

00:19:11 Jorge Veloso: Hi from Angola.  
00:19:14 mike murphy: Hi. Pa, USA  
00:19:19 Jennifer Phipps: Hi from KY  
00:19:20 Emily Kavanagh: Hi from Columbia, MD  
00:19:20 John Simons: Hi from Milwaukee  
00:19:22 Jaclyn Murray: Hi from Atlanta, GA  
00:19:24 Caroline Brown: Hi from Wilmington, NC  
00:19:24 Shauna Brown: Hi from Brooklyn NY  
00:19:25 Vanessa Stokes: Hello from Chicago!  
00:19:29 Kay Wohlhuter: Hi from Duluth, MN  
00:19:29 Katherine Rossignuolo: Hi, Kate from PA  
00:19:29 Sandy Silverman: Hi, from Hillsborough, NC  
00:19:30 paloma carrera: hi from El Paso, Tx  
00:19:37 Danielle Mooney: Hi from Bridgewater, MA  
00:19:38 Lisa Owens: Hi from Cincinnati, Ohio  
00:19:38 Michael Lanstrum: Hello from Cleveland, Ohio  
00:19:39 Esther Winikoff: hello from Pittsburgh!  
00:19:39 Rebecca Flora: Greetings from Bellevue, WA  
00:19:40 Tanya Landry: HI from Baton Rouge!  
00:19:40 Karoulin Aljoris: hi Mi  
00:19:41 Gabrielle Bertrand: Gabrielle from Kittery, Maine  
00:19:42 JUDY DUNMIRE: Hi from El Dorado, Arkansas  
00:19:43 Kathy Rubendall: Hello from NYC  
00:19:43 Roberto Marquez: Hello from Los Angeles CA  
00:19:43 Karoulin Aljoris: hello  
00:19:44 Amy Tucker: Hello from Wayne, Maine  
00:19:45 Ron Napper: Hello from Murfreesboro, TN  
00:19:45 Clarissa Rothe: Hello from San Bruno CA  
00:19:45 Stephanie Wilson: Hello from Houston, TX  
00:19:46 Katherine Page: Hi from Richmond Virginia!!!  
00:19:48 Catherine Bronikowski: Hello from Milwaukee, WI  
00:19:48 Carman Ryken: Hello from Tucson  
00:19:48 Shashidhar Belbase: Hello from Al Ain, United Arab Emirates !  
00:19:49 Necole Atkins-Dowd: Hi from Las Vegas, NV  
00:19:49 Hannah Rooney: Hello from Worcester, MA!  
00:19:49 Vicki Roman: Hi from Worcester, MA!  
00:19:49 Arnold John Bulanadi: Hello. Arnold from Jacksonville, Florida

USPH

00:19:50 Cruz Flores Vazquez: Hello from West New York, NJ!!  
00:19:51 Joyce Meier: Hello from Illinois!  
00:19:52 Sabrina Garza: Hi from Carrollton, Texas  
00:19:53 David Drembus: Hello from Alexandria, Virginia!  
00:19:54 Linda Baker: Hi from Greenwood Indiana!  
00:19:54 Chad Hale: hi from ohio  
00:19:57 Carley Pflieger: Hi from IL!  
00:19:58 Ariana Flores: Phoenix, AZ  
00:19:59 Mackenzie Soliday: Hello from Bloomington, Illinois!  
00:20:01 Skip Fennell: Hi from Westminster, MD  
00:20:02 Karli Floyd: Hi from the Dominican Republic!  
00:20:03 Karen Reodica: Hi From Chicago, Illinois!

00:20:08 Angelica Johnson: Hi from Memphis, TN  
00:20:09 Megan Day: Maryland  
00:20:10 Reetu Sahni: Hello from Queens NY  
00:20:10 agrimes: Hello from Philadelphia, PA!  
00:20:11 Susan Danskin: Hi from Ithaca NY  
00:20:13 Linda Rodriguez: Yuma, Arizona  
00:20:13 Tessie Menta: Hello from Stockton, California!  
00:20:15 Christina Hall: Hi from Yuma, AZ!  
00:20:15 Nicole Malmgren: Hello from Seattle, WA!!  
00:20:15 Allison Silvaggio: Hello from Highlands Ranch, Colorado  
00:20:16 Kerri Rohrer: Sunny Florida :)  
00:20:16 Pamela Goodwin: Hello from NJ  
00:20:17 Dannielle Andrew: Hi from Powder Springs, Ga  
00:20:17 Reagan: Hi from Charleston, South Carolina!  
00:20:18 Tim Bobay: Greetings from Raleigh, NC  
00:20:19 Jess Butcher: Hi from Ontario, Canada!  
00:20:20 Kim Mann: Kim from Kansas City  
00:20:21 W Gary Martin: Hi from Auburn, Alabama  
00:20:22 Shay Belair: Hi from Connecticut  
00:20:22 Danielle Grenader: Hi from Wheeling, IL!  
00:20:23 Melissa Luzano: Hafa Adai! Representing Guam and Cali  
00:20:23 Edye Christopher: Hello from Tennessee!  
00:20:25 Nora Ramirez: Hi, from Tempe, AZ.  
00:20:25 Kimberly Brown: Hi from 99 degree temp in NW Arkansas  
00:20:25 Dagan Bernstein: Aloha from Kamuela, HI  
00:20:25 Nell Thurlow: Hello from Lafayette LA  
00:20:26 Christine Tabor: Hi from Loveland, Colorado  
00:20:26 Josephine Cazares-Adams: Hello from Lexington Park, MD  
00:20:27 Sharon Black-MacKinnon: Good evening from New Brunswick Canada  
00:20:27 Darrius Robinson: Hi from Ann Arbor, Michigan  
00:20:28 ANALINE BAUTISTA: from the Philippines here  
00:20:28 Rolando II Delos Reyes: Good morning from Manila Philippines! PHPHPH  
00:20:29 Lesly Brown: Lesly Brown from Knoxville, Tennessee  
00:20:29 Kara Nagle: Honolulu  
00:20:31 Sheila Kirton-Robbins: Hi there from Nashville, NC  
00:20:31 Dian Kurniawan: Morning, from Indonesia  
00:20:32 Donna Bernens-Kinthead: Hi Bloomington, IN  
00:20:33 Rebekah Maranzano: Hi from Gales Ferry CT  
00:20:34 Justin Klinger: Hello to all, From me in Romeoville IL  
00:20:35 Sharon Laahs: Hi from Scottsdale, AZ!  
00:20:35 Beth Kobett: Hello Everyone from Eldersburg, MD  
00:20:36 Kathleen Masticola: Hello from Chicago  
00:20:36 Noe Eugenio: Hi from Philippines!  
00:20:36 Jaidin Tonneson: Hi from Fort Montgomery. NY!  
00:20:37 Tisha Jones: Hello from Norfolk Virginia  
00:20:45 Abdul Razak, Dr: Hi From Malaysia  
00:20:46 Jennifer Alsen: Beverly, MA  
00:20:50 W Tad Johnston: Hi from DC!  
00:20:50 Arlene Bachinela: Hello from Baltimore, MD  
00:20:57 Erica Krick: Gilbert, Arizona

