia from Phoenix, AZ
00:25:18 Melynee Naegle: Hello I am Melynee in Claremore, Oklahoma.
I am @mnmmath on Twitter. Thank you for this opportunity!
00:25:19 Alyse Olivieri: Hi from Boston, MA
00:25:19 Miranda Lambourne: hello everyone from Leesburg, Northern
Virginia
00:25:19 Katherine Garcia: Hi from Virginia
00:25:20 Said Chatir: Hello from Jamesburg NJ
00:25:20 Nicolette Nalu: BAMA
00:25:22 Branch Pronk: Hi Branch from Spotsylvania Va
00:25:22 roya basu: Hi from NJ
00:25:23 Amanda Ruppel: I'm so excited! :)
00:25:27 George Roy: Hello from Columbia, SC
00:25:27 Christine Casiere: Christine here in Wilmington NC!
00:25:28 Donald Wahlers: Don NJ
00:25:33 Jessica Holden: hello from TN
00:25:37 Latasha Bryant: Hi from Hendersonville, Tennessee
00:25:37 Ayesha Ali Khan: Good morning from Sydney, Australia.
00:25:38 Aya Zvaigzne: Greetings and best wishes to all, from Nashville, TN
00:25:41 Angela Dandridge: Hello from Va
00:25:41 Amiynah Haile: Amiynah Haile from Columbia, SC
00:25:45 Ashley Cusick: That's awesome!
00:25:48 Beth Kobett: I am so excited to be here tonight!
00:26:06 Melissa Soto: Good for you NCTM! Talk about making PD accessible!
00:26:16 Abby Roza: Thank you for offering an ASL interpreter.
00:26:17 Janine Ganapin: Good evening from Jersey City, NJ!
00:26:27 Mary Dugas: Hi! Mary, Louisiana
00:26:30 Cindy Bryant: Please change your setting to: All panelist and
attendees.
00:26:51 Karin Lange: Hello from Oklahoma! Appreciate all of the
presenters tonight!
00:27:02 Megan Hogan-Stedman: Hello from Concord, MA!
00:27:07 Konnie Guthrie: Hello from Las Vegas
00:27:11 Janaki Nagarajan: So excited to be here. Hi Cathery! And hi
all from Seattle
00:27:12 paloma carrera: hello from Texas
00:27:13 Michelle Kivett: Thank you!
00:27:18 Chonda Long: If you would like to see the ASL interpreter please
change your view to side by side
00:27:26 linda fulmore: Hello from AZ
00:27:28 Kathy Wanamaker: Hello from Georgia!

00:27:42 Lara Metcalf: Lara from Atlanta and yay for you all for accessibility!

00:27:49 Lisa Giugliano: From NY

00:28:08 Nicole Dollar: Hi, from VA

00:28:14 Amy Frierson: Hello from Texas

00:28:14 Abby Roza: Did someone catch the presenters' twitter handles?

00:28:19 Chonda Long: If you would like to see the ASL interpreter please change your view to side by side

00:28:26 Amanda Ruppel: That's powerful

00:29:05 David Barnes: @YehCathery

00:29:19 Jose Vilson: We just cheered the essential workers while this got started. The sirens are still out there.

00:29:25 Cecilia Lopez: CA

00:29:36 Carly Jardinier: @YehCathery @efriasmonkey @mbrennanteach

00:29:38 Beth Kobett: LOVE @JoseVilson

00:29:39 jeanine colwell: jose that's awesome

00:29:51 Marian Dingle: Mothers of children with disabilities! Yes!

00:29:57 Denise Quarles: Hello from Atlanta

00:30:06 Emily Kavanagh: Prayers to them

00:30:15 Marian Dingle: Tears!

00:30:24 Elisa Waingort: Sending prayers and positive thoughts.

00:30:25 Brian R. Lawler: HI Atlanat!!

00:30:25 David Barnes: Brian Meyer - @doingmath

00:30:28 Vanessa Hale: Bless you Emilia and your family.

00:30:28 Dawn Smith: what a great point! I totally agree! Some of the parents of my students are migrant farm workers. They have gone from being looked down upon to now being essential.

00:30:28 Melissa Soto: So sorry!

00:30:29 Michelle Kivett: Love and prayers!

00:30:35 Alison Pepero: Sending positive thoughts

00:30:37 Ashley Jones: praying!!

00:30:38 Chonda Long: If you would like to see the ASL interpreter please change your view to side by side

00:30:52 Susanne Villagracia: I am in tears as well. I am sorry to hear this

00:31:09 Emily Kavanagh: All children deserve to learn

00:31:26 Gabrielle Bertrand: All children CAN learn!!

00:31:29 David Barnes: Brian Lawler - @blaw0013

00:31:41 Rachel White: Thinking of you Emilia.

00:31:49 Cindy Bryant: Emilia, we miss you and are praying for your family.

00:31:52 Marian Dingle: Emilia is LOVE

00:31:53 Megan McPartland-Matrick: Sending her and her family many kind thoughts and prayers!

00:32:13 Tim Bartlett: Tim from Lake Stevens, WA

00:32:29 Cindy Wilson: Gives me chills

00:32:30 Nellie Alvarez: From Nellie Alvarez in Goodyear, AZ

00:33:03 Susanne Villagracia: I have a student that wouldn't answer a

Question because he stated, I can't answer that, I am not smart enough, My class and I helped him through it

00:33:12 Chonda Long: If you would like to see the ASL interpreter please change your view to side by side

00:33:34 Marian Dingle: Changing systems! Not just hearts and minds. Yes!

00:33:35 NICOLE RIGELMAN: Happy birthday Brian Lawler!!

00:33:45 Steven Greenstein: Happy birthday Brian Lawler!!

00:33:45 Susanne Villagracia: Happy Birthday

00:33:46 Andrea Lee: Happy birthday Brian!

00:33:47 Emily Kavanagh: Happy Birthday Brian

00:33:48 Marian Dingle: Hey Brian!!! Woo-hoo!

00:33:49 Elisa Waingort: Happy birthday!

00:33:49 Judith Griscom: Happy Birthday, Brian!

00:33:49 Jeff Shih: Happy birthday, Brian!

00:33:49 Jennifer Wolfe: Happy Birthday Brian!

00:33:49 Pam Cadena: Happy Birthday!!

00:33:50 Stacy Miller: Happy birthday

00:33:50 Sharon Ling: Happy birthday!

00:33:50 Ashley Cusick: Happy birthday!

00:33:50 paloma carrera: HBD

00:33:50 Abby Roza: HAPPY BIRTHDAY!

00:33:50 Pamela Stark: Happy Birthday

00:33:50 Stephanie Rish: Happy Birthday =)

00:33:50 Kim Ellis: Happy Birthday Brian\

00:33:51 Michelle Silvia: Happy birthday

00:33:51 Reka Moldovan: Happy birthday!

00:33:51 Abigail Manry: Happy Happy Birthday!

00:33:51 Kristen MacDougall: Happy birthday!

00:33:51 Marilu Deal: Happy Birthday!

00:33:51 Alyse Olivieri: Happy Birthday!

00:33:51 Leslie Texas: Happy Birthday!

00:33:51 Mellanie Braga: Happy 24TH!

00:33:52 Dawn Smith: Happy Birthday Brian!

00:33:52 Robert Kaufmann: Happy birthday

00:33:52 MARY MURTHA: HB, Bryan!

00:33:52 Angelica Johnson: Happy Birthda

00:33:52 Annette Duffer: Happy Birthday Bryan!

00:33:53 Renee Catalano: Happy Birthday B!

00:33:53 Brandon Daniel: Happy Birthday!

00:33:53 Andina Dwiyani Anwar: Happy bday Brian!

00:33:54 Donna Kerstetter: Happy Birthday!!

00:33:54 Patricia Ishihara: Happy Birthday! :)

00:33:54 Michelle Kivett: Happy birthday!!!

00:33:54 Nithya Soundararajan: Happy Birthday Brian

00:33:55 Daniel Irving: Happy Birthday!

00:33:55 Rachel White: Happy birthday!

00:33:55 Heather Todd: Happy Birthday!

