

00:05:25 Faith Peddie:  
[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/July8WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/July8WebinarHandout.pdf)

00:05:43 Faith Peddie:  
[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

00:11:18 Trevor Warburton:  
[https://docs.google.com/presentation/d/11nogV8UyCNsADKEREs8gqt21e3FGar1OQC\\_\\_4We8Tic/edit#slide=id.g8aa6a2f73c\\_0\\_169](https://docs.google.com/presentation/d/11nogV8UyCNsADKEREs8gqt21e3FGar1OQC__4We8Tic/edit#slide=id.g8aa6a2f73c_0_169)

00:21:39 Trena Wilkerson: Hello from Waco, TX!

00:21:44 harry holloway: hi from Va

00:21:48 Lelia-allison Tsui: Hi from NJ

00:21:48 Jim Buckley: Hi from Phoenix

00:21:50 Lorie Huff: Hello from Fayetteville, Arkansas

00:21:50 Viragni Chand: Hello, from california

00:21:51 Beth Kobett: Hello! Beth From Eldersrburg

00:21:51 Claire Lewis: Hi from Tulsa Ok!

00:21:52 Michele Becker: Michele from Denver

00:21:53 Michael Lanstrum: Hello from Cleveland, Ohio

00:21:53 Trish Harris: Hello from Troy, Alabama!

00:21:54 Kimberly Huggins: hi from TN!

00:21:55 RHONDA MAYO: hi from nc

00:21:55 Trevor Warburton: Trevor Warburton, Utah

00:21:56 Patricia Daugherty: Hello from San Francisco, CA

00:21:57 Sheila Kirton-Robbins: Hi from Nashville, NC

00:21:57 David Barnes: Hello all! From Northern Virginia!

00:21:58 Anupama Anand: hi from san jose,ca

00:21:58 Imelda Urdiales-Myers: hi from Maryland

00:21:59 Mercedes Ortiz: Cicero, Illinois

00:22:00 Kayla Burnett: Hello from Georgia

00:22:01 Lauren Bursh: Hi from Nashville

00:22:02 WARA SABON DOMINIKUS: hello from Indonesia

00:22:03 Kyndall Brown: Hi. Kyndall from LA

00:22:03 Gil Geeran Bangeles: Good morning from Manila, Philippines!

00:22:04 La Keisha Leonard: Hi from Dallas, TX!

00:22:04 Eniola Ajayi: Hello from Liberty, MO

00:22:04 Myrna Cabrerros: Good evening from Maryland

00:22:04 Emmanuela Johnson: Hi from Las Vegas.

00:22:05 Maral Aznavour: Texas

00:22:05 Susie Hakansson: Hi from Venice, CA

00:22:06 Vittorio Ciummo: Vittorio from Chicago

00:22:10 Karoulin Aljoris: hi Michigan

00:22:10 Elizabeth DeCarli: Hi from San Francisco, CA.

00:22:10 Jeanetta Glass: Hello from Memphis, TN

00:22:13 linda fulmore: Hello from AZ, dry heat today

00:22:13 Jorge Veloso: Hi from Angola.

00:22:14 Tina Hill: Howdy! Tri-Cities area of Northeast TN

00:22:14 Esperanza Dennis: Esperanza Dennis Dallas TX

00:22:15 Belen Zavala: greetings from Ecuador

00:22:17 Lotalinda Castro-Anderson: HELLO FROM PHILLY!!! :)