00:20:58 Genecis Suarez Gaona: Canoga Park, California  
00:20:58 Michelle Cirillo: Hello from the border of DE and PA!  
00:21:01 Janet Hollister: Santa Barbara CA  
00:21:02 Trena Wilkerson: Hello from Waco, TX!  
00:21:07 Rachell Scott: Hello from Maryland  
00:21:09 Jordan Skinner: Orlando, Florida  
00:21:10 Fran Huntoon: Hello from Vermont!  
00:21:10 Leslie Sorace: Hi from AZ!  
00:21:13 Robin Koller: Indiana  
00:21:15 Shashidhar Belbase: United Arab Emirates  
00:21:16 Gail Dean: Gail Dean Minnesota  
00:21:17 Jet Yeung: Hello Everyone --Jet from Henderson, Nevada  
00:21:21 Kate Reardon: Hatboro, PA  
00:21:21 Diane Anderson: Hi...from Massachusetts  
00:21:24 Kelly Sotsky: Framingham MA  
00:21:25 amanda Helgerson: Hello from Mass!  
00:21:30 Laxman Nepal: California, LA  
00:21:31 Daniel Irving: Hello from North Providence, RI!  
00:21:41 Rosalyn Bantay: Hello from Philippines  
00:21:43 Kathlan Latimer: Hi from Northern California  
00:21:57 Philip Mojares: Hello from Somerton, Arizona  
00:21:58 Dave Hankin: Hello again from Globe, Arizona!  
00:22:03 Angelita Beltran: Hello from Waukegan, IL  
00:22:04 Denise Juern: Hello from Waukegan, IL  
00:22:18 Susan Hanson: Hello from Albert Lea, MN.  
00:22:25 Stephenia Courtney: Hello from Las Vegas, NV  
00:22:31 W Tad Johnston: neighbors from Waukegan?  
00:22:37 Cindy Bryant: Hello from Springfield, MO. Thank you for joining  
tonight.  
00:22:40 Megan Riley: Hi  
00:22:40 Ronald Lubatti: Lebanon, Maine  
00:22:45 Bobby Flores: Hi there from Houston, TX.  
00:22:48 Archita Vaghasiya: Hello from Boston, MA  
00:22:57 Fardowsa Mahdi: Hello from Flower Mound, TX  
00:22:58 Gabrielle Bertrand: Hey Maine!!  
00:23:00 Erika Hassay: hello from Austin!  
00:23:02 JANICE OLIVERA: hello! watching from KSA  
00:23:04 Carrie Gerber: Hello from MN  
00:23:07 Koyuki Fritchman: Hello from Bremerton Washington  
00:23:08 Brea Ratliff: Hi from Auburn, AL  
00:23:10 HILARY OMOKAFFE: Muscat ,Oman  
00:23:12 Grace Vaught-Smith: Hello from Rifle, CO  
00:23:12 Merci Del Rosario: hello from Merci Del Rosario from California  
00:23:20 Stephanie Byrd: Good Evening, from GA  
00:24:04 Dr. Yankey: GA  
00:24:32 Ellen Metzger: Hello from Lincoln MA  
00:24:44 Heather Politi: Hi from Lafayette CO  
00:24:51 Cindy Bryant: Love Lesson of Grace!  
00:25:26 Mohamed Jamaludeen Thirapusa Mohaideen: Greetings from Mohamed , CT.  
00:25:33 Zorica Lloyd: Hi from Chicago. And Rosalyn Bantay, I'm moving to

the Philippines for next school year, in a couple of months!

00:25:39 Veronica Kwok: hello from queens, nyc

00:25:52 SAPNA SHARMA: HELLO EVERYONE

00:26:07 Melissa Gilbert: Greetings from California

00:26:08 Lisa Ashe: Lisa Ashe, NC

00:26:17 Shashidhar Belbase: Very interesting and contextual issue,  
Marilyn ! Thank you for brining this to us.

00:26:39 Dave Hankin: President Obama -- A class individual!

00:26:40 David Barnes: Hi All! Please change your Chat so it sends to  
EVERYONE or to ALL PANELISTS AND ATTENDEES.

Thanks!

00:26:40 Kendra Cole: Hi! Kendra from Atlanta,GA

00:26:59 Roberta Ludwigsen-Hill: Hi from Alabama!

00:27:10 Olivia Johnson: Hi from Boston!

00:27:31 RAUL ARABE JR.: hi from the Philippines

00:27:38 Shauna Brown: That's a scary thought

00:28:06 Mary France Imperial: Hi, from Manila Philippines

00:28:39 Phillippe Galicinao: Aloha! Phil from Honolulu, HI

00:29:32 Carolina Vix: Hello from Pittsboro, North Carolina

00:30:09 Phillip Dysart: I am terribly sorry, but this is awful.

00:30:23 Phillip Dysart: You need to keep the politics out of these

00:30:30 Michelle Cirillo: Gives me hope for the next generation - love  
the activism!

00:30:33 Dave Hankin: Why Phillip?

00:30:36 Debbie Grady: So much on our children....

00:30:38 Cruz Flores Vazquez: The title says SOCIAL CHANGE

00:30:39 Melissa Luzano: I think you're in the wrong webinar, buddy.

00:30:43 Cruz Flores Vazquez: what was expected?

00:30:57 Maryanna Biedermann: Hello from Massachusetts! Maryanna-I am a  
6th grade math teacher.

00:31:12 W Tad Johnston: Wait to see what happens after this important  
setting of context

00:31:14 Gabrielle Bertrand: Amen Malala

00:31:15 Denise Walston: Hi from Chesapeake, Va

00:31:17 Jennifer Knudsen: education is political

00:31:21 Dave Hankin: It's just what has actually happned, not fake news.

00:31:24 Shashidhar Belbase: Students as change agents !

00:31:31 Maryanna Biedermann: Phillip, please stay!

00:31:39 Flora Wright: Hi from Maryland

00:31:47 Denise Walston: Education is definitely political

00:32:06 Nell Thurlow: Agree Denise and Jennifer

00:32:07 Gabrielle Bertrand: It's def hard to be neutral in the  
classroom!!

00:32:15 Beth Kobett: Yes @Denise!

00:32:24 Brea Ratliff: Denise, I agree

00:32:24 Kate Smallberg: Yes, Phillip, please stay and keep an open mind

00:33:03 Melissa Luzano: Being able to remove politics from your life is a  
privilege.

00:33:18 Robin Koller: People do need to know that some teachers are  
republican and care about all students too

00:33:24 W Gary Martin: @Melissa – WHOA  
00:33:28 W Gary Martin: Deep!  
00:33:30 Sheila Kirton-Robbins: Let's be open to what our presenters is sharing, just like we do in the classroom when students have different opinions. Philip, please stay, so we can learn together.  
00:33:44 Rolando II Delos Reyes: #AllLivesMatters from conception to natural death :)  
00:33:45 Gabrielle Bertrand: Yes which is why the classroom sis not about US but about listening and facilitating kids' discovery and understanding  
00:33:56 Dave Hankin: Your political leaning doesn't matter....just don't deny what has been happening in this country.  
00:34:04 Rachel Hoffman: 🤝mathematics as an equalizer  
00:34:13 Faith Peddie: Jennifer, do you have a specific question?  
00:34:29 Ellen Metzger: I love that meme.  
00:34:38 Emily Kavanagh: All students should be welcomed to learn  
00:34:42 Melissa Gilbert: Our schools are designed to advantage certain students. We need to start by acknowledging that.  
00:34:59 Rachell Scott: That meme is powerful.  
00:35:10 W Tad Johnston: I'm not sure about liberation view - where is the productive struggle?  
00:35:28 W Gary Martin: Free to engage in the struggle!  
00:35:57 Danielle Mooney: W Tad Johnston, that fence wasn't math struggle, it was systemic struggle.  
00:35:59 Stephenia Courtney: Sometimes the truth hurts!  
00:36:14 De Zhang: I like sample lesson!!  
00:36:29 W Gary Martin: That was a powerful session across all the grades!  
00:36:30 FLORENCE MAE DELA CRUZ: It's really good  
00:36:42 Donald Wahlers: Liberating is removing the barriers and their source so that all students can productively struggle instead of struggle  
00:36:48 Jill Weiss: Thank you from Chicago  
00:37:13 W Tad Johnston: I@Dav, thanks, makes me feel better about it  
00:37:21 Maryanna Biedermann: I am wondering if the productive struggle is that each is allowed to engage as opposed to not being able to fully participate.  
00:37:34 W Gary Martin: @Maryanna – agree!  
00:37:38 Debbie Grady: Great way to connect mathematics to what's happening today!  
00:37:45 Gabrielle Bertrand: This is a great graph!!  
00:37:46 Cindy Bryant: Please change your chat setting to "All panelist and attendees" so that everyone can see your posts.  
00:37:53 Beth Kobett: @Maryanna! WOW!  
00:38:20 Shauna Brown: Functions  
00:38:29 Karli Floyd: Exponential growth  
00:38:30 Kim Mann: Exponents and the spread of the virus.  
00:38:31 Ana Guerrero: Exponential growth  
00:38:32 Reetu Sahni: Disproportions of data from certain communities based on race  
00:38:33 Gabrielle Bertrand: I would love to see data from our school around internet vs no internet and use for Land W  
00:38:34 Emily Kavanagh: Graphing the amount of Covid cases per state  
00:38:34 Debbie Grady: I'd ask students to describe the "flattening of the