00:33:55 Melanie Pace: happy birthday

00:33:55 Sharon Stoeckel: Happy BirthdaY

00:33:55 Gabrielle Bertrand: Feliz Cumpleanos!
00:33:56 Dewey Gottlieb: Happy bday bryan! Cheers!
00:33:56 Katherine Hindman: Happy birthday!
00:33:56 Rene Hudgins: Happy 24th Birthday Brian!
00:33:56 Khaalia Taylor: HAPPY BIRTHDAY!
00:33:56 Camille Greene: enjoy the day
00:33:57 Mary Anne Opila: Wow! Happy B-Day!
00:33:57 Sharon Laahs: Happy Birthday!! :-)
00:33:57 Kathy Wanamaker: Happy birthday!
00:33:58 Deanna Richardson: Happy Birthday!!!
00:33:58 Cindy Bryant: Happy Birthday Brian!
00:33:59 Shak Bland: happy birthday, Brian!
00:34:00 sabrina reed: Happy Birthday
00:34:00 Denise Quarles: Happy 24th!
00:34:01 Leslie Sorace: Happy bday!
00:34:01 Katherine Garcia: Happy Birthday Brian!
00:34:01 Melanie Davis: Happy Birthday!!!!
00:34:02 Aya Zvaigzne: Happy [Birthday and best wishes !
00:34:03 Felicia Welch: Happy birthday!
00:34:03 Lori Krebs: Happy Birthday!!
00:34:03 Samantha Arauz: Happy birthday!!!!
00:34:03 Crystal buegeler: Happy Birthday Brian
00:34:04 Mirasol Laberinto: Happy Birthday Brian Lawler
00:34:04 Victoria Truman-Dooley: Happy Birthday, Brian!!
00:34:05 Penelope Thompson: Happy Birthday Brian!!!
00:34:05 Claudia Phelps Wade: Happy Birthday, Brian Lawler!
00:34:06 Antoinette Nista: Happy Birthday and many more!
00:34:06 Emily Kavanagh: Yes
00:34:06 Ann Hammonds: Happy Birthday!!
00:34:09 Jose Vilson: Feliz cumple!
00:34:10 Denise Walston: Happy Birthday Brian
00:34:14 Jennifer White: Happy Birthday
00:34:15 Shelly Jones: Happy Birthday!!!
00:34:15 Bina Kachwalla: Happy bday
00:34:16 Alison Pepero: Happy Birthday!!
00:34:17 Imani Goffney: Happy birthday Brian!
00:34:18 Denesha Howell: HAPPY BIRTHDAY BRIAN!
00:34:23 Lorie Huff: Happy Birthday!
00:34:25 Cathy Inman: Happy Birthday
00:34:27 Amiynah Haile: Feliz Cumpleanos Brian!
00:34:28 David Barnes: Yeah Beth Kobett!
00:34:30 Kathy Norlander: 🍷🍷
00:34:31 Lorie Huff: Yay Beth!
00:34:31 Beth Kobett: AWWWWWWW! Crying!
00:34:33 Gabrielle Bertrand: Intention drives intervention!!
00:34:43 Cindy Bryant: Right on Beth Kobett!
00:34:49 Brian R. Lawler: Thank you everyone. This wins by far, most
HBD wishes ever
00:34:50 Emily Kavanagh: I did not either
00:35:01 Denise Walston: Go Beth Kolbert

00:35:12 Gabrielle Bertrand: ??!
00:35:37 Sheila Webb: Did anyone catch that quote after saying all students are mathematically brilliant?
00:35:57 Dawn Smith: the house we speak become the house we live in?
00:35:59 Beth Kobett: So nice of @Cathery to include me - thank you!
00:36:07 Elisa Waingort: Moving kids around without changing the systems that support teaching and learning will not make the difference that we are looking for.
00:36:16 Gabrielle Bertrand: AGree!!
00:36:21 Anne Agostinelli: "If we believe in that premise it changes the way we interact with children and the ways that we are going to design instruction." - Beth Kobett
00:36:24 Chonda Long: If you would like to see the ASL interpreter please change your view to side by side

00:36:33 Sheila Webb: Thank you Anne!
00:36:41 Diane Anderson: agree
00:36:53 Anne Agostinelli: You're welcome! :)
00:36:59 Emily Kavanagh: I agree
00:37:11 Elisa Waingort: "Systems that are exclusive by design". Exactly!
00:37:13 Vanessa Hale: The education system was literally designed to exclude minority groups. This conversation is so important, thank you.
00:37:32 Rachel White: Equality of education for all.
00:37:44 Jolene Peterson: I would replace "BUT" with "AND." Using AND is much more powerful.

"All students are mathematically brilliant AND bring in such diverse mathematical experiences, languages, and ways of knowing!

00:38:29 Gabrielle Bertrand: Brave
00:38:29 Dawn Smith: question - what is TK?
00:38:38 Jamie Garner: transitional kinder
00:38:43 Dawn Smith: thanks!
00:38:58 Elisa Waingort: Yes, @Jolene. Replacing "but" with "and" makes a huge difference in mindset and results.
00:39:02 Imani Goffney: I am so grateful that this session is being text tracked and that there is an interpreter. My daughter needs all things text tracked so when videos, songs, movies, sessions, or other things can't have captions then she can't fully participate.
00:39:04 Michelle Kivett: Love it!!!
00:39:13 Alison Pepero: I LOVE IT!!!!
00:39:16 Melanie Doody: You can't see my big smile!
00:39:17 Imani Goffney: Great job Jason!
00:39:20 Chi-Man Ng: So cute!!
00:39:20 Jose Vilson: Word, Imani.
00:39:25 Diane Anderson: love it
00:39:25 Marian Dingle: Beautifulz1
00:39:25 Mary Anne Opila: such joy he has
00:39:28 Chonda Long: If you would like to see the ASL interpreter please change your view to side by side

00:39:29 Brandon Daniel: meaningful
00:39:36 Cindy Bryant: Way to go Jason!
00:39:37 Amy Frierson: Love the smile
00:39:40 Carly Jardinier: Adorable!
00:39:51 Rene Hudgins: So adorable!
00:39:54 Dawn Smith: he is so proud of himself. that is huge! :)
00:40:02 megan burton: Go Jason! Thanks for pointing this important moment
out.
00:40:07 Imani Goffney: Counting real things! Yes.
00:40:14 David Barnes: I love the smile and engagement!
00:40:30 Denise Walston: the joy of learning by wondering
00:40:35 Judith Griscom: Grouping in 10's! Place value!
00:40:37 Stephanie Rish: he is making groups of 10
00:40:41 Victoria Truman-Dooley: Grouping
00:40:41 Mary Anne Opila: groups of ten
00:40:41 Crystal buegeler: grouping tens
00:40:41 Gabrielle Bertrand: He's grouping 10s right to left
00:40:42 Joslyn Richardson: Place value beginnings
00:40:42 Reka Moldovan: making ten
00:40:43 Beth Kobett: Little ten frames!
00:40:43 Amy Frierson: Make 10
00:40:43 Alison Pepero: Groups of 10!
00:40:43 Shari Sklar: place value
00:40:43 Tabitha Shearer: Grouping
00:40:44 Velma Guidry: grouping
00:40:44 Monique Cabellon: unitizing!
00:40:44 Terri Davis: Grouping by 10 to count
00:40:44 Anne Agostinelli: I notice it appears he builds 10s from 5s
00:40:44 jeanine colwell: put them in groups of 10
00:40:44 Maggie Pfuntner: Groups of 10
00:40:44 Stacy Miller: place value
00:40:45 Susanne Villagrancia: Grouping
00:40:45 Robert Kaufmann: grouping
00:40:45 Megan Hogan-Stedman: Place value!
00:40:45 Hilary Kreisberg: He notices structure of ten
00:40:45 Mellanie Braga: GROUPING
00:40:45 Tamika Witherspoon: 10 frames
00:40:46 Emily Kavanagh: grouping
00:40:46 Lara Metcalf: Benchmark numbers
00:40:46 Marilu Deal: grouping
00:40:46 Heather Cumello: groups of 10
00:40:46 Lauren Convery: making groups of 10
00:40:47 Anjana Tihaiya: cont by 10 s
00:40:47 Christa Ribera: place value-makin ten
00:40:47 Rachel Hauser: Grouping
00:40:47 Pamela Stark: grouping
00:40:48 Megan Markham: counting by groups of ten
00:40:48 Kathleen Farry: Grouping
00:40:48 Melanie Davis: Modeling thinking
00:40:49 Bina Kachwalla: use of groups of ten

