

00:19:06 Cindy Bryant: Greetings from Springfield, MO. Thanks for joining!
00:19:06 Trena Wilkerson: Hello from Waco, TX!
00:19:40 Vittorio Ciummo: Vittorio from Chicago
00:19:44 Tanya Landry: Hi from Baton Rouge! Going well here. A little rainy.
00:19:48 Judy Radigan: Hi from Maine!
00:19:52 Cindy Bryant: Please set your chat to "All panelists and attendees" so everyone can see your chat posts!
00:19:53 Jennifer Holland: Peyton, Colorado and I got to proctor the SAT exam for seniors that missed it this past spring.
00:19:55 Chris Nho: Hi all, thanks for being here. San Diego
00:19:56 Kathleen McFadden: Hello from Queens NY.. evening time here.
00:20:01 Susan Potts: Hi from Las Vegas!!
00:20:03 Emerlina Binuya: Hello I'm Emerlina from Petersburg,VA
00:20:08 Angie Stika: Greetings from Kansas
00:20:14 Melonie Smith: Hello from Chicago
00:20:16 LF W: Good morning from Singapore
00:20:17 Delphine Stallworth: Hello from Stockton CA
00:20:17 Letitia Malone: Happy Hump Day from Yuma, Arizona
00:20:28 Kami Soverall: Kami from New York City. My day was good. It was great seeing my students although it was virtual.
00:20:37 paloma carrera-Andino: Hi from El Paso, Tx
00:20:39 Janice Novakowski: Hi there, Janice from Vancouver, BC , Canada
00:20:43 Payal Arora: Hello from Washington DC
00:20:44 Chris Nho: Hey Janice!
00:20:53 Wanda Parker: Hi from Virginia
00:20:57 Angie Stika: I have remote and in person students each hour of the day.
00:21:13 Emerlina Binuya: Very busy with remote learning.
00:21:21 Faith Peddie: Thank you all for being here today!
00:21:22 Aya Zvaigzne: Kindest regards to some of the most amazing persons on this beautiful blue planet. Working on keeping away from burnout here in Nashville, TN. Blessings to all.
00:21:38 Jorge Veloso: Hi from Angola.
00:21:38 Letitia Malone: hybrid learning may be the cause of all my new gray hair
00:22:06 Olga Kosheleva: Hello from El Paso, TX
00:22:18 Ramona Hall: Hi from Charlotte, NC
00:22:26 Sara VanDerWerf: Hello from Minneapolis.
00:22:27 Kathryn Del Prete: Hi from Long Beach, NY!!
00:22:29 Justin Klinger: Romeoville says hi. My day is fine. My school decided to give Seniors the SAT they missed in the spring. Because my admins can help themselves. NO Teacher wanted it.
00:22:32 Young Welch: Hello from Chicago
00:22:33 Candace King: Hello! Im from MS!
00:22:37 Gil Geeran Bangeles: Good morning from the Philippines
00:22:37 Tonya Dorsey: Hi from Cleveland Ohio
00:22:45 Daniel Zelaya: Greetings from California!
00:22:46 ABDUL OTHMAN: Hi Abdul Razak from Malaysia
00:23:08 Ethan Weker: Hi from Silicon Valley (Cupertino, CA). This is my

break between staff meeting and making dinner (and wrangling my 5 and 9 year olds)

00:23:18 Lorie Huff: Hello from Fayetteville, Arkansas

00:23:18 Jenny Sagrillo: Hello from ilwaukee, WI

00:23:19 Vanessa Stokes: hello from chicago!

00:23:22 Katherine Wilcox: Hello from Los Angeles!

00:23:29 Lance Brauchla: Hello from IN!

00:23:30 Eugene Bacon: hi Gene from Marina

00:23:48 Aya Zvaigzne: Happy morning and happy Thursday to our beloved friends on the other side of the planet. Kindest regards to our colleagues.

00:23:50 Linda Koval: Virtual learning Monday and Thursday, but today worked with students from 8 to 5. Got up at 2 this morning to tape a lesson.

00:24:08 Alma Miho: From Bartlett, IL

00:24:08 Faith Peddie: 2 am!!!! That is dedication.

00:24:09 Chris Nho: Wow thanks Linda

00:25:14 WARASABON DOMINIKUS: hallo from indonesia

00:25:40 Johnny Gary III: Hi everyone! Johnny Gary

00:25:44 Justin Klinger: Justin Klinger, Crete-Monee High School. Football!!!!