curve".

00:38:34 Zorica Lloyd: Plenty with proportion for MS students.

00:38:35 Rachel Hoffman: how to make sure that each demographic group is represented accurately

00:38:36 Shashidhar Belbase: Access of high quality mathematics to students through online/distance learning as a challenge.

00:38:37 Grace Vaught-Smith: Labeling scale - there was a graph released where the dates were out of order

00:38:40 Lindsey LaFleur: The meaning behind the phrase 'exponential growth' and what that looks like in a graph

00:38:40 Hannah Rooney: Look at the data in relation to the demographics

00:38:41 Emily McGrady: What is flattening the curve

00:38:43 Rolando II Delos Reyes: #AllLivesMatters From conception to natural death

00:38:43 Cruz Flores Vazquez: Definitely even to smaller grades, line graphs and how the change was dramatic over

00:38:44 Caroline Brown: Disproportionality

00:38:44 Rebecca Mitchell: percent...sampling error

00:38:44 Shauna Brown: Probability

00:38:44 Ernie Toth: graphing

00:38:45 Stephenia Courtney: math outside the classroom

00:38:45 David Drembus: Histograms vs. bar graphs

00:38:46 Laura Cranmer: statistical comparison to black plague

00:38:53 Nell Thurlow: graphing and ratios re. demographics

00:38:53 Amy Baniewicz: Maximum value, when it can be expected to turn around, predicting future values

00:38:54 Dave Hankin: The real need for online resources to be available for as many students as possible.

00:38:54 Cruz Flores Vazquez: exponential growth for higher grade

00:38:55 Sarah Lee: Statistics - how news may be misleading on how they show statistics

00:38:55 Jennifer Knudsen: compare rates of infection hospitalization and death across demographics

00:38:56 Reetu Sahni: misleading graphs shown in media

00:38:59 Linda Baker: percent of population

00:39:00 Roberta Ludwigsen-Hill: Statistics comparing infection rates and access to health care

00:39:01 Melissa Gilbert: Analyzing statistics, data analysis; representative samples

00:39:02 Ellen Metzger: Explore the percentage of the population in different regions that have been diagnosed with COVID 19 Rural versus urban.. race related data

00:39:02 Rolando II Delos Reyes: How abortions are affecting a lot of minority races

00:39:03 Hannah Rooney: Looking at how the different businesses re-opened and the data

00:39:03 Gail Dean: explore where COVID occurs and why in those areas

00:39:03 W Gary Martin: Mask wearing

00:39:04 Susan Danskin: How can you lie with statistics?

00:39:06 Laxman Nepal: Statistics, and variations

00:39:07 Catherine Bronikowski: what is good data?  
00:39:12 Kendra Cole: Qualitative graphs- social justice series  
00:39:12 Robin Koller: comparing urban versus rural communities  
00:39:13 Rachell Scott: System of Equations  
00:39:13 Fran Huntoon: Hospitalizations rates  
00:39:13 Sheila Kirton-Robbins: I did statistics and probability. As other states and nations experienced COVID-19, we talked about how probability is used to make inferences for other states.  
00:39:14 Cruz Flores Vazquez: I think the issues that can be discussed can be how the budget was set for PPE  
00:39:19 Daniel Sanchez: There are so many data visuals associated with C-19. Plenty of opportunities to help students develop interpretation skills and engage in data driven dialogue.  
00:39:19 Mike Shaughnessy: Love all the chat entries on data!  
00:39:23 Gabrielle Bertrand: Covid recovery across economic levels  
00:39:24 Maryanna Biedermann: As a sixth grade math teacher, I am wondering about if there could be some lessons around how to lie with stats -I love that book  
00:39:27 W Gary Martin: @Cruz – nice idea!!  
00:39:28 Dave Hankin: Susan ---Good point..  
00:39:29 Diane Anderson: wearing mask  
00:39:34 Laura Hope: statistics, ratios, proportions, discuss what factors would contribute to the differences in the number of COVID cases between ethnic groups  
00:39:44 Mary France Imperial: graph, statistics, percentage  
00:39:47 W Gary Martin: @Laura, nice!  
00:40:00 Denise Walston: comparing testing globally using statistics; population and testing per 1000  
00:40:13 LaWanda Speas: Functions  
00:40:24 W Gary Martin: @Denis – that is a telling analysis!  
00:40:28 W Gary Martin: @Denise  
00:40:29 Denise Walston: Laura- I really like that  
00:40:59 Beth Kobett: LOVE THIS BOOK!  
00:41:02 Sharon Black-MacKinnon: Wonderful book!1  
00:41:16 De Zhang: My EL students would love the multicultural literature but need scaffolding to understand the word problems.  
00:41:26 Robin Koller: nice map  
00:41:31 Damali Pittman: wonderful book  
00:41:45 Brea Ratliff: What a great way to connect the literature to current events!  
00:42:00 Cindy Bryant: Literature is a rich resource to incorporate into mathematics lessons and make connections with.  
00:42:01 Stephenia Courtney: literature and math...LOVE IT!!!  
00:42:08 Cruz Flores Vazquez: and history!  
00:42:24 Cindy Bryant: Good point @Cruz  
00:42:32 Rolando II Delos Reyes: I like this approach to Math  
00:42:33 De Zhang: Could we download the map for classroom use? Is there a link to this map?  
00:42:37 Lesly Brown: Thank you. The book Rosa would be perfect for my class.

00:42:45 W Gary Martin: @Cruz is it allowed to do history in math class???

00:42:51 Rebecca Flora: I am happy to be on Summer break but would love to be teaching this now! Saving for next school year. - Thank you.

00:42:56 Gabrielle Bertrand: There is a great site about math and literature: MathThroughStories.org

00:43:02 Maryanna Biedermann: One of the most interesting videos of protests for me was from Juneau, AK

00:43:20 Maryanna Biedermann: Love that AK and HI are included

00:43:26 W Tad Johnston: Shout out to San Antonio TX where there are Rosa Parks seats on their buses

00:43:30 Cruz Flores Vazquez: Maybe not? Doesn't hurt to integrate! I know when introducing students to expressions & equations (7th grade) I made a small slide show discussing theyre going to explore algebra and history of the subject

00:43:56 Debbie Grady: yes, San Antonio!