00:22:18 Mark Fili: Hi from Queens, NYC  
00:22:19 Regina Williams: Miami, Florida  
00:22:19 Barbara Griffin: Seattle WA  
00:22:21 Catherine Bronikowski: Hello from Milwaukee, WI  
00:22:21 Christina Tully: Hi from Las Vegas, NV!  
00:22:21 Noe Eugenio: Hi from Philippines!  
00:22:21 joan Silvestrini: Hello from Atlanta GA  
00:22:22 Saul Gonzalez: Hello from Bakersfield, CA. It is nice and warm here  
at 99F.  
00:22:22 Grant Baker: Elkridge, MD - close to B'more  
00:22:23 Chad Hale: humid in ohio  
00:22:25 Mary Truxaw: Hello from Storrs, CT  
00:22:26 MARGARET MARTIN: Long Beach, CA  
00:22:27 Lawanda Coats: Jonesboro, GA  
00:22:29 Zara Simpson: Laurel MD  
00:22:34 Michelle Hall: Hello from Philadelphia, PA!!  
00:22:40 Jawanda Williams: Greetings from maryland  
00:22:42 Aya Zvaigzne: Nashville TN wishes all the best to everyone  
00:22:48 Elizabeth Often: Hello from Lowell, MA  
00:22:48 LANY JAMERO: good morning from Philippines  
00:22:52 Nora Ramirez: Hi from Arizona  
00:22:53 Veronica Kwok: Hello from Queens, NYC  
00:23:00 Ankhjargal Gomboragchaa: hi  
00:23:09 Shashidhar Belbase: Hello from UAE  
00:23:14 Mohamed T: Greetings from Mohamed, CT  
00:23:42 ALEX QUYENVO: hi from Kokomo, Indiana, we finally have electricity  
back, I'm so happy ! The strong wind and rain was a little scary hihi...  
00:23:48 Lotalinda Castro-Anderson: Kumusta, Lany! Saan ka sa  
Pilipinas?  
00:23:54 Mary France Imperial: hello from Philippines  
00:23:58 Bryan Bagala: Hello from NY  
00:24:08 Lotalinda Castro-Anderson: Kumusta, Mary!  
00:24:09 Jeanne Simpson: Good evening from Decatur, Alabama  
00:24:10 Nora Marasigan: hello from Philippines  
00:24:10 Jim Buckley: more heat than dry in AZ  
00:24:15 Pedro Placido: Hello form Jackson Heights NYC  
00:24:18 Eduardo Enjambre: hi from maryland  
00:24:19 Tanya Landry: Hello from Baton Rouge!  
00:24:23 Nicolette Nalu: hello! AMTEA president and proud member of TODOS  
from ALABAMA!!  
00:24:29 Nuria Linares: hello from Denver CO  
00:24:33 Veronica Galbreath: Hi from Kingwood, TX  
00:24:36 peter zirnis: hi from canada  
00:24:37 Julia Messner: Hi from Edmond, OK  
00:24:46 Olga Kosheleva: Hello from El Paso, TX.  
00:24:51 Rolando II Delos Reyes: Good morning from Manila Philippines!  
00:24:52 Rosalie Macaspac: Hi everyone, from Philippines po  
00:24:55 Deborah Gemoets: Hello from Gloucester, VA  
00:24:56 Christine Rudakewycz: Hello from New York City!  
00:24:57 Pamela Liegl: hi from Streator, il

00:25:03 LeAnna Deveaux-Miller: GOOD EVENING ..FROM NEW PROVIDENCE, THE BAHAMAS

00:25:17 Esperanza Dennis: Go Purdue!

00:25:18 Daniel Irving: Hello from North Providence, RI!

00:25:30 beth nalker: Hi from Arlington, VA

00:25:35 Lesly Brown: Good evening from Tennessee and Lesly Brown.

00:25:42 morgan bronson: Hello from Colorado

00:25:53 Roxanna Sosa: Hola, de Los Angeles, CA.

00:26:00 Faith Peddie: Hi all! Enjoy tonight's session!

00:26:02 Sharon Laahs: Hello from Scottsdale AZ :-)

00:26:12 Jet Yeung: Hello Everyone--Jet from Henderson, Nevada

00:26:12 Judith Iguina: Gracias desde Los Angeles

00:26:32 hyejin park: Hi from VA

00:26:34 W Tad Johnston: HI from DC

00:26:36 Maria Woehl: Hi from San Diego, CA

00:26:38 Shannon Hammond: I am surprised by the different format-cool! I am from Worcester, Mass

00:26:45 Ginalyn: Good evening from Philippines

00:26:54 Susan Danskin: hi from Ithaca ny

00:26:55 J Andrews van Horne: Hello from Minneapolis

00:27:03 VIKAS SAXENA: Greetings from Vikas Saxena Jaipur India.

00:27:04 Randolph Chapman: Hello from NYC

00:27:24 NITIN MALVIYA: Hello Everyone from India

00:27:25 harry holloway: paying attention to body language

00:27:37 W Tad Johnston: sequence of explanations and questions there is time to let everyone think and frame

00:27:38 Zara Simpson: English / Spanish vocabulary with pictures

00:27:41 Grant Baker: students can exchange with anyone else in the language of their choosing

00:27:46 Trevor Warburton: When students don't express their ideas in the expected formal language of mathematics, it can be more difficult to recognize their ideas as mathematically valuable.

00:27:47 Elizabeth Often: I think of students working flexibly in L1 and L2 -- some students come to me with very good mathematics education but limited english

00:27:50 Jeanne Simpson: Lots of student discourse in English and their native language

00:27:50 Benjamin Blanco: Discussions in a math classroom - how are different ideas expressed? how are different ideas related to each other?

00:27:55 Veronica Kwok: Allowing students to express their ideas in their own language and surprising them if you know their language that they are speaking

00:27:58 harry holloway: multiple languages on the wall.

00:28:01 Trish Harris: Syntax shifts are echoed in mathematical syntax and process

00:28:01 Kyndall Brown: When students are able to engage in real-world problem solving that is related to their lives, they are more likely to engage in discourse

00:28:02 Beatriz Quintos: Promoting as much student discourse (including gestures, math language, multiple representations)

00:28:07 Nora Ramirez: Need to use everyday language to develop more formal

math language

00:28:08 Esperanza Dennis: I have a signal for mu ELL students to flag me when they want me to translate in Spanish and I teach all vocabulary in English and Spanish

00:28:09 Trevor Warburton: My conceptions mean that I need to check my understanding of what mathematical ideas sound like

00:28:10 harry holloway: designing projects that can be bilingual

00:28:10 Judy Radigan: Since I know a little Spanish and French I bring in some of the vocabulary into the lesson.