00:25:48 Candace King: Candace, USM (Mississippi), Halloween movie night

00:25:50 Aya Zvaigzne: Favorite tradition: keeping students engaged

00:26:01 Ethan Weker: Ethan, Cupertino, California. (Miss apple picking in New England)

00:26:01 Rozelta Boyd: Rozelta. I teach in Boston Public Schools. My favorite autumn tradition - hot apple cider

00:26:04 Linda Koval: Linda Koval, Liberty High School in Bealeton, VA. Going and watching football games, not quite happening this year.

00:26:06 Ethan Weker: Also, Hey Chris Nho!

00:26:10 Patricia Daugherty: From San Francisco, CA.. Making Pies and Stew.

00:26:14 Jenny Sagrillo: Jenny, UW-Milwaukee, knitting a new sweater

00:26:17 Hana Kim: Greetings from southern california! Hana Kim, student teacher in fullerton joint union high school district, favorite autumn tradition, going camping

00:26:18 Sandamala Hettigoda: Sandamala/ Indiana University Southeast/hanging with kids

00:26:20 Chonda Long: Chonda Long, NCTM, Visiting Cox Farms

00:26:24 CINDY KLAGES: greetings from beautiful Eufaula. AL! My favorite fall tradition is pumpkin 🍠 everything!

00:26:24 Melonie Smith: Melonie, Chicago, run the Chicago marathon

00:26:27 Kami Soverall: Going hiking with my children. Baking apple pie.

00:26:29 Todd Smallcanyon: southern Utah, corn stew

00:26:30 LF W: LF, Singapore, eating!

00:26:32 Johnny Gary III: I am Johnny Gary, III, USM (Mississippi), I love decorating!

00:26:32 Dewey Gottlieb: Dewey, Hawaii Dept. of Education, in Hawaii we don't really have "autumn" but the only autumn tradition might be Halloween

00:26:34 Aric Barnes: Hello, AJ from Houston, TX. Favorite autumn tradition is baking

00:26:36 Sandra Humphreys: Sandra Humphreys, Haywood Middle School, Fall Festivals

00:26:36 Tanya Landry: Tanya Landry. I teach at Brighton, a small private school for dyslexic students. I enjoy walking on cool nights because it's normally so hot in Louisiana.

00:26:40 Delphine Stallworth: Delphine from Stockton CA I like the falling of the leaves

00:26:47 Nancy Merino Lopez: My name is Nancy, I'm a student at CSUMB, and watching trees change color!

00:26:48 Letitia Malone: Tish Malone Yuma High School, home of the Yuma High Criminals, fall fun getting to get outside again

00:26:51 Sara VanDerWerf: Start of fall in MN - Math On-a-Stick!

00:26:59 Lorie Huff: Autumn squash soup

00:27:00 Delphine Stallworth: And the beautiful colors of the trees

00:27:01 Jennifer Holland: Jennifer, from Colorado, getting to wear sweaters!

00:27:01 WARA SABON DOMINIKUS: dominic, Indonesia, treaveling

00:27:13 Betty Stallings: Betty Stallings- Virginia- Retired teacher-vegetable garden

00:28:05 Payal Arora: Nature walks to observe the fall colors.

00:28:12 Angie Stika: cutting silage

00:28:22 Jeanne D'Arcy: San Francisco, CA - knitting sweaters for fall - so much math!

00:28:48 Faith Peddie: Here is a link to the demos activity:
<https://student.desmos.com/join/9dge8q>

00:28:49 Chris Nho: <https://student.desmos.com/join/9dge8q>

00:29:59 Justin Klinger: I'm in

00:30:17 Daniel Irving: Hello from North Providence, RI!

00:30:35 Chris Nho: The link to the demos activity:
<https://student.desmos.com/join/9dge8q>

00:30:40 Chris Nho: desmos*

00:31:06 Faith Peddie: @Chris, thanks for correcting that typo I made ;-)

00:41:06 LeAnna Deveaux-Miller: Good Evening.....for some strange reason my audio doesn't work for NCTM evening sessions

00:41:28 Faith Peddie: Hi LeAnna, were we talking in the afternoon session yesterday>

00:41:32 Faith Peddie: ?*

00:41:50 Chonda Long: Have you checked your audio settings?

00:42:11 LeAnna Deveaux-Miller: Will do Chona

00:45:02 Chris Nho: Link to the demos activity:
<https://student.desmos.com/join/9dge8q>

00:45:17 Chris Nho: Share 1 thing that you like about this drawing and 1 thing that needs a little improvement

00:45:36 Angie Stika: I think the detail is great. The thumb seems large.