00:44:06 Melissa Gilbert: @Cruz, I think @W Gary was joking! Definitely you can do history in Math!!

00:44:25 Cruz Flores Vazquez: Lol woops, I can't detect sarcasm too well

00:44:29 Brea Ratliff: lol

00:44:31 W Gary Martin: Where are my emojis? Definitely grinning when I wrote tht

00:44:38 Cruz Flores Vazquez: lol we need emojis here!

00:44:52 W Gary Martin: We need to beyond artificial silos

00:44:52 Melissa Gilbert: @Cruz, I think that is a drawback of Zoom communication!

00:44:53 Ramona Chandler: loving this!

00:45:00 Rebecca Flora: always assume a positive intent

00:45:02 W Tad Johnston: Be sure to count DC as a state even though we aren't one yet

00:45:03 Debbie Grady: I think it is important to share these problems in diverse classrooms.

00:45:05 Susan Bardenhagen: Boycott can have economics into Math classes- interdisciplinary

00:45:22 Beth Nalker: What percentage of US states activated the national guard?

00:45:39 Gabrielle Bertrand: population vs protests

00:45:40 W Gary Martin: All the companies are making nice statements – but what part of their earnings are actually going to promote change?

00:45:41 Sheila Kirton-Robbins: Econ, Geography, math, history.

00:45:41 Cindy Bryant: Please change your chat setting to |"All panelists and attendees" so that everyone can see your posts.

00:45:48 Fran Huntoon: What was the percentage of states that imposed a curfew?

00:46:07 Rolando II Delos Reyes: What are the percentages of minorities joining the protests?

00:46:13 Gail Dean: Ask students what data to look at and what steps to change for action toward a change they want to see happen.

00:46:14 Amy Baniewicz: Population density, why protests are happening in certain areas (also geography in map-reading skills)

00:46:17 Shashidhar Belbase: Probability of protests and nonprotests.

00:46:17 Lindsey LaFleur: Comparing rates of incarceration



00:46:24 Phillippe Galicinao: Show, using percentages and a table/graph that shows the differences of police violence to different ethnicities in the US. How can you use this to advocate for social change in your community?

00:46:25 Maryanna Biedermann: Love the question about \$\$\$ from companies towards orgs that promote change

00:46:25 W Gary Martin: @Lindsey-good one!

00:46:31 Melissa Gilbert: % of local taxes that go to policing vs. social services.

00:46:44 Jennifer Knudsen: what would a reduction in funds designated to police allow communities to fund?

00:46:58 Jennifer Knudsen: same, Melissa!

00:47:21 Cruz Flores Vazquez: I think we could also consider how the amount of social media use spiked (maybe fell?) since the incident

00:47:23 W Gary Martin: @Jennifer - good one!

00:47:28 Melissa Gilbert: I like how you phrased it @Jennifer!

00:47:32 LaWanda Speas: What percentage of people were of not of color that protested

00:47:40 Zorica Lloyd: @Jennifer Knudsen we're all going to be trying to figure that out soon. Very timely.

00:47:43 Rebecca Flora: plus the guy in NYC who was bird watching

00:48:00 W Gary Martin: @LaWanda, I think that is important

00:48:28 Gabrielle Bertrand: Job application

00:48:29 Rebecca Mitchell: tracking in schools

00:48:33 Necole Atkins-Dowd: home loan

00:48:34 Brea Ratliff: @LaWanda, I think that would be a good one - and to compare those numbers to the number of non-black protesters from the Civil Rights era. I wonder if there is a correlation between the diversity of protesters and how laws are changed

00:48:34 Robin Koller: shopping

00:48:35 Roberta Ludwigsen-Hill: Shopping in stores

00:48:35 W Tad Johnston: followed by security in a store

00:48:37 Cruz Flores Vazquez: Walking in certain neighborhoods

00:48:38 amanda Helgersen: shoppin

00:48:38 Susan Danskin: placement into honors level courses

00:48:39 Gabrielle Bertrand: discipline in schools

00:48:41 amanda Helgersen: shopping

00:48:43 Kate Smallberg: Ability based grouping

00:48:44 Susan Bardenhagen: job applications, renting homes

00:48:46 Linda Baker: housing

00:48:47 Beth Kobett: Ability grouping

00:48:47 Stephenia Courtney: college

00:48:48 Beth Nalker: overidentification in special ed

00:48:49 Brea Ratliff: tracking

00:48:49 Caroline Brown: discipline

00:48:50 Grace Vaught-Smith: Health care

00:48:50 Kendra Cole: voting

00:48:50 Rachel Hoffman: crime

00:48:51 Ana Guerrero: shopping

00:48:51 Sheila Kirton-Robbins: housing

00:48:52 Jeanette Hogan: college applications

00:48:52 Beth Kobett: prison pipeline  
00:48:52 Rebecca Mitchell: SAT  
00:48:53 Mike Shaughnessy: just walking through a neighborhood  
00:48:54 Phillippe Galicinao: Gateway courses  
00:48:56 Gabrielle Bertrand: incarceration  
00:48:56 Phillippe Galicinao: teachers  
00:48:57 Roberta Ludwigsen-Hill: Identified for special ed  
00:48:57 Diane Anderson: housing  
00:48:58 Laura Hope: renting house/ apartments/ interracial marriage  
00:49:03 Sharon Black-MacKinnon: equity  
00:49:05 Jeanette Hogan: placements  
00:49:07 Stephenia Courtney: jobs  
00:49:07 Reetu Sahni: School ratings vs communities  
00:49:08 Denise Walston: discipline in schools, AP, gifted courses  
00:49:08 Grace Vaught-Smith: Pain tolerance/health care  
00:49:13 Kerri Rohrer: writing checks  
00:49:16 W Tad Johnston: not getting a break when you break the law  
00:49:16 Necole Atkins-Dowd: school supplies  
00:49:18 Laxman Nepal: shopping  
00:49:19 Rachel Hoffman: snap snap  
00:49:22 Stephenia Courtney: economic opportunities  
00:49:50 LaWanda Speas: Medical attention  
00:50:10 Gail Dean: A 13 year old black child was handcuffed by police in DC when he was not part of the instigators. Sadly, he later died as a target of gang violence.  
00:50:11 Melissa Gilbert: @LaWanda, very important point!  
00:50:16 Linda Rodriguez: what percentage of the population is Latinx  
00:50:41 Debbie Grady: Having students justify their answers/outcomes based on data.  
00:50:47 W Gary Martin: 1,000,000 drivers, I think 14,000 Latinx?  
00:50:57 Jennifer Knudsen: maternal and natal morbidity rates.  
00:51:08 Rebecca Mitchell: I've found some good lessons like these on Mathalicious  
00:51:13 Carman Ryken: kids using real data to understand and support social justice  
00:51:45 Gabrielle Bertrand: Neutral is key  
00:51:45 Shashidhar Belbase: Yes, probability would be a good idea to introduce with context.  
00:52:13 Gail Dean: A college student who tried to defend the thirteen year old boy who was cuffed, was arrested but later cleared of charges. So heart breaking that a thirteen year old has to see life this way.  
00:52:35 Zorica Lloyd: The power of assignments like this is that it gives numbers. We are able to see that what some feel are overly emotional responses or beliefs are actually provable by data.  
00:53:09 Zorica Lloyd: It also leads to the question of what next. Now that we have the data and can draw conclusions what do we do.  
00:53:20 W Gary Martin: @Zorica, well put  
00:53:20 Melissa Luzano: Yes! @Zorica  
00:53:26 Beth Kobett: @Zorica - Agreed - Data is so powerful!  
00:53:34 Shashidhar Belbase: These kinds of contextual problems may

increase students' ownership of learning and activities they participate, I think.