00:40:49 Alyse Olivieri: Grouping by 10
00:40:49 Janine Ganapin: Grouping
00:40:50 Elisa Waingort: Groups
00:40:50 Konnie Guthrie: grouping
00:40:50 Rebecca Ruth: Counting on from ten
00:40:50 Dawn Smith: forming groups of 10
00:40:50 Khaalia Taylor: Equal groups
00:40:50 Tabitha Shearer: Sorting
00:40:51 Katherine Hindman: grouping
00:40:51 Stacy Miller: grouping
00:40:51 Cindy Cliche: Groups of 10 and leftovers
00:40:51 Leslie Sorace: grouping
00:40:51 Merrellyn Banks: arrays
00:40:51 Angelica Johnson: GROUPING
00:40:52 Michelle Kivett: ten frames,
00:40:52 Michelle Silvia: Decomposition
00:40:52 Traci McKinney: 10 frames
00:40:52 Jenifer Crawford: arrays!
00:40:52 Rene Hudgins: 2 tens, 1 five, and 1 one so 6 ones.
00:40:52 Suzanne Smith: groups of 10
00:40:52 Kathy Wanamaker: grouping
00:40:52 Kathleen Cullen: grouping
00:40:52 Wanda Acevedo: groupings
00:40:52 Lisa Rogers: Grouping quantities of 5 and 10
00:40:52 Amy Frierson: Grouping
00:40:52 Marilu Deal: using a model
00:40:53 Shelly Jones: Skip counting by twos
00:40:53 Samantha Arauz: he is grouping by 10
00:40:53 Aya Zvaigzne: visual patterns
00:40:53 Kristen MacDougall: base 10
00:40:53 Felicia Welch: grouping
00:40:54 Pam Cadena: grouping by 10s to count quicker; organization
00:40:54 Nicole Dollar: groups of ten
00:40:54 Yulonda Terry: grouping, making ten frames, math his way
00:40:54 Cindy Cliche: sense of 5
00:40:55 Jennifer Hagman: organization
00:40:55 Ginger Foran: groups of 10
00:40:55 Abigail Manry: The use of a ten frame, rows and columns
00:40:55 Noreen Pirog: He's organized his peas into two groups of 10 and 6
ones...sset up like a ten frame
00:40:55 Jessica Holden: modeling, place value
00:40:56 Rita Bryant-Reams: Arrays, Grouping
00:40:56 Alyssa Kaplan: counting by tens using ten frames as a tool
00:40:56 Victoria Truman-Dooley: Grouping in 10s, but by 5s
00:40:56 Brandon Daniel: making connections, adding on to ten
00:40:56 Kristen MacDougall: visual
00:40:56 Megan Markham: using manipulatives!
00:40:56 Jennifer Heldenbrand: breaking numbers into 10s and ones
00:40:56 Steven Greenstein: Let's emphasize mathematical activity, too!
Play!

00:40:56 Diane Anderson: grouping
 00:40:56 Traci McKinney: grouping
 00:40:57 Mirasol Laberinto: group of 10
 00:40:57 Patricia Wright: He is making sets
 00:40:57 Ann Assad: Making ten
 00:40:57 Deborah Chapdelaine: grouping counting by 10s sorting
 00:40:58 Melissa Mitchem: He knows 2 groups of 5 make 10
 00:40:58 Jill Ethridge: patterns, sets, countin in tens
 00:40:58 Rita Shamrock: two groups of 10 plus
 00:40:58 Daniel Seif: groups multiplication of 5's
 00:40:58 Lisa Crawford: making groups of 10
 00:40:59 Leona MaasBekkers: Groups of ten and then some more
 00:40:59 Ginger Foran: tens and ones
 00:40:59 Lorie Huff: Groups of 10; 10 Plus more ones
 00:40:59 Imani Goffney: Wow! Way to go Jason! I notice that he is grouping
 his peas to make them easier to count
 00:41:00 Kristin Messenger: grouping
 00:41:00 Angelica Johnson: VISUAL PATTERN
 00:41:02 Lisa Crawford: place value
 00:41:02 Melissa Soto: Making ten frames! And grouping but tens
 00:41:02 Donald Wahlers: grouping in 10s, maybe 5s
 00:41:03 Michelle Silvia: groups of 10
 00:41:03 Adrienne McPherson: turning everyday life into math
 00:41:03 Antoinette Nista: He grouped by 10 and then 5
 00:41:03 Jackie Botts-Crawley: ten frame
 00:41:04 Sharon Ling: making groups!
 00:41:04 MARY MURTHA: He's already creating the 3rd ten frame set up 5
 that 1 more
 00:41:05 Melanie Myers: say 10 way of counting
 00:41:05 Jennifer White: counting, grouping, arrays, making connections
 00:41:05 Bina Kachwalla: Ten and more
 00:41:05 Crystal buegeler: orgainizing
 00:41:05 Samantha Arauz: ten frames - arrays - patterns
 00:41:06 Melanie Pace: grouping with tens frames
 00:41:06 Mary Anne Opila: organization
 00:41:06 Renee Catalano: He believes he can find the answer and uses
 strategies he has learned to do that
 00:41:07 Claudia Phelps Wade: One to one correspondence, groups of 10
 00:41:07 Denise Walston: composing a ten with some left over
 00:41:07 Elaine Lee: Forming equal groups- sets of five and two sets of
 five to make ten
 00:41:08 Melynee Naegele: I notice that Jason is grouping. He is using
 what he knew before and connecting it to this new situation.
 00:41:08 Christopher Kenny: Usage of base 10 for adding single and
 multi-digit numbers
 00:41:08 Terri Davis: The extra 6 are in a 5 and 1
 00:41:08 Nora Chase: Grouping base ten
 00:41:09 Elizabeth Esqueda: I see ten frames
 00:41:09 Renee Catalano: grouping
 00:41:09 Megan Hogan-Stedman: Halves - filling 5 at a time

00:41:10 Traci McKinney: counting by 10s
00:41:10 Debra Carter: making groups of ten
00:41:10 Camille Greene: He is able to organize his thinking by having
structure
00:41:11 Susanne Villagracia: Context from prior knowledge
00:41:12 Jennifer Heldenbrand: such joy!
00:41:13 Ange Kendall: grouping
00:41:13 Lori Krebs: grouping of 10 and patterns
00:41:13 Gabrielle Bertrand: Looks like he starts on the top row and
continues with the row below
00:41:15 Stacy Miller: place value
00:41:16 Jessica Allen: Thinking Skills and Reasoning Skills
00:41:16 Lisa Rogers: subitizing
00:41:16 Christopher Kenny: Great questioning and reasoning
00:41:16 Ange Kendall: patterns
00:41:18 Amy Frierson: Connection to 10 frames
00:41:18 Elaine Lee: Framing
00:41:18 Stacey Gilner: grouping ,patterns, classify
00:41:18 Andina Dwiyani Anwar: ten frames
00:41:18 Jackie Botts-Crawley: subitizing
00:41:19 Kelly Reigle: conservation of quantity
00:41:19 Lisa Crawford: base ten blocks
00:41:20 Renee Catalano: one to one correspondence
00:41:20 Jennifer Hagman: doing what makes sense to him
00:41:21 Kristin Albaugh: logic
00:41:22 Ange Kendall: place value
00:41:23 Staci Brock: grouping, making ten. Math fun
00:41:25 Lisa Crawford: ten frames
00:41:26 Diane Anderson: logic
00:41:28 Jessica Allen: 1 to 1 correspondence
00:41:28 Renee Catalano: questiong
00:41:28 kristi kayoda: Subtizing
00:41:29 Alicia Broadwater: Grouping by ten and some more ones
00:41:30 Patricia Ishihara: Most important, it seems to me, is that he
was able to connect mathematics to something he sees in front of him...he has a
strategy to think mathematically and communicate!
00:41:30 Brandon Daniel: decomposing
00:41:31 Gabrielle Bertrand: applying
00:41:34 Michelle Kivett: confidence
00:41:36 Ange Kendall: basic math calculation
00:41:36 Leona MaasBekkers: groups of two to ten
00:41:36 Elaine Lee: Ordering L to R
00:41:39 Suzanne Smith: real world problems
00:41:41 Cecilia Lopez: He is having fun!
00:41:41 Susanne Villagracia: Real life context
00:41:43 Bina Kachwalla: persistance
00:41:46 Melynee Naegele: Decomposing and recomposing
00:41:47 Alicia Broadwater: math relevance
00:41:53 Elaine Lee: How many more to make ten
00:41:56 Michelle Kivett: enthusiastic