00:45:40 Aric Barnes: I like the power of the symbol of a raised hand. I wish it was more proportional... lol

00:45:44 Jennifer Holland: I like the detail, the lines from the nucleus. The proportion is off.

00:45:47 paloma carrera-Andino: I like the detail

00:45:50 Geraldine Hayden: Fingers need to be proportionate

00:45:50 Emerlina Binuya: It is a working hand!

00:45:52 Rozelta Boyd: The fingers are great. The thumb needs to be lowered
00:45:54 Alma Miho: Disproportional
00:45:59 Aya Zvaigzne: You forgot that there are 100 different colored pencils at the front of the room. I only truly wish we were back in a live classroom again.
00:46:01 Maria Padiernos: sense of proportion
00:46:04 Ethan Weker: Nice focus on the wrinkles for each knuckle. I wonder if the thumb could be moved or resized?
00:46:06 Jenny Sagrillo: The artist has made a good attempt at lifelike detail. The thumb is out of proportion.
00:46:08 Hana Kim: The knuckles are well detailed. The thumb needs to be smaller, I think.
00:46:09 Julie Roney: I like the detail and shading. Seems to not be to scale?
00:46:11 Janice Novakowski: I think the detail where the fingers are bending is good. Hard to tell if the fingers are positioned.
00:46:12 Jeanetta Glass: I like the details. The thumb is out of proportion with the rest of the hand.
00:46:15 Candace King: What I liked: The shading gave the photo some dimension. What I didn't like: Not enough attention to dimension. It appears that they just stopped
00:46:17 paloma carrera-Andino: The proportion
00:46:24 Letitia Malone: the thumb is a little disproportional, but it relatively well done
00:46:28 Chris Nho: -
00:46:29 Chris Nho: Share 1 thing that you like about this drawing and 1 thing that needs a little improvement
00:46:33 Kami Soverall: There is a numerous amount of detail showing the joining of the bones. Fingers could be a little refined.
00:46:35 Todd Smallcanyon: welcome hand
00:46:41 paloma carrera-Andino: I like the lines to create detail
00:46:43 Angie Stika: Very detailed.
00:46:43 Maria Padiernos: shading implies 3 dimensionality
00:46:48 Alma Miho: Reaching hand
00:46:48 Janice Novakowski: Like how the ring and cuff provide scale.
00:46:49 Justin Klinger: All the fingers are the same length?
00:46:50 Sarah Akins: welcoming hand
00:46:50 Aric Barnes: Detail of wrinkles/creases
00:46:53 Kami Soverall: More realistic.
00:46:56 Candace King: I liked the palm facing towards the audience
00:46:57 Sandra Humphreys: Detailed
00:47:03 Aya Zvaigzne: Good drawings of the lines in the palm. The bracelet is obviously important.
00:47:04 Jeanetta Glass: The shading is excellent. The fingers are all the same length??
00:47:05 Jenny Sagrillo: There's a lot of detail. I wonder if the fingers are curved upward?
00:47:05 Hana Kim: Very detailed hand. can't think of area for improvement
00:47:08 Emerlina Binuya: this hand is open so everything is fine for

him/her

00:47:14 Dewey Gottlieb: there's a 3-dimensional quality to it
00:47:15 Letitia Malone: finger to palm ratio is off, but the palm is well
detailed and well worn
00:47:16 Jennifer Hagman: Wonder if the fingers are all equal length
00:47:18 Aric Barnes: Proportionality of fingers
00:47:20 Hana Kim: pinky shorter?
00:47:22 Chonda Long: length of the fingers
00:47:27 Alma Miho: Inviting
00:47:29 Delphine Stallworth: A longer middle finger
00:47:33 Mohamed T: I see nails too.
00:47:38 Aya Zvaigzne: Fingers are not shadowed to show the actual length.
00:47:39 Candace King: The details could be a bit sharpened. More realistic
fingers.
00:47:43 Dewey Gottlieb: all the fingers appear to be the same length
00:47:44 Jennifer Holland: Very detailed, the perspective just doesn't
look right. Maybe more shadows to make it appear that the fingers are curved rather
than all fingers looking the same length.
00:47:46 Delphine Stallworth: And shorter baby finger
00:47:47 Janice Novakowski: The lengths and curves of the finger seem
off.
00:47:48 Sarah Akins: the fingers look curved in
00:47:58 Kami Soverall: Refine the curvature of the hand.
00:47:58 Angie Stika: Are the middle two fingers "curved in"?
00:50:38 Aya Zvaigzne: My hands represent my actions and ability to carry
out those actions. I am already in borderline tears. I will just breathe for a
moment while staring at my hands and contemplating how much I miss laying my hands
on the shoulder of a student or on their paper (without touching them directly).
00:51:24 Matthew Rosenberg: Very powerful @Aya
00:51:40 Matthew Rosenberg: Thank you for sharing that
00:52:13 Matthew Rosenberg: Very powerful @Aya, thank you for sharing
that out