00:53:39 Ellen Metzger: Just found this site, based on Marilyn's mention of Gutstein's work  
<https://rethinkingschools.org/articles/whose-community-is-this-mathematics-of-neighborhood-displacement>

00:53:41 Teresa Lara-Meloy: Q. Some systemic racist systems, like, algorithms for determining redicitivism, are used as DATA ... but the issue is that the assumptions are wrong ... how do we address with students?

00:53:44 Fran Huntoon: Sometimes that is similar to schools - we collect data but don't always use it to make equitable decisions

00:53:44 Patti Gawronski: We also need to teach student how to determine if the data source is reliable.

00:53:50 Rebecca Mitchell: Cathy O'Neil has a great chapter on Justice in the age of big data (what is under and what is over policed and the data tools used and how they are flawed..in her book weapons of math destructon

00:53:55 Katherine Rossignuolo: data is powerful if it isn't skewed, either by the police or those policing the police

00:54:01 Debbie Grady: These activities require teachers to use non-biased facilitation skills.

00:54:19 agrimes: This would be great to do a cross-curricular project on! I don't think my school would be okay with math time being devoted to so much social issues but that could be discussed in a literacy content setting (with literacy skills applied) and then we could examine data in the math classroom!

00:54:27 W Tad Johnston: To take a neutral stance and say, "what other factors might be involved?". These might be related but not totally race profiling. I used to get pulled a lot more often in a beat up car (driving while dented). There are other factors that you might learn from your students. Recognizing that other variables are involved is an important part of stats and analysis. That said recognize that profiling is real.

00:54:39 Dave Hankin: Also, on using these type of math problems, we need to own the fact that the data is real and not hide from it. We need to learn from it and do better.

00:54:39 Katherine Rossignuolo: It also might involve guidance counselor and definitely should be cross curricular

00:54:57 Robin Koller: Driving while dented - Ha Ha

00:55:11 W Gary Martin: Data data data

00:55:12 Reetu Sahni: parent support.

00:55:17 Carman Ryken: Is non-bias an option? We need to be aware of our bias.

00:55:19 agrimes: Cross-curricular would be a definite must!!

00:55:19 Gabrielle Bertrand: Way more engaging

00:55:21 Genecis Suarez Gaona: Challenge: parents may not like us teaching this

00:55:29 Olivia Johnson: It would help students feel validated in their experiences

00:55:30 Rolando II Delos Reyes: students can distinguish between fake news and real news

00:55:32 Katherine Rossignuolo: parents should be involved!

00:55:33 Amy Baniewicz: Opinionated parents

00:55:34 Phillippe Galicinao: Perception data of students

00:55:35 Shashidhar Belbase: Data mining from context to classroom  
00:55:37 Stephenia Courtney: community involvement  
00:55:37 Cecilia Lopez: Check NOTICIAS de TODOS TODOS Newsletter:  
Mathematics for ALL Winter 2017, Volume 12, Number 2  
00:55:39 Denise Walston: it would relate to their lives and would be engaging  
00:55:43 Koyuki Fritchman: Students can learn about social justice,  
biases, and that their voice is important for their own futures.  
00:55:44 Gabrielle Bertrand: We are not actually teaching, just exposing  
kids to data  
00:55:47 Lisa Owens: Students would see the importance of math, other  
than just helping you shop  
00:55:48 Mohamed Jamaludeen Thirapusa Mohaideen: Parent Engagement  
00:55:48 Katherine Rossignuolo: parents should be involved in the discussion  
00:55:53 Reetu Sahni: Creating a classroom culture where students are able  
to be open about their thoughts  
00:55:55 Rebecca Rucker: Teachers might not be able to gauge their own bias.  
00:55:57 Rolando II Delos Reyes: they will at first check data before  
believing any piece of information social media  
00:55:58 Reetu Sahni: and be critical thinkers  
00:56:00 Nora Ramirez: Challenge: facilitating discussions that lead to  
positive outcomes  
00:56:00 Teresa Lara-Meloy: Being aware of the data sources - making  
sure the assumptions are not problematic (e.g., as in faulty algorithms/variables)  
00:56:00 Ana Guerrero: Challenges: different perspectives  
00:56:01 agrimes: Students would gain more information about the  
real-world situations happening around them  
00:56:01 Cruz Flores Vazquez: I think to combat parents who may not be  
open, send a warning letter before the lesson is taught and be open to have meetings  
to let them know why its important  
00:56:02 Lindsey LaFleur: Pushing critical thinking and analysis of  
real data; students able to think through social issues on their own  
00:56:09 Zorica Lloyd: I think student gain the confidence of knowing that  
they are seen even in what many believe is a purely objective subject. This  
humanises math.  
00:56:10 Lisa Owens: analytical and critical thinkers!  
00:56:10 Debbie Grady: Good idea!  
00:56:16 Clarissa Rothe: AWARENESS  
00:56:22 Emily McGrady: have students offer solutions to help keep racial  
profiling from happening  
00:56:24 Stephenia Courtney: understanding the world that they live in  
through math  
00:56:30 Robin Koller: communicating with parents is key  
00:56:37 amanda Helgerson: The data is not always easy to gather in a  
grade level appropriate way. I stumbled across this quite a bit this year (middle  
school level)  
00:56:38 W Gary Martin: Not everyone has to agree  
00:56:38 Mary Dugas: opens conversation – why are “you” “we”  
uncomfortable with info learned from data  
00:56:38 Ron Napper: Collect data on School suspensions.  
00:56:42 Shashidhar Belbase: Empowering students and building their

identity

00:56:42 Mark Fili: Until we are open to discuss race, race will always be an issue.

00:56:45 W Tad Johnston: I'd like to think that these don't have to be cross-curricular - these ideas ought to be part of math class. We read historical novels, we can do civic math.

00:56:46 LaWanda Speas: Parent engagement

00:56:50 Emily Kavanagh: Data on behavior

00:56:51 Kate Smallberg: And support from school leadership

00:56:51 Laura Hope: my older kids are talking about this. This is what they are discussing with their peers. However, not sure how supportive administration will be. Would have to discuss this with them

00:56:56 Dana Bryson: So then can parents opt their child out of the lesson?

00:56:58 Carman Ryken: Kids hear about this stuff or even experience it. They need to have more support and tools

00:56:59 Cruz Flores Vazquez: To a larger extent, should upper admin be notified too?

00:57:01 Maryanna Biedermann: maybe for younger learners start with access to medical care or fresh food

00:57:14 Kendra Cole: What do we do when we are teaching to a group that already experiences these injustices? Does it still hold the same ?? (Not saying it shouldn't be done).

00:57:36 LeAnna Deveaux-Miller: Good Evening From NEW PROVIDENCE, THE BAHAMAS

00:57:39 Katherine Rossignuolo: They should be taught how math can be an instrument to change these inequities

00:57:40 Lisa Ashe: It's also important that you let your administration know what you are doing.

00:57:44 Cecilia Lopez: There is so information about social justice math at NOTICIAS de TODOS TODOS Newsletter: Mathematics for ALL Winter 2017, Volume 12, Number 2. Page 2

00:57:53 Ellen Metzger: @W Tad Johnston I agree that these can be totally math lesson, not necessarily cross-curricular. Math can totally be about real life!