00:41:57 Bina Kachwalla: relevant
00:41:59 Dewey Gottlieb: problem solving strategy
00:42:09 Cecilia Lopez: real life applications
00:42:10 Stacey Gilner: number sense
00:42:16 Yulonda Terry: meaningful math
00:42:17 Hilary Kreisberg: Math is social!
00:42:29 Elaine Lee: Patterns
00:42:33 Susanne Villagracia: Yes math is everywhere, combining what he
knows with lunch time too
00:42:36 Patricia Wright: Transferring knowledge from classroom to
outside.
00:42:36 Diane Anderson: number sense
00:42:40 Elaine Lee: Observation
00:43:15 Megan McPartland-Matrick: place value, number sense, tens
frames
00:43:51 Gabrielle Bertrand: identification is so damaging to mind set:(
00:44:04 Brandon Daniel: students creating context is so much better than
teachers creating context for students
00:44:26 Steven Greenstein: Thank you for the citation!
00:44:35 Chonda Long: If you would like to see the ASL interpreter please
change your view to side by side

00:44:40 Gabrielle Bertrand: Because do they really have a “disability”?
00:45:08 Josie Ramos-Leyva: What is is MLD?
00:45:09 Brian R. Lawler: Right!
00:45:10 Kathy Wanamaker: That is amazing!
00:45:11 Elisa Waingort: Right, @Grabrielle.
00:45:20 Emily Kavanagh: Yes
00:45:33 Diane Anderson: yes
00:45:34 Kristin Albaugh: project based learning gives the students
the opportunity to explore problem and solutions - as well as real world skills
(math is a great content to practice these important skills)
00:45:39 Paula Wells: Paula Wells from Hammond, Louisiana-this makes sense
00:45:45 Elaine Lee: Operations must be seen as actions!
00:45:51 Steven Greenstein: knowing is doing is becoming
00:46:19 Stacy Miller: I love thephrase productive struggle
00:46:30 Kristin Albaugh: Plus it releases dopamine in the brain and
helps to achieve the ability to access the executive function even with students who
are learning how to self-regulate
00:46:45 Victoria Truman-Dooley: What book title again?
00:47:04 jeanine colwell: Catalyzing Change
00:47:04 Jamie Garner: Catalyzing Change in Early Elementary Mathematics
00:47:05 Dawn Smith: Catalyzing Change. It is pictured in the corner
00:47:15 Bina Kachwalla: Great story Melissa
00:47:31 Gabrielle Bertrand: S000 small!!!
00:47:35 Christa Ribera: I think most teachers don't know how- we need to
know HOW to be able to implement change
00:47:46 Beth Kobett: LOVE THOSE!
00:47:50 Alison Pepero: That's awesome!
00:47:59 Nicole Dollar: What a great idea!!!

00:48:11 Nicolette Nalu: LOVE IT!!
00:48:15 Christa Ribera: PD on how to teach this way is key
00:48:27 Stephanie Bell: Great idea!
00:48:29 jeanine colwell: yes, christa
00:48:31 Paula Wells: This is awesome!!
00:48:43 Marian Dingle: Right???
00:48:45 Stacy Miller: for older grades as well
00:48:52 Beth Kobett: They are as big as the students are - so interesting!
00:48:53 Chonda Long:
<https://www.nctm.org/Store/Products/Catalyzing-Change-in-Early-Childhood-and-Elementary-Mathematics/>
00:49:01 Necole Atkins-Dowd: Christa you are right.
00:49:19 Beth Kobett: Nice high level questions!
00:50:34 Chonda Long: If you have a question, please type it in the Q and A box
00:50:42 Gabrielle Bertrand: I like the way these MPs are organized!!!
00:50:44 Velma Guidry: Building procedural fluency from conceptual understanding...Too often teachers just want to provide the process and not allow scholars to build the fluency
00:50:44 Melynee Naegele: I think teaching using the 5 Practices for Productive Discourse, Principles to Action, Productive struggle is rare because teachers cannot do what they do not know how to do. I did not learn how to do this until I went back to college and obtained my MS to be a K-8 math specialist. The educators that teach students with disabilities are some of the most vulnerable just like their students. These teachers are often pushed to the side and not valued just like the students they serve.
00:51:04 Stacy Miller: I try to help with productive struggle in my special ed and my regular ed classes but students do not like to struggle
00:51:12 Michelle Silvia: More listening of student ideas and less lecture
00:51:16 Katherine Hindman: The most challenging practice to implement is posing purposeful questions.
00:51:17 Kristin Messenger: Daily, they are posted in my classroom and referred to throughout my lessons
00:51:17 Megan Markham: Most challenging is to have students give me evidence of their thinking
00:51:18 Ashley Cusick: Most challenging is productive struggle.
00:51:20 Khaalia Taylor: Productive struggle is most challenging
00:51:21 Julian Laferrera: Low floor high ceiling problems
00:51:22 Michelle Silvia: Real life examples
00:51:25 Terri Davis: Choosing good tasks still seems to be a challenge at my school.
00:51:28 Kathleen Farry: Productive struggle- most challenging
00:51:29 Michelle Kivett: I'm in a self contained Autism Life Skills classroom. A lot of the issue is attention span and retaining the info.
00:51:30 Patricia Wright: Implement number talks
00:51:31 Gabrielle Bertrand: A lot of kids in special ed don't get practice with MPsas hard as we try to pull them into the classroom,
00:51:34 Elaine Lee: Elicit and use evidence of student learning and

misconception

00:51:34 Brandon Daniel: Supporting Productive struggle can be challenging as teachers want to jump in and scaffold

00:51:36 Robert Kaufmann: productive struggle is the most challenging.

00:51:37 Rachel White: Productive struggle.

00:51:37 Leslie Sorace: Getting students involved in their own productive struggle.

00:51:38 Amy Frierson: I like to see productive struggle

00:51:39 Megan Hogan-Stedman: In my math intervention class, we specifically focus on MP1 and MP7.

00:51:40 Rachel Hauser: Productive struggle is difficulty because students are not used to thinking and working with math this way.

00:51:40 Lara Metcalf: We struggle with several that involve language because of our students language deprivation

00:51:41 Dawn Smith: higher level thinking

00:51:42 Beth Kobett: @Melynee - I appreciate this. We need to value, lift up and showcase the strengths of our teachers first!

00:51:42 Janine Ganapin: posing purposeful questions is hardest

00:51:42 Stacy Miller: I am working on discourse right now in a socially distant way

00:51:42 Monique Cabellon: I use the practices as part of my teaching goals each day. We reflect on how we met some of the practices for the day. Virtually, they are at the end of my lesson too. I'm a Title Math teacher and these form the basis of my teaching every day

00:51:44 Emily Kavanagh: Using and connecting mathematical representations is the hardest for my students.

00:51:44 Mirasol Laberinto: Real life situations

00:51:46 Donna Kerstetter: perseverance

00:51:46 Dawn Schulte: Used daily, we love rigorous tasks

00:51:48 Josie Ramos-Leyva: perserverance

00:51:48 Mary Anne Opila: most challenging: productive struggle

00:51:48 Lisa Crawford: developing high floor low ceiling questions

00:51:50 Aya Zvaigzne: Get students talking to each other with a safe feeling (talking about math)

00:51:50 Michelle Silvia: Always questions

00:51:51 Kristen MacDougall: HOTS - higher level thinking skills

00:51:54 Nicole Dollar: Making math meaningful.