00:59:53 Chris Nho: <https://student.desmos.com/join/9dge8q>
01:00:34 Cheryl Ann Doyle Barran: how do i upload the picture?
01:02:55 Chris Nho: I felt successful when...

I felt frustrated when...

I wanted to give up when...

I experienced _____ when...

01:04:21 ALEX QUYENVO: I don't feel successful or frustrated or want to give up, but laugh because my drawing is so ugly haha...

01:04:32 Julie Roney: I felt successful when my daughter said, "wow, artist much." hahaha... she is great for my self-esteem.

01:04:45 paloma carrera-Andino: I felt successful by completing the drawing

01:04:54 Maria Padiernos: I wanted to give up when I couldn't control the pencil in the sketchpad software, but I did my best anyway

01:05:17 Candace King: I felt frustrated in the beginning and did give up after I made the first mistake. I allow others to make mistakes but don't really extend the courtesy to myself

01:05:17 Emerlina Binuya: I felt frustrated when I can't draw a nice picture of my hand using the pencil on the sketch pad.

01:05:22 paloma carrera-Andino: I felt frustrated in realizing I am not a good artist

01:05:22 Matthew Rosenberg: these are great

01:05:31 Matthew Rosenberg: thanks @paloma

01:05:53 Tanya Landry: I wanted to give up before I began, but the silent time made me feel like this was more meditative than urgent, so I did my best (sorta).

01:05:58 Matthew Rosenberg: yea, I find it REALLY hard drawing on a computer

01:06:20 Emerlina Binuya: Great activity I hope I can do it in my remote teaching specially the use of the desmos.

01:06:21 Matthew Rosenberg: @Tanya I felt a similar meditative calm

01:06:41 Matthew Rosenberg: @Emerlina we are happy to share the activity with you if you would like it

01:06:43 paloma carrera-Andino: I wanted to give up when I saw it looked deformed

:(

01:06:48 Jennifer Holland: When we got started I told myself this is why I teach math!

01:07:16 Aric Barnes: I experienced an intense sense of mindfulness and reflection when I drew the details and minutiae of my hand, things I always overlook in the daily chaos and nonstop activity of life right now. I was thinking of the wrinkles/creases being witnesses to all the experiences over my life. I also thought of all the little moments that made the last 3 years of teaching (I'm now entering year 4) so memorable. Moments that at the time may have seemed insignificant but which now I look back on so thoughtfully and memorably.

01:07:19 Matthew Rosenberg: @Ethan, that is such an interesting reflection!