00:57:59 Olivia Johnson: @Kendra, I think it's just as important because they need to feel seen and validated in their life experiences. I'm sure the data will prove something they already know

00:58:14 W Tad Johnston: I'd posit that if you are experiencing, it is nice to have it recognized

00:58:18 Damali Pittman: School seems like a good place to learn about these inequities. If parents are unaware of these issues or disagree, I don't think it's a valid reason not to educate children about it at a developmentally appropriate level.

00:58:20 Stephenia Courtney: Could these lessons be taught in 5th grade?

00:58:21 Gail Dean: Data could be collected about population and housing values in various areas to show differences in time between areas experiencing gentrification.

00:58:22 Yesysrael Cook: Great idea to promote differentiation based on interest

00:58:32 Maryanna Biedermann: @Cruz, that is a tough one....generally I

say yes but I imagine some folks have recently been considering the "its better to ask for forgiveness than permission"

00:58:42 Cruz Flores Vazquez: Agreeing with @Olivia; it'll amplify the know knowledge they know and even help them understand that they are not alone

00:58:46 Stephenia Courtney: I am an instructor

00:58:54 Kendra Cole: @Olivia Thank you. Exactly what I needed to hear!

00:58:57 Maryanna Biedermann: not that there is anything to ask forgiveness for in this context

00:59:06 Mike Shaughnessy: This is a great social justice mathematics modeling problem

00:59:15 Zorica Lloyd: I love asking students what info they need.

00:59:25 Cruz Flores Vazquez: @Maryanna hmm definitely could agree with this too. I have been told as a newbie this

00:59:41 Stephenia Courtney: I am an instructional coach and would love to have my teachers implement some of this.

01:00:03 Gail Dean: Use graphs and data from media to view information from your area over time.

01:00:18 Maryanna Biedermann: I would like to get some data about income potential and math knowledge

01:00:54 Dave Hankin: A lot of today's material would be great in a cross-curricular unit, particularly social studies/history.

01:01:35 W Gary Martin: @Dave Is that allowed (sarcasm alert)

01:01:42 Maryanna Biedermann: I LOVE EVE BUNTING!!!

01:01:45 Gabrielle Bertrand: GREAT book!!

01:01:51 Maryanna Biedermann: The Wall...

01:01:56 Gabrielle Bertrand: YEs good one

01:02:02 Maryanna Biedermann: Baseball Saved Us

01:02:14 Kim Mann: One of my favs - heartbreaking! Cry whenever I read to students.

01:02:15 W Tad Johnston: It would be great to have a measure of math achievement as well - we need to think about doing this to improve engagement and learning.

01:02:22 Gabrielle Bertrand: Same Kim:)

01:02:40 Gabrielle Bertrand: MathThroughStories.org

01:03:02 Maryanna Biedermann: @Gabrielle, Thank you for the resource.

01:03:32 Robin Koller: You could make story problems with any literature

01:03:42 Monique Carter: I like that this book has a family that is NOT one of color on the cover as it talks about homelessness.

01:04:01 Katherine Rossignuolo: great question!

01:04:13 Susan Bardenhagen: The movie "FLy Away Home" is not based on the book apparently.

01:04:19 Maryanna Biedermann: @Monique, Yes-

01:04:20 Gabrielle Bertrand: :)

01:04:29 Danielle Mooney: IT's about geese! lol

01:04:38 Maryanna Biedermann: @Susan---the geese did not live in an airport

01:05:27 Laura Cranmer: Love the pythagorean theorem lesson

01:05:41 Rebecca Flora: ramps are also great for unit on ratios

01:06:14 Maryanna Biedermann: Wow, real world examples of angles and length of ramp in context with the calculation..

01:06:14 Shashidhar Belbase: Nice to see connection of ethnomathematics with social justice and student identity.

01:06:14 Sheila Kirton-Robbins: cab drivers

01:06:15 Dave Hankin: It's always good to learn about other cultures and traditions...

01:06:17 De Zhang: Love the the term "ethnomathematics".

01:06:29 W Tad Johnston: The mathematics of carpenters is an amazing old monograph

01:06:37 Phillippe Galicinao: Linda Furuto is at the University of Hawai'i at Mānoa

01:06:56 Phillippe Galicinao: and created the first graduate program in ehtnomathematics

01:07:01 W Gary Martin: @Phillippe She's a rock star!

01:07:23 Maryanna Biedermann: @Phillippe, you are a now a celebrity

01:07:26 Phillippe Galicinao: I agree Gary!

01:07:29 Mike Shaughnessy: HI Gary!

01:08:03 Katherine Rossignuolo: I show the movie every year since it came out!

01:08:05 Ellen Metzger: What is the Mathematics of Carpenters, W Tad Johnston?

01:08:10 W Gary Martin: Hey Mike, shat'w shaking?

01:08:16 Mike Shaughnessy: That book is a Mythical Book award winner!

01:08:20 Mike Shaughnessy: Mathical

01:08:22 W Gary Martin: What's shaking?

01:08:23 jill brown: ladies?

01:08:34 Robin Koller: McFarlan USA is a great movie too

01:08:47 Mike Shaughnessy: Marilyn's shaking the ground, man!

01:08:53 Danielle Mooney: This movie is the same as the book! ;)

01:08:57 Maryanna Biedermann: Hidden Figures is another opportunity to talk about wage disparity

01:08:58 W Gary Martin: @Mike She's a rock star!

01:09:08 Mike Shaughnessy: Of course!

01:09:14 Katherine Rossignuolo: shows police racial profiling too

01:09:15 W Gary Martin: @Maryanna, nice connection

01:09:19 Phillippe Galicinao: YES! Gender liberation

01:09:28 Amy Tucker: I have that book! In the bottom corner

01:09:52 Zorica Lloyd: Another nice kids book is The World is Not a Rectangle about and architect Zaha Hadid. Her buildings so cool.

01:10:10 Maryanna Biedermann: @Amy, do you think it is a good starting point?

01:10:11 Kendra Cole: @Amy how is the book? The reviews made me hesitate

01:10:40 Maryanna Biedermann: I wish we could make a summer work group

01:10:57 Ellen Metzger: Good idea Maryanna Biedermann!

01:11:00 Amy Tucker: I started to read it just in March, and I haven't been able to get back to it.

01:11:11 Susan Bardenhagen: The father is an inventor and does work on an ultralight aircraft... They do stop at Niagara Falls Air Station in their journey. I was just surprised that the titles are the same- book published 1991 and movie 1996. Oh, they rescue a bird in the book. Now I'm wondering if the movie "stole the title" because of the few connections. Hmmmmm