00:51:55 Karen Gauthier: We've built a growth mindset in my classroom- students love to "make their brain grow" when they make mistakes. We embrace the struggle!

00:51:55 Kathy Wanamaker: Real world!

00:51:56 Joslyn Richardson: Productive struggle and perseverance

00:51:57 Abigail Manry: The Mathematics Teaching Practices are represented in varying degrees from classroom to classroom. Definitely productive struggle that supports mathematics

00:51:57 Kristen Floyd: Mathematical discourse is difficult. I have different grades of students on different levels at the same time.

00:51:59 Alison Pepero: Less I do and more they (students) do. Have the students problem solve using higher level thinking.

00:52:00 Naomi Church: I do professional development for teachers of students struggling in math. More than half of the teachers who attend my PD aren't aware of the teaching practices when they walk in. That could be why their students are struggling...

00:52:01 Lori Krebs: Productive struggle, questions

00:52:02 Cindy Bryant: Asking the right question at the right time.

00:52:07 Diane Anderson: real world

00:52:08 Merrellyn Banks: high level thinking skills

00:52:10 Shannon Clark: Targeting high level thinking skills when students struggle with basic foundational skills

00:52:12 Bina Kachwalla: I am a math consultant and provide PLD to schools. I love these and PLD programmes are focussed on these practices. I would like my teachers to give opportunities to all students to experience these. We have mixed ability groups where they learn from each other

00:52:14 Ann Assad: Students need time to think.

00:52:19 Maurice Gatewood: Elicit and use evidence of student thinking.

00:52:23 Melanie Pace: real world. relating to them to the students.

00:52:24 Lisa Crawford: perseverance

00:52:26 Aya Zvaigzne: Teaching and practicing how to talk to each other.

00:52:27 Susanne Villagrancia: Yes time to think, oh I agree

00:52:27 Stacy Miller: hang time is hard

00:52:28 Antoinette Nista: Kids are afraid to get the answer "wrong" ; they don't want to take academic risk and struggle.

00:52:29 Melissa Soto: Posing purposeful questions, because we really have to be curious about their thinking.

00:52:31 Megan Hogan-Stedman: The one that is easiest to incorporate is MP3 - construct viable arguments

00:52:33 Victoria Truman-Dooley: Too much curriculum, not enough time for productive struggle... how can we change the STANDARDS EXPECTATIONS so students can actually have TIME?

00:52:33 Donna Kerstetter: flexible thinking

00:52:34 Lynne Godfrey: During this pandemic the struggle seems to be to build procedural understanding from conceptual as parents teach their children procedures they are familiar with

00:52:35 Kristin Albaugh: I use guided math practices. It allows for differentiated instruction which supports both gifted math students as well as students who struggle. I encourage them to problem solve as a group and support their practices when they fail. I give them permission to learn from their mistakes

00:52:35 Michelle Kivett: Time to think especially in the EC classrooms

00:52:37 Jolene Peterson: unfortunately, many teachers don't believe students with a math disability can't do these 8 practices because it looks different than "regular" students.

00:52:40 Debra Carter: The practices guide my instruction and procedures in class.

00:52:40 Kimberly Brown: Chonda will you post the link to the presentation. Thank you

00:52:41 Susanne Villagrancia: Silence is o.k.

00:52:43 Noreen Pirog: Never say anything a student can say themselves!

00:52:49 Konnie Guthrie: I think we (math teachers) all try to implement them

with varying degrees of success. Student self efficacy is a struggle in regards to SMP>

00:52:52 Pam Cadena: importance of mathematical discourse
00:52:53 Paula Wells: Productive struggle,
00:52:53 Gabrielle Bertrand: Love it Noreen!!!
00:52:56 Alison Pepero: Its ok not to know the answer and its ok to be wrong

00:52:57 Amy Frierson: I'm working on trying to get my teachers to move from timed fact tests.
00:52:57 Elaine Lee: Issue may be emphasizing procedural fluency over conceptual understanding
00:52:58 Melynee Naegele: I use ALL of these EVERY single day. I do so because I have been taught to do so. The most challenging is finding the just right questions to ask. Anticipating is helpful, but sometimes time is a villain that tries to pull you from your goal!
00:53:00 Melanie Davis: Coteachers who do not believe in struggle and the benefits of mistakes
00:53:01 Elisa Waingort: Walking away and letting a student or a group struggle through a problem - this is hard to do for me!
00:53:07 Stacey Gilner: Prior to last year, our math curriculum would label which mathematical practice was taking place and we would talk about why/how
00:53:09 Yulonda Terry: I think they are implemented daily. peer tutor, student led activities, critical thinking situations.
00:53:11 Leona MaasBekkers: Purposeful questions is a challenge for teachers. Often questions are centered on getting the "right" answer.
00:53:12 Cindy Bryant: Low floor high ceiling tasks
00:53:13 Rita Bryant-Reams: I've found the practices to be most effective during math center rotations.
00:53:13 Patricia Ishihara: If you put your cursor into the chat and tap on a particular entry, it will pause there, then you can scroll through at your own pace :)
00:53:13 Mellanie Braga: First steps would be to plan and take note of what students are thinking so we can be able to rephrase or pose new questions. Purposeful questions are difficult to make.
00:53:16 Michelle Kivett: Several questions are in the Q and A
00:53:21 Samantha Arauz: On the first day of school, we tell the kids that we LOVE mistakes! We encourage them and look at them as a way of seeing what they are thinking and teaches us all a lesson!
00:53:24 Kristin Albaugh: We start with an essential ? and come back at the end and determine who we solved that or if we didn't what do we need to do
00:53:27 Lori Krebs: Agree Melanie about co-teachers.
00:53:31 Kristin Albaugh: GRIT
00:53:32 Dawn Smith: think seeing me make math mistakes helps them realize that it is ok if they make them
00:53:40 Noreen Pirog: They learn a lot when they have to revoice someone else's math thoughts!
00:53:44 Patricia Wright: Number talks allows students to see other representations.
00:53:47 Gabrielle Bertrand: Be the least helpful teacher you can be!!
00:53:48 Maurice Gatewood: All our problems have a story making it a

purposeful question.

00:53:49 Debra Carter: They are allowed time to think and figure out solutions to problems. They check their mathematical thinking against what others think.

00:53:49 Pam Cadena: My favorite question is WHY

00:53:52 Daniel Seif: I tell them I can teach from mistakes

00:53:52 Michelle Kivett: questions are in the Q and A

00:53:54 Yulonda Terry: we take erasers away so they don't erase. they write and correct their mistakes

00:53:56 Brandon Daniel: mistakes are learning opportunities

00:54:03 Monica Roland: We start our year with discussions about making mistakes, having a growth mindset, and I think the struggle time". The standard most difficult for me to implement is constructing viable arguments - my students are not used to explaining themselves and it takes us a little time to get them in the habit.

00:54:03 Stacey Gilner: Using the correct math tool. Thinking of building toolboxes this year.

00:54:14 Christina Siow Young: the power of the word "Yet"

00:54:17 Christina Hall: I always celebrate mistakes. I tell them it is how we learn.

00:54:29 Paula Wells: I agree!!

00:54:29 Dawn Smith: love the power of yet!

00:54:38 Melynee Naegele: I embed the science of growth mindset daily, SMPS, productive struggle, joint construction of knowledge. Teachers have to learn how to do this. They also have to be supported.

00:54:50 Kristin Albaugh: Kids need to understand the language of math. I tell them it is like learning another speaking language

00:54:51 Gabrielle Bertrand: Boooooo!!!! Drives our special education dept:(

00:55:06 Yulonda Terry: I have found a lot of students multiply before they can add

00:55:08 Elisa Waingort: This myth is similar to the one in literacy that kids need to know their letters before reading and writing.

00:55:23 Dawn Smith: Yet is huge with my 3rd graders as we learn so many new big ideas that they haven't experienced before.

00:55:34 Melissa Brennan: exactly elisa!

00:55:54 Victoria Truman-Dooley: Agreed!! How do we go about changing myth #2?!?!