01:07:42 Matthew Rosenberg: @Jen HAAAAHA
01:09:03 Margaret Peretti: I hate using pencil for math for the same reasons
01:11:59 Mohamed T: Amazing work!!
01:15:28 Sara VanDerWerf: I loved your videos of student voice.
01:15:30 Janice Novakowski: I love the student voices project. So great hear students express themselves.
01:16:03 Jennifer Holland: It was so good to hear students that feel good about math, that like math.
01:16:33 Aya Zvaigzne: Feel safe when exploring the completely unknown and with no experience.
01:16:52 Katherine Wilcox: This was so great! Thanks so much.
01:16:57 paloma carrera-Andino: Thank you
01:16:58 Sarah Akins: Thank you!!!
01:17:08 Aya Zvaigzne: faith, love, hope, and all those things
01:17:09 Sharon Black-MacKinnon: Thank you so much!
01:17:09 Sara VanDerWerf: Thanks to Chris and Matthew.
01:17:10 Julie Roney: Thank you!
01:17:10 Aric Barnes: This was such a powerful time, highlight of my day!
Many thanks.
01:17:11 Justin Klinger: Thank you
01:17:12 Margaret Peretti: Thank you!
01:17:13 Erica Heinzman: Thank you!!!!
01:17:16 Candace King: Thank you for this activity!!
01:17:20 Jennifer Hagman: Thank you!
01:17:21 Aya Zvaigzne: Brilliant, wonderful seminar/webinar
01:17:22 Jennifer Holland: Thank you so much. This was so thought provoking.
01:17:22 Maria Padiernos: Thanks...I love the reflective portion, I will definitely use in my classroom!
01:17:24 Alma Miho: Thanks,
01:17:26 Letitia Malone: my takeaway for me is I need to find more ways to help my students feel good about themselves and the work they produce
01:17:28 Daniel Irving: Thank you for this wonderful webinar!
01:17:28 Tanya Landry: Thank you!
01:17:33 Eugene Bacon: thanks.
01:17:40 Sandamala Hettigoda: Thank you
01:17:42 Mary France Imperial: Thank you
01:17:44 Sarah Battersby: Awesome presentation. Thank you for allowing some time for reflection.
01:18:15 Todd Smallcanyon: Thank you for awareness.
01:18:19 Aya Zvaigzne: Take away: Never forget that you are touching all the heart around you and everyone you communicate with (even if we are not next to each other and are 10,000 miles away). The heart is real.
01:18:31 Eugene Bacon: this made me think that "I need to ask what the student knows instead of what they don't understand "
01:18:39 Trena Wilkerson: Thank you for reminding us to get to know our students, understand they have their own stories that make them and then we can work to support their empowerment in the math classroom. Help them develop a positive mathematical identity. Thank you Matthew and Chris!

01:18:44 Honey Sacro Swem: Thank you so much!

01:18:45 Nancy Merino Lopez: Thank you! I learn so much from this meeting. I am a student, a junior at CSUMB and this taught me a lot about being supportive towards my future students and always hear them out, and not judge them.

01:18:48 Kami Soverall: Thank you very much. I thought it was going to be a list of strategies to implement. However, I was encouraged to experience the emotions of my students as they engage in activity that is very uncomfortable. Thank You very much.

01:18:49 Matthew Rosenberg: Yes! @Eugene

01:19:08 Matthew Rosenberg: Thanks @Kami

01:19:08 Delphine Stallworth: Thank you Awesome experience

01:19:09 Janice Novakowski: Thanks Matthew and Chris! Provocative session!

01:19:14 Chris Nho: Here's our contact info:

01:19:17 Chris Nho: Matt Rosenberg mrosenberg@cps.edu (@mrberg)

Chris Nho cnho@hightechhigh.org (@nhoskee)

01:19:24 Chonda Long: <https://www.nctm.org/change/>

01:19:26 Olga Kosheleva: Thank you!

01:19:35 Matthew Rosenberg: Thanks @Nancy. Good luck with your studies!

01:19:46 WARA SABON DOMINIKUS: THANKYOU

01:20:03 Cheryl Ann Doyle Barran: How was I supposed to get my picture onto desmos?

01:20:11 Matthew Rosenberg: Thanks @Sharon, we will be sharing out the resources so you can see what you missed

01:20:19 Chris Nho: @Cheryl, there's a plus sign, and you can "Add Image" after that

01:20:25 Matthew Rosenberg: @Cheryl, you can also tweet it out!

01:20:26 Aya Zvaigzne: Thank you enormously for reminding of the connection between our hearts and the hearts of all of our students and our community.

01:20:45 Chonda Long: <https://www.nctm.org/virtual/>

01:20:57 Faith Peddie: @Susana, the certificate will be emailed tomorrow!

01:21:39 Chonda Long: <https://www.nctm.org/virtual2020/>

01:21:44 Cindy Bryant: Thank you Matthew and Chris! Very POWERFUL session.

01:21:53 Matthew Rosenberg: @Deborah, sorry to hear that. You can just use pencil and paper

01:22:25 Cheryl Ann Doyle Barran: But how do I get the image from my phone to desmos on my computer?

01:22:42 Cheryl Ann Doyle Barran: do i send it to my email?

01:22:44 Chris Nho: @Cheryl, ah that's a good question! I emailed the photo to myself

01:22:52 Tanya Landry: I emailed too.

01:23:11 Cheryl Ann Doyle Barran: thank you very much I enjoyed your webinar.

01:23:30 Lance Brauchla: Thanks!

01:23:45 Maria Woehl: @Cheryl, you can airdrop from your phone to device

01:23:49 Betty Stallings: Thanks, I have already received my certificate