01:11:12 Danielle Ereddia: What is the name of the book? And author  
01:11:44 Cecilia Lopez: Ideas for social justice math at NOTICIAS de TODOS  
TODOS Newsletter: Mathematics for ALL Winter 2017, Volume 12, Number 2 Page 2  
01:11:57 Ellen Metzger: Who wrote that Social Justice book that was in the  
corner of the last slide?  
01:12:09 Amy Tucker:  
<https://www.nctm.org/Store/Products/Teaching-Mathematics-for-Social-Justice--Conversations-with-Educators/>  
01:12:09 Maryanna Biedermann: Yes, maybe they will have evidence that they  
don't need to keep asking "when will I ever use this"  
01:12:13 Mike Shaughnessy: Applause!!  
01:12:14 Nell Thurlow: Awesome presentation, thank you Marilyn and NCTM  
01:12:15 Emily McGrady: Thank you Marilyn  
01:12:16 Phillippe Galicinao: Thank you!!!!  
01:12:17 Fran Huntoon: Thank you!  
01:12:19 Rebecca Flora: Great questions  
01:12:19 W Gary Martin: Clap clap clap  
01:12:20 Brea Ratliff: Great job and thank you!  
01:12:20 Katherine Rossignuolo: Thank you Marilyn!  
01:12:21 CRISPIN ILOMBE WILONDJA: Thank you so much  
01:12:21 Maryanna Biedermann: I am applauding!!!!!!!!!!!!  
01:12:23 Kathleen May: Thank you!  
01:12:23 Amy Baniewicz: Thank you!  
01:12:24 Rebecca Rucker: Thank you so much, Marilyn!  
01:12:24 Shelly Allen: THANK YOU Marilyn!!!  
01:12:24 Gabrielle Bertrand: Thank you for all of this food for though!!!  
01:12:24 Christina Hall: Thank you for taking the time to give this  
information to us.  
01:12:25 Rebecca Chynsky: THANK YOU!!!!!!!!!!!!  
01:12:27 Jennifer Knudsen: thank you  
01:12:29 Maryanna Biedermann: Thank you-so wonderful  
01:12:29 CRISPIN ILOMBE WILONDJA: Applauding  
01:12:29 Beth Kobett: Excellent presentations!!!  
01:12:30 Diane Anderson: thank you  
01:12:32 Stephanie Byrd: Thank You!!!  
01:12:34 Carman Ryken: Thank you  
01:12:34 Beth Nalker: Tremendous! Thank you!!  
01:12:35 Sandy Silverman: Fantastic Presentation. Thank you!  
01:12:35 Kim Mann: Wonderful - thank you!!!  
01:12:38 Stephenia Courtney: Thank uo  
01:12:39 Erika Hassay: Excellent - thank you!  
01:12:39 Zorica Lloyd: Thanks so much Marilyn and attendees.  
01:12:40 Ana Guerrero: Thank you! You have shared many great real-world  
math related ideas that we can incorporate in our math lessons  
01:12:40 Skip Fennell: Thank you, Marilyn.  
01:12:41 VELVET WRIGHT: Thank you.  
01:12:41 Kathy Rubendall: Thank you! Excellent!  
01:12:44 Damali Pittman: thank you! wonderful info.  
01:12:46 Olivia Johnson: Wow!! That was so much! I feel inspired! Thank you,  
Marilyn!!



01:12:49 Maryanna Biedermann: and thank you colleagues for all your sharing!

01:12:50 Sabrina Garza: awesome! thank you!

01:12:55 Caroline Brown: Thank you!

01:12:58 Roberta Ludwigsen-Hill: Thank you!

01:13:01 Rachell Scott: Thank you! Wonderful Presentation!

01:13:02 Chonda Long:  
<https://www.nctm.org/Store/Products/Teaching-Mathematics-for-Social-Justice--Conversations-with-Educators/>

01:13:03 Cindy Bryant: Thank you for sharing Marilyn.

01:13:12 ALICIA PARUGINOG: Thank you for sharing

01:13:13 Mary France Imperial: Thank you - great presentation!

01:13:15 VELVET WRIGHT: How might you modify the lessons to provide access for all students in your class?

01:13:17 Gail Dean: Thank you for lots of thoughts to ponder about and use in actions.

01:13:23 Katherine George: Thank you for the information

01:13:25 LaWanda Speas: I really enjoyed this Thanks!

01:13:28 Susan Bardenhagen: Eve Bunting is the author- she wrote many children's books, including non-fiction about sharks

01:13:29 Sharon Black-MacKinnon: Thank you so much. Stellar webinar!

01:13:38 Kimberly Brown: Thank you so much for this webinar.

01:13:41 Dian Kurniawan: Thank you

01:13:43 FLORENCE MAE DELA CRUZ: Thank you, great presentation 🙌🙌

01:13:45 Stephenia Courtney: Thank you!

01:13:55 Rolando II Delos Reyes: Thank you sharing Marilyn! I share your passion in bringing social justice in the classroom!

01:14:03 Shashidhar Belbase: Another great presentation with questions in context for social justice.

01:14:10 jill brown: thanks from Aus, great presentation :)

01:14:11 VELVET WRIGHT: What about best practices for mitigating/minimizing your own biases?

01:14:12 Kathlan Latimer: Thank you!

01:14:22 Ron Napper: Thank you for sharing!

01:14:23 Amara Sankhagowit: Thank you for this amazing presentation!

01:14:30 W Tad Johnston: Thanks

01:14:35 Maryanna Biedermann: @Velvet excellent question

01:14:43 Sarah Ambeault -LABOR-: Thank you so much. Powerful!

01:14:55 Trena Wilkerson: Thank you Marilyn for wonderful ideas/lessons and challenging us to reflect on social justice in the math classroom. So many wonderful opportunities to give students voice and power with mathematics and make sense of their world.

01:15:01 Danielle Ereddia:  
<https://implicit.harvard.edu/implicit/takeatest.html>

01:15:14 Damali Pittman: Blink by Malcolm Gladwell

01:15:14 CRISPIN ILOMBE WILONDJIA: Thank you Danielle

01:15:16 Lindsey LaFleur: Social justice issues I used in kindergarten: equity vs equality, identity + bias (being friends with everyone in class and finding common ground despite different identities - all phrased appropriately for 5 year olds) - They loved the lessons!

01:15:16 Mohamed Jamaludeen Thirapusa Mohaideen: Thanks so much!

01:15:18 VELVET WRIGHT: Is it important to be transparent about implicit bias?

01:15:19 Koyuki Fritchman: Four ways teachers can reduce implicit bias, by Jill Suttie, October 2016 is a great article you can find online

01:15:23 Katherine Rossignuolo: Thank you Danielle!

01:15:39 W Tad Johnston: Talking to Strangers by Malcolm Gladwell

01:15:57 Melissa Gilbert: Greg Peters and SF-CESS has resources for implicit bias.

01:15:58 Caroline Brown: Blind Spot is a great book!

01:16:23 Robin Koller: Showing grace is very important

01:16:23 Nora Ramirez: I like to use the teaching tolerance website (teachingtolerance.org) for resources as I work with teachers.

01:16:32 Rachell Scott: Thank you for an amazing presentation.

01:16:34 Brea Ratliff: @Nora, I love their resources

01:16:46 Maryanna Biedermann: @Nora, thank you for that resource

01:17:16 Ellen Metzger: I LOVED Talking to Strangers by Malcolm Gladwell. Sandra Bland – say her name.

01:17:17 W Gary Martin: Hey Nora!

01:17:24 Jet Yeung: Thank you for your insight and information and great books to teach in the classroom. We all need to see our own biases and change our ways to do a better job in the classroom.

01:17:24 Dave Hankin: No matter who you speak with, on any issue, be open, be honest, be fair, and if all else fails, respectfully agree to disagree.

01:17:36 Erin Ryan: Amen, from the rural south!

01:17:40 Stephenia Courtney: LOVED THIS!!!!!!!!!!

01:17:48 Nora Ramirez: Hi, Gary!

01:17:56 Susan Bardenhagen: `#ShutdownSTEM apparently is scientists on strike tomorrow.... I'm still wrapping my brain around this concept, but doesn't STEM include Math..... Again, just musing.

01:18:04 Melissa Gilbert: Recent relevant paper: <https://edpolicy.stanford.edu/library/publications/1623>

01:18:08 Emily Kavanagh: Thanks so much for an informative presentation

01:18:18 Rebecca Mitchell: Global majority vs minority?

01:18:28 Melissa Gilbert: Learning to Talk About Race and Implicit Bias in Historically White Districts: Some Guidance for Educators

01:18:28 Robin Koller: I watched Hidden Figures with one black girl in our class, and we all enjoyed discussing it.