00:55:59 Yulonda Terry: I agree with the reading comment

00:56:07 Kristin Albaugh: neuroscience shows the part of the brain we practice we will make stronger so children can learn math aside from fluency of facts

00:56:23 Yulonda Terry: I agree with the third grade comment also

00:56:41 Gabrielle Bertrand: I challenge the notion of disability

00:56:44 Maren McMartin: Is anyone else struggling to hear when the papers get moved?

00:56:49 Carol Matsumoto: There is a thread that has connected many of these sessions that I have attended

00:57:02 Marian Dingle: Disability as an identity. Woah.

00:57:09 Imani Goffney: Whoa.

00:57:11 Kristin Albaugh: we need to give them the chance to be exposed to higher depth of knowledge questions -

00:57:31 megan burton: such a powerful concept.

00:57:36 Amiyah Haile: I agree with you Kristin

00:57:36 Jenise Sexton: Wow. What an analogy.

00:57:58 Stacy Miller: i try now to show examples and let them develop the "rule"

00:58:15 Hilary Kreisberg: I love when kids do things differently than we expect! :)

00:58:21 Donald Wahlers: Catalyzing Change Books:
<https://www.nctm.org/Search/?query=catalyzing%20change#?wst=7cd19900dea59c8c0b2b6705ba2b0da6>

00:58:22 Marian Dingle: Wait time. Yes!

00:58:23 Brian R. Lawler: Yes :)

00:58:32 Gabrielle Bertrand: That is SO hard to do-nice job!!

00:58:37 Elisa Waingort: Kid watching and then conferring with kids gives us so much information!

00:58:38 Susanne Villagracia: Yes. Wait time. For sure

00:58:45 Cindy Bryant: WoW!!!

00:58:58 Alison Pepero: LOVE WAIT TIME

00:59:05 Elisa Waingort: Wow!

00:59:08 Yulonda Terry: we write our lesson plans to include how we give them opportunities for those higher Depth of Knowledge Questions.

00:59:08 Imani Goffney: I saw this- beautiful!

00:59:17 Dawn Smith: <3

00:59:19 Steven Greenstein: <4

00:59:30 Denise Walston: Beautiful

00:59:31 Gabrielle Bertrand: Love it

00:59:33 Marian Dingle: No more constraints.

00:59:34 Imani Goffney: Wow!!!!

00:59:37 Diosa Doane: I love that, looking for hidden hearts in our students

00:59:40 Michelle Kivett: Awesome!!!

00:59:40 Corey Drake: Love the idea of looking for hidden hearts!

00:59:42 Diane Anderson: wow

00:59:44 Yulonda Terry: Powerful statement!

00:59:51 Shelly Jones: Wow! What a powerful idea. Stop constraining ...

01:00:00 Beth Kobett: LOVE THIS! What would happen if we talked less and observed more... GOOSEBUMPS!

01:00:15 Noreen Pirog: Students need opportunities to build their own understanding and that often requires patience from the adults facilitating the math activity

01:00:22 Marian Dingle: Choice. Nonverbal. This is gold.

01:00:25 Elisa Waingort: What we think we see kids are doing is rarely what they are doing and thinking.

01:00:34 Donald Wahlers: The one doing most of the math talking is doing most of the math learning!

01:00:37 Mary Dugas: ??unsuccessful adults, want to learn exactly like everyone else?? HOW to help them experience MATH for their journey...not mine or anybody else's????

01:00:43 Lorie Huff: Observe and listen more; talk less
01:01:40 Gabrielle Bertrand: NO!!!!
01:01:43 Kristin Albaugh: There has been research that demonstrated students who were not typically considered in higher level math - for example AP courses because maybe not performing well in other math courses or demographics were considered in the selection of their math courses they were actually able to compete with their classmates who fit the mold - hopefully we will learn the inequities in education, but particularly in math courses
01:02:00 Kristin Albaugh: through this pandemic
01:03:11 Shelly Jones: Lord
01:03:16 Amiynah Haile: Talking less is so difficult for teachers to do. We need to work on letting Go!
01:03:55 Noreen Pirog: In my experiences, challenging a "gifted" student to draw or build a representation of the math they are calculating often leads to students shutting down because they are so used to calculating quickly that they don't often know what it looks like or means...
01:04:27 Gabrielle Bertrand: BOO
01:04:35 Marian Dingle: Yes! Tracking begins in elem. Ugh!
01:04:36 Katherine Hindman: So true!
01:04:40 Terri Davis: I agree, Noreen. Grouping hurts students at both ends of the spectrum.
01:04:49 Nicole Dollar: applauding you!!!
01:05:01 Amiynah Haile: Sadly we live in a Tracking Society.
01:05:05 Melanie Doody: Amen!
01:05:07 Noreen Pirog: Sometimes, the students who are considered "low" have the most creative ways to solve problems...the "high" students can learn a lot from them! (and I do not promote the labels of "low" and "high")
01:05:16 Elisa Waingort: Switch from intervention on children to intervention on practices! Amen!
01:05:41 Marian Dingle: LOVE YOU!!!
01:05:43 Cindy Bryant: Intervention on practices indeed!
01:05:52 Dawn Smith: and once you have been labeled as being low in math,, you come to believe it. Even when you are an adult.
01:06:19 Melissa Soto: Woohoo, San Diego represent!
01:06:31 Denise Walston: Dawn Smith: so true
01:06:52 Dawn Smith: I still think that way personally
01:07:14 Jenifer Crawford: We allow people to say they're bad at math...we don't allow that for reading though. You believe what you say and hear.
01:07:33 Amiynah Haile: Fixing the system is an avenue to begin seeing progress.
01:07:50 Teri Marx: Students with disabilities spend most of their time in general education--ALL teachers need to understand how to support learners' needs and create meaningful tasks for ALL students that are scaffolded and incorporate explicit instruction to support student development of skills in foundational/deficit areas (and not just mathematics skills!) before just saying "that kid can't do this..."
01:07:57 Michelle Silvia: That is what I see
01:08:06 Gabrielle Bertrand: Nice Teri
01:08:26 Gabrielle Bertrand: Tired of hearing people say that about my students!!!!!!!!!!!!!!!!!!!!

01:08:36 Yulonda Terry: I think Math is intimidating for some students because for so long...only one way to come up with the answer is the correct way. I see this with my own child.

01:08:37 Aya Zvaigzne: PLEASE CAN WE HAVE A COPY OF THAT SLIDE ? (thank you)

01:08:49 Yulonda Terry: was

01:08:57 Joslyn Richardson: Can we screenshot?

01:09:02 Katherine Hindman: Yes, I would like a copy of this slide.

01:09:02 Jenifer Crawford: yes

01:09:07 jeanine colwell: I took a picture with my phone

01:09:07 Gabrielle Bertrand: Yes

01:09:10 Aya Zvaigzne: i don't have a phone that can take pictures

01:09:14 Aya Zvaigzne: teacher salary

01:09:16 Jenifer Crawford: you can screenshot

01:09:19 Michelle Silvia: How do you do that?

01:09:21 Gabrielle Bertrand: shift command 4

01:09:27 Aya Zvaigzne: mac ?

01:09:30 Gabrielle Bertrand: yp

01:09:33 Gabrielle Bertrand: yup

01:09:43 Jenifer Crawford: yes. command shift 3 does the whole screen

01:09:47 Monique Cabellon: snip tool

01:09:50 Patricia Ishihara: Shift command 3

01:10:10 Tracey Sweeney: i just did a screenshot of it.

01:10:26 Aya Zvaigzne: AWESOME THATWORKED

01:10:33 Steven Greenstein: shift-control-command-4 on a mac lets you clip a portion of the screen.

01:10:40 Chonda Long: The recording will be available tomorrow afternoon at <http://www.nctm.org/100>

01:12:27 Cindy Bryant: Chonda, Faith, and Dave rock!

01:12:52 Victoria Truman-Dooley: please move the mouse...

01:13:20 Patricia Ishihara: The bar that pops up covers the presentation

01:14:26 David Barnes: I agree @Cindy. And Cindy does too!

01:14:45 Cindy Bryant: You are too kind Dave!

01:15:03 Elaine Lee: Problem-based learning allows students with different learning styles to demonstrate understanding, individual perspective and brilliance

01:15:08 Rachel White: This is very impressive.

01:15:13 Brian R. Lawler: Agree @Eaine

01:15:19 Steven Greenstein: Yep, bold and impressive.

01:15:23 Nadia Messadi: what is SMP?

01:15:32 Brian R. Lawler: Standards for Math Pzpractice

01:15:53 Lara Metcalf: Wonder how you came to the decision about the curriculum you picked?

01:16:28 Cindy Bryant: Thank you for sharing this information.

01:16:51 Noreen Pirog: LOVE the Standards of Math Practices! The CCSS standards are the WHAT and the practices are the HOW!

01:16:52 Chonda Long: Thanks Melynee!

01:17:04 Elisa Waingort: These changes require a lot of consistent, persistent and dedicated work. Kudos to all of the teachers involved in these changes. What an amazing professional learning and leadership opportunity. Congrats!

01:17:09 Elaine Lee: Interested in impact on students, graduation rate, teacher job satisfaction, and parent/community support

01:17:18 Barbara Harvey: Thank you for all of this information.

01:17:20 Gabrielle Bertrand: X2 Elisa!!

01:17:22 Patricia Ishihara: same question for me, Elaine

01:18:10 MARY MURTHA: was complex instruction imbedded in the curriculum or outside it as a support?

01:18:18 Maria Zavala: @Elaine, if they don't get to it in the presentation, put a question in the Q&A

01:18:33 Chonda Long: Reminder that the certificate will be emailed to the email address you used to register tomorrow about 7:00 p.m. ET

01:18:37 Rachel White: Thank you for this presentation.

01:18:54 Leslie Texas: Thank you so much for this presentation!

01:18:57 Michelle Kivett: Yes ma'am!

01:19:00 Carly Jardinier: Thank you for the presentation :)

01:19:00 Beth Kobett: Spectacular presentations! Thank you so much!

01:19:01 David Barnes: Truth.

01:19:03 Rachel Hauser: Contributed: with tracking

01:19:10 Cindy Vaquero: thank you!

01:19:12 Velma Guidry: tiering

01:19:16 Maria Zavala: Time with children, to be trusted with children, is such a privilege! Thank you, Cathery.

01:19:18 Kathleen Cullen: Thank you!

01:19:19 Yulonda Terry: This has been great!

01:19:20 Alison Pepero: Tiers

01:19:21 Carol Matsumoto: Thank you everyone.

01:19:21 Diane Anderson: thank you for a great presentation!

01:19:21 Elisa Waingort: Great presentation. Thank you!

01:19:25 Paula Wells: Wonderful presentation!

01:19:26 Michelle Silvia: Thank you

01:19:27 Denise Quarles: Thank you. I look forward to going back and watching this again.

01:19:32 Barbara Harvey: I loved this presentation.

01:19:34 Rachel Hauser: Disrupted: no standardized testing pressures

01:19:34 Susanne Villagracia: My school/District does a lot of PD's weekly

01:19:39 Michelle Kivett: Thank you for this presentation!!!

01:19:39 Sandra Sarhal: Thank you

01:19:48 Elizabeth Sasse: Thank you. And thank you to the ASL interpreter. Nice work.

01:19:49 Kristin Albaugh: We cannot continue to educate our students with the same mindset..

01:19:53 Michelle Kivett: It really does take a village.

01:19:53 Faith Peddie: This was a great presentation, thank you everyone!

01:19:55 Amiynah Haile: Thanks

01:19:56 Corey Drake: Thank you all! Appreciate the ending reflection questions - so important.

01:19:56 Michelle Silvia: this is interesting and worth looking into more

01:19:56 Sharon Black-MacKinnon: Thank you for sharing

01:19:56 Kristin Albaugh: Change is scary and exciting

01:19:59 Elisa Waingort: Great quote on this slide.

01:20:00 Katherine Hindman: standardized testing pressures and ability grouping are barriers

01:20:01 Kristen Floyd: I think my school needs to promote special educators as co-teachers not just another rotation for kids.

01:20:03 Elaine Lee: This was a topic of discussion in our recent state level conversation about the use of interim assessments taken remotely for determining student course placement in the following school year. I saw this as a very important equity issue that needed to be discussed.

01:20:05 Delise Andrews: Thank you so much for such a thought-provoking session!

01:20:08 Cindy Bryant: This has been a great presentation. Thank you all for everything you're doing to leverage the potential of ALL students.

01:20:09 Alyse Olivieri: Thank you. Though provokig

01:20:11 Christa Ribera: Thank you for sharing your knowledge and expertise

01:20:14 Kristin Albaugh: Thank you for your presentation

01:20:14 Beth Kobett: We must be collective! AMAZING!

01:20:14 Gabrielle Bertrand: Thank you for continuing this movement—it is nice not to be alone!!!!

01:20:15 Susanne Villagracia: Thank you Thank you thank you

01:20:19 Brandon Daniel: Labeling is what they do; we need to bust labels by positioning students as competent; showcasing them

01:20:20 Chonda Long: Reminder that the certificate will be emailed to the email address that was used for registration tomorrow at about 7:00 p.m. ET

01:20:24 Kristen MacDougall: Thank you!

01:20:32 Denise Walston: Thank you!

01:20:35 Katherine Hindman: Thank you for advocating for all students!

01:20:37 Imani Goffney: I like the Smarter Together book for Elementary Book

01:20:38 Adrienne McPherson: thank you

01:20:39 Debra Carter: Great information- thank you

01:20:40 Branch: Thank you for this presentation!

01:20:43 Mary Anne Opila: Thank you!

01:20:44 Shelly Jones: Who in school districts would usually start the work of detracking math?

01:20:48 Yelena Berdichevsky: Thank you

01:20:50 Michelle Kivett: Will the certificate have our name on it?

01:20:52 Alison Pepero: Awesome presentation! Thank you so much!

01:20:53 Myeesha Jones: Thank you

01:20:59 Imani Goffney: Smarter Together is a book about using complex instruction for elementary classrooms

01:21:06 Said Chatir: Very informative, Thank you!

01:21:11 Kristen Floyd: How does detracking work with RTI programs?

01:21:12 Kathy Wanamaker: This was very "mind opening." Thank you!

01:21:15 Mirasol Laberinto: Thank you for the informative information our District is distributing learning packets in math and we are meeting our students at zoom and guide our students with their learning packets

01:21:27 Monica Roland: Thank you so much for this presentation! Definitely need to continue these types of discussions.

01:21:31 Medria Hall: MY DISTRICT HAS BEEN PRESENTING BEGINNING OF THE YEAR PD AROUND EQUITY FOR ALL OF OUR STUDENTS

01:21:34 Sharon Ling: Thank you for this presentation!

01:21:38 DeAnn Huinker: Smarter Together:
<https://www.nctm.org/store/Products/Smarter-Together!-Collaboration-and-Equity-in-the-Elementary-Math-Classroom/>

01:21:41 Sharon Laahs: Such a fantastic presentation. Thank you!!

01:21:43 Nicole Dollar: I don't think children should be limited in learning math to how quickly they learn the new concepts. Math classes today only focus on the speed the new concepts are picked up. Very sad! Children are not math failures because they are not ready for Alg in 8th grade. It sends a message to kids that you already are not good enough!!

01:21:49 Andrea Rochman: thank you

01:22:04 Trena Wilkerson: Amazing session! Thank you for the focused and applicable work for all to consider. We have much to think about and to do to reach each and every student.

01:22:04 Dawn Schulte: Thanks.

01:22:14 Marilu Deal: Thank you! So much to think about.

01:22:20 Melanie Pace: we do vertical alignment on pd days so every math teacher can see where students start and end. that way we can help students improve and build on the concepts they have already comprehended.

01:22:22 Patricia Ishihara: How do you measure mathematical identities?

01:22:25 Chonda Long: Reminder that the certificate will be emailed to the email address that was used for registration tomorrow at about 7:00 p.m. ET

01:22:25 Kristin Albaugh: thank you for your honesty and authenticity

01:22:28 Elaine Lee: Are the measures that you are using for your math scores focused on the same problem-solving

01:22:31 Lynne Godfrey: Thank you for this session. I appreciated the work across grade levels with a focus on seeing students and listening to their thinking.