01:18:39 Damali Pittman: interesting history lesson for teachers: <https://youtu.be/d0kFXPb1LpU>

01:18:57 Ellen Metzger: You just need to be careful not to put the black kids on the spot – not to put them into a spokesperson role if they don't want to be there.

01:19:13 Dave Hankin: That's true with any student.

01:19:19 W Gary Martin: As a white person, I think it can be helpful, because you can divulge your own struggles..

01:19:28 Ellen Metzger: Right, sure with any student.

01:19:42 Sheila Kirton-Robbins: Thank you! 🙌🙌🙌

01:19:51 Mike Shaughnessy: Robert Berry has spoken to the issue of white teachers, black students.

01:19:54 Stephenia Courtney: ALL students NOT just African American students!!!

01:20:06 Cruz Flores Vazquez: Just looked into #ShutdownSTEM, it's to open up and discuss the racism that maybe isn't discussed too often in the STEM community

01:20:33 Melissa Gilbert: Thank you! Need to go to my next meeting!

01:20:39 Cruz Flores Vazquez: but thank you for informing us on the hashtag, wasn't aware that was trending

01:20:42 W Gary Martin: I talk to my students of color about how their positioning in the discussions. But that is with methods students at university level.

01:20:44 Stephenia Courtney: Be mindful of your students feelings!

01:20:48 Rebecca Rucker: I highly recommend Why Are All the Black Kids Sitting Together in the Cafeteria?: And Other Conversations about Race by Beverly Daniel Tatum.

01:21:12 Kate Smallberg: Thank you so much!

01:21:20 Melissa Luzano: Thank you!

01:21:21 Rebecca Rucker: Thank you!!

01:21:21 Dave Hankin: Thank you again from Globe, Arizona!

01:21:22 Michelle Cirillo: Thanks Marilyn!

01:21:24 Hannah Rooney: Thank you!

01:21:28 Gabrielle Bertrand: THanks!!

01:21:28 Mackenzie Soliday: Thank you!

01:21:28 Ellen Metzger: Wonderful job! Thank you!!

01:21:29 Shashidhar Belbase: Thank you for wonderful talk.

01:21:29 Olga Kosheleva: Thank you very much!

01:21:31 Erika Hassay: Thank you! Terrific presentation - lots to think about.

01:21:31 Sarah Lee: Thank you!

01:21:33 Joyce Meier: Thank you!

01:21:34 Katherine Rossignuolo: Thank you!

01:21:34 VELVET WRIGHT: Thank you!

01:21:36 Nell Thurlow: Great job!

01:21:37 Susan Danskin: Thank you. What a timely presentation. I am motivated!

01:21:37 Mary France Imperial: Thank you so much!

01:21:38 Pamela Goodwin: Thank you! This was an awesome webinar!!

01:21:38 Emily McGrady: Thanks so much...you gave lots of great ideas!

01:21:39 Lindsey LaFleur: Thank you, Marilyn! Great conversation and resources!!

01:21:41 Leslie Blair: thank you!

01:21:41 Justin Klinger: Thank you

01:21:41 Angelita Beltran: Thank you

01:21:42 Maggie Lukens: Thank you much!

01:21:43 LeAnna Deveaux-Miller: Thank you all...

01:21:43 CRISPIN ILOMBE WILONDJIA: Thank you so much

01:21:44 Mike Shaughnessy: Thanks Marilyn!!!

01:21:46 Ashley Barattini: Thank you so much!

01:21:47 Sharon Laahs: Thank you!!

01:21:50 Nora Ramirez: Good info- thanks

01:21:54 Arlene Bachinela: Thank you so much!

01:22:01 Danielle Grenader: Thank you!  
 01:22:03 Ana Guerrero: Thank you  
 01:22:06 Robin Koller: I love the movie Gifted Hands as well  
 01:22:08 Regina De Chavez: thank you from lipa city, batangas  
 philippines  
 01:22:10 Deanne Conroy: Thank you so much. Very informative and current!  
 01:22:12 Rolando II Delos Reyes: Thank you so much! Morning PHPPPH  
 01:22:12 Laxman Nepal: Thank you so much for the wonderful presentation  
 01:22:18 Nicole Malmgren: This was wonderful information and has  
 completely changed my lesson planning for systems of equations tomorrow with my  
 Algebra Class!! Thank you for this!  
 01:22:23 Sheila Kirton-Robbins: Awesome resources and mags  
 01:22:27 paloma carrera: thank you  
 01:22:28 Cruz Flores Vazquez: Stand & Deliver has to be one of the films  
 we all need  
 01:22:30 Damali Pittman: I agree that students' feelings are important,  
 especially if they feel like they have to a spokesperson for their race.  
 01:22:41 Asri Alfia S: thank you so much  
 01:22:54 Danielle Ereddia: Will this powerpoint be linked or sent to us  
 separately?  
 01:22:55 Nicole Malmgren: @ Cruz I show Stand and Deliver Every YEAR!!  
 01:23:03 Joleigh Honey: Thank you!  
 01:23:09 Denise Walston: thank you  
 01:23:11 Maryanna Biedermann: @Chondra, any extra discount on the math  
 book that you posted?  
 01:23:14 David Barnes: Powerpoint will be posted with video.  
 01:23:14 Stephanie Wilson: Thank you!  
 01:23:15 Sheila Kirton-Robbins: 🙌🙌🙌🙌🙌🙌  
 01:23:19 Dana Bryson: Thank you!  
 01:23:25 Damali Pittman: Great presentation!!!!  
 01:23:25 Vicki Roman: Thank you!  
 01:23:26 Phillippe Galicinao: LOVE!  
 01:23:26 Beth Kobett: Spectacular!!!! LOVED IT!  
 01:23:27 CRISPIN ILOMBE WILONDJA: Bye  
 01:23:32 Fardowsa Mahdi: Thank you!  
 01:23:33 Tessie Menta: Thank you  
 01:23:33 Daniel Irving: Thank you for this incredible presentation!  
 01:23:38 Jill Weiss: Thank you!!!  
 01:23:50 Stephenia Courtney: TY! Bye.  
 01:23:52 Koyuki Fritchman: Thank you so much! I am looking forward to  
 incorporating social justice pedagogy  
 01:24:11 Cruz Flores Vazquez: THANK YOU

And thank you all for the resources and commentary!!

01:24:17 Mary Dugas: thank you  
 01:24:18 Esther Winikoff: thank you!  
 01:24:24 Denise Juern: Thank you!  
 01:24:36 Maryanna Biedermann: This was a huge blessing for me  
 01:24:39 Diane Anderson: thanou  
 01:24:44 Diane Anderson: thank you

01:24:45 Maryanna Biedermann: I am going but I am a slow typer!  
01:24:51 Denise Juern: Any stickers tonight?  
01:24:54 Beth Kobett: All the cool kids are in the after party!  
01:24:56 Maryanna Biedermann: Blessings to all!  
01:24:58 Stephenia Courtney: very carefully  
01:24:58 Cruz Flores Vazquez: B)  
01:25:00 Stephenia Courtney: lol  
01:25:01 Flora Wright: Thanks  
01:25:03 Rebecca Rucker: I'm waiting for my free t-shirt ;)  
01:25:14 Veronica Kwok: I'm going to have to rewatch this recording - I was helping a student at the same time. but thank you for your vulnerability! Can't wait to continue educating myself and helping my immigrant students learn more about Black history.  
01:25:15 W Gary Martin: I want a. Free t-shirt!  
01:25:30 Jeff Shih: gary, maybe a sticker  
01:25:31 Cruz Flores Vazquez: I heard free  
01:25:39 W Gary Martin: @Rebecca's idea!