01:22:32 Maria Zavala: Make Watanabe has a good book on group work too:
<https://www.tcpress.com/heterogenius-classrooms-9780807752463>

01:22:35 Nora Chase: Chonda, will the certificate link for Tuesday and Wednesday be emailed too?

01:22:38 Aya Zvaigzne: Even some of the best students, refuse to take the tests, and bubble in christmas trees

01:22:40 Cecilia Lopez: This works. SF does the same

01:22:56 Maria Zavala: *Maika Watanabe, not Make. Autocorrect.

01:23:03 Emily Kavanagh: This was a very useful session

01:23:04 Adrienne McPherson: love that question I am also an teacher with autism

01:23:21 Lara Metcalf: Great question.. so important to listen to educators with disabilities

01:23:32 Teri Marx: Let's start a professional community of practice for educators with disabilities!

01:23:40 Gabrielle Bertrand: TRUE! There really should not be special education

01:23:42 Michelle Kivett: I am an Autism Life Skills teacher as well.

01:23:50 Cindy Bryant: collaboration = better together

01:24:00 Naomi Church: It's UDL - Essential for some, but useful for all!

01:24:17 Christine Casiere: Thank you for all of this wonderful information.

01:24:31 Gabrielle Bertrand: I feel like it's the other way around –sped teachers are not as strong in math and are reluctant to let “their” kids come into the gen class...:(

01:24:32 Maria Zavala: Thank you, Melissa Brennan. There's misunderstanding all around of what teachers are doing with children.

01:24:34 Khaalia Taylor: Thank you. I really appreciated seeing and hearing the real work and thinking of students.

01:24:36 Susan Gemmati: Yes, would love to hear more!

01:24:37 Antoinette Nista: Thank you for sharing!

01:24:42 Beth Kobett: Fabulous points!

01:24:43 Kim Ellis: Thank you so much

01:24:44 Janice Holland: The best co-teaching is when an observer cannot tell which teacher is regular ed and which is special ed

01:24:45 Elaine Lee: Virtual co-teaching spaces!

01:24:46 Janine Ganapin: Thank you so much!

01:24:47 Patricia Ishihara: Thank you, all!

01:24:47 Daniel Irving: Thank you very much!

01:24:48 Amy Frierson: Thank you

01:24:49 Melanie Pace: we do inclusion in our district.

01:24:50 Imani Goffney: Yes, thank you NCTM and thank you so much to Melissa, Cathery and the Brians.

01:24:50 Angela Dandridge: Thank you!

01:24:51 Noreen Pirog: Thank you so much!

01:24:52 Mellanie Braga: Thank you for sharing. This has been very insightful

01:24:52 Ashley Cusick: Thank you so much!

01:24:52 Susan Gemmati: Thank you!

01:24:52 Vittorio Ciummo: Thank you very much!

01:24:53 Renee Catalano: Thank you!

01:24:55 Jennifer Hagman: agree. this has been amazing

01:24:56 Leslie Texas: Thank you!

01:24:57 Kristin Albaugh: Teachers voices need to be validated!

01:24:58 Alison Pepero: Thank you!

01:25:00 Terri Davis: Thanks so much!

01:25:00 Frederique Yova: thank you !

01:25:01 Abby Roza: Excellent. Thank you very much.

01:25:02 Cecilia Lopez: Thank you

01:25:03 Teri Marx: NCTM historically hasn't accepted sessions that address how to support students with disabilities (including MTSS as a structure). Something they should really consider.

01:25:03 Bina Kachwalla: Thank you all

01:25:03 Judith Griscom: Thank you!

01:25:04 Steven Greenstein: Thank you so much for this! I <3 you all.

01:25:04 Shelly Jones: Thank you

01:25:07 Deanna Richardson: Thank you!

01:25:07 paloma carrera: thank you

01:25:08 Melynee Naegele: Thank you for this amazing session!

01:25:11 Rita Shamrock: Thank you

01:25:11 Nadia Messadi: Thank you!

01:25:11 Aya Zvaigzne: Thank you, may everyone here be well.

01:25:12 Olga Kosheleva: Thank you.

01:25:13 Nora Chase: Thank you for being so inspiring!
01:25:13 Barbara Harvey: Thank you as well
01:25:14 Pam Cadena: Thank you!
01:25:14 Lisa Giugliano: Thank you!
01:25:17 Melanie Myers: Thank you!
01:25:19 Ashley Jones: thank you
01:25:19 Kay Wohlhuter: Thank you.
01:25:20 Tracey Sweeney: Thank you!
01:25:20 Yulonda Terry: Thank you!
01:25:20 Lori Krebs: Thank you!!!!
01:25:22 Luzviminda Bayarong: Thank You
01:25:24 Aya Zvaigzne: no twitter, no facebook
01:25:29 Joyce Meier: Thanks!
01:25:32 Debra Carter: I am a general education teacher. My school allows special education and regular education teachers to work closely together and the students definitely benefit.
01:25:33 Dawn Smith: a great session! Thank you everyone!
01:25:33 Christina Lincoln-Moore: Thank you!
01:25:38 Lara Metcalf: Will that be accessible as well?
01:25:39 Kristin Messenger: Thanks for sharing!
01:25:43 Stephanie Bell: awesome I f
01:25:54 Melissa Soto: Thank you so much! Shout out to Lena!
01:25:54 Robert Kaufmann: Thank you!
01:25:55 Stephanie Bell: awesome information!
01:25:59 Ann Marie Nee: Thank you!
01:26:01 Brandon Daniel: Thank you!!!
01:26:15 Amiynah Haile: Students love to learn from each other, when we separate them we stifle their ability to grow.
01:26:22 Jeanetta Glass: You also get discounts on purchases! I purchased 3 books!
01:26:22 Hong Pun: great session thank you!
01:26:23 Mary Bridget Burns: Thank you everyone.
01:26:29 Josie Ramos-Leyva: Yes we need a session on coteaching.
01:26:40 Trena Wilkerson: Check out the free resources at www.nctm.org/freeresources !
01:26:47 Claudia Phelps Wade: Thank you
01:26:53 Branch: Thank you!
01:26:55 Lorie Huff: Thank you Crista, Cathery, Bryan, Lena, Melissa, Brian, Chonda, Dave, and NCTM! Great session! Also, Thank you Emilia. Prayers are with you and your family!
01:26:56 Lori Krebs: Agree Joise Ramos!!!
01:26:56 Kayla Duncan: Agreed! A session on co-teaching would be amazing!
01:27:02 Jose Vilson: Let's do it.
01:27:02 Kayla Duncan: Thank you!!
01:27:03 Tanya Landry: Thank you!
01:27:03 Josie Ramos-Leyva: This session was more research and needed more tips on how to better serve all students.
01:27:07 DeAnn Huinker: Thank you!!! Great session.
01:27:08 Tabitha Shearer: Thank you very much :)
01:27:09 Beth Loosbrock: Thank you!

01:27:13 Merrellyn Banks: Thank you
01:27:14 Kathleen Cullen: Thanks so much for this presentation!
01:27:16 Aya Zvaigzne: Thank you for such an incredible seminar.
01:27:17 Imani Goffney: Thank you Lena!!!!
01:27:18 Elizabeth Lucas: Thank You!
01:27:20 Staci Erickson: Thank you!
01:27:21 Tamika Witherspoon: Thank you all!!!
01:27:24 Diosa Doane: Thank you all
01:27:26 Katherine Garcia: Thank you!
01:27:28 Garbriella McEachern: yes, a co-teaching session
01:27:29 Emily Kavanagh: Thanks
01:27:31 Janice Novakowski: Thank you!
01:27:33 Medria Hall: BE WELL EVERYONE
01:27:33 Maria Zavala: Thank you Lena!! Let's bring Lena back!
01:28:14 Mark Phipps: Silver lining is you see everyone this way
01:28:16 Nyla Moore-McCreary: Thank you! Very Informative!
01:28:22 Nadia Messadi: I wouldn't have been able to attend
01:28:27 Nyla Moore-McCreary: Nyla Moore-McCreary, Tacoma, WA