00:28:11 morgan bronson: classroom looks like multiple vocabulary translated and used by all students

00:28:12 Natalia Baker: I provide my students with visuals and texts in their native language.

00:28:13 Myrna Cabrerros: a good conception of the language means better learning and a productive dicourse

00:28:14 harry holloway: ask students

00:28:19 Mary Truxaw: If I see language as a meaning making tool then I am concerned about creating opportunities to make meaning

00:28:27 Julia Messner: Using Google Translate to assist students

00:28:28 Elizabeth Often: conversationsand connections between symbols and vocabulary, both formal and informal

00:28:28 Candice Smith: Hello from Statesville, NC

00:28:30 morgan bronson: sounds like students using multiple languages in the classroom

00:28:34 Zara Simpson: Students are able to talk, draw, gesture, communicate in whatever language is preferred

00:28:34 Sheila Kirton-Robbins: As a multilingual person I am aware of the issues of the issues students face.

00:28:36 Pamela Liegl: word walls in English and Spanish,

00:28:40 India Puch: India from SC

00:28:40 Trevor Warburton: Students should regularly and comfortably switch through the languages and dialects they are comfortable with.

00:28:41 Judy Radigan: One time I started teaching in French and did not realize it.

00:28:42 Rolando II Delos Reyes: There was a time that we translated math concepts into Filipino and it was fun but students found it difficult to understand

00:28:48 Grant Baker: encourage and support all languages, with the goal of learning English of Math

00:28:50 WARA SABON DOMINIKUS: express their ideas with their language

00:28:55 harry holloway: grammer is as important as vocabulary

00:29:05 Pamela Liegl: history of math in other cultures

00:29:08 harry holloway: What does translanguaging mean

00:29:10 MARGARET MARTIN: connecting math concepts to their real-life experiences

00:29:17 Pedro Placido: using language in context and content

00:29:19 Kyndall Brown: making connections to culture

00:29:25 harry holloway: ok clear now

00:29:30 Jorge Veloso: In the university where I work at, in most cases, students are bilingual, they speak Portuguese and Cokwe (an African Language)

00:29:40 Shashidhar Belbase: Language influences one's learning, especially, when learners' mother language and classroom language is different. I have observed such issues here in UAE when students speak Arabic at home but have to learn in English in schools/universities.

00:29:51 Trevor Warburton: When we only support students in developing language in one language we limit the tools than can use to make sense of mathematics.

00:29:56 Nadine Richards-Ramsey: Using storytelling to relate to bilingual students.

00:29:56 Imelda Urdiales-Myers: Having computers available to students at all times to help with translations.

00:30:36 Justin Klinger: Hello from IL

00:30:37 MARGARET MARTIN: can you provide the slides from today's presentation in a link? Thank you!

00:30:51 Zara Simpson: All the presentations are posted on NCTMs website the next day

00:30:54 Shashidhar Belbase: When students are given choice to use their langue of comfort, then obviously they communicate in a more effective way.

00:31:16 Roxanna Sosa: Mathematical Funds of Knowledge from the community!

00:31:21 Shannon Hammond: Translations aren't always helpful, especially with mathematical jargon. We have to carefully plan vocabulary development

00:31:34 Elizabeth Often: Good point, Shannon.

00:31:38 Justin Klinger: I just enrolled for this webinar, will i still get the certificate?

00:31:54 Elizabeth Often: And we want to consider how notation may look different in different educational systems

00:32:04 Zara Simpson: They said the certificate will be posted in this chat at the end and not emailed. so yes?

00:32:06 Faith Peddie: Hi Justin, you will still get a certificate! We will post a link at the end of the session

  

00:32:20 Justin Klinger: Thank You!

00:32:40 Faith Peddie: Here is a link to the transcript for the videos [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/July8WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/July8WebinarHandout.pdf)

00:34:20 Veronica Kwok: This is great!

00:34:37 Candice Smith: Awesome project!

00:35:02 harry holloway: 9 inch flower?

00:35:20 harry holloway: a dimeter no 9 inches is a big flower!

00:35:30 Shannon Hammond: I think he means the length of the flowers to make an arrangement

00:36:01 Trish Harris: I love it.

00:36:12 ALEX QUYENVO: wow, he works very hard ! great kid !!!

00:36:18 Esperanza Dennis: Yes, height of the flowers!

00:36:19 Veronica Kwok: I would love to do this with my students and they are high schoolers!

00:36:20 Roxanna Sosa: ¡Excelente Ramiro! Honoring and positioning his

fluid language practices and his community at the center of his learning has led to a positive mathematical identity.

00:36:55 ariel Ruffin: having kids do this makes so much sense!

00:37:15 harry holloway: I do not understand how the size of the base relevnet to the height of a flower?

00:37:35 harry holloway: break out rooms?

00:37:40 Shannon Hammond: Taller flowers go in the middle, and then get shorter toward the outsides

00:37:41 Elizabeth Often: harry, it is to make attractive, so the tallest needsto be in the middle

00:37:49 Elizabeth Often: so it does not hide the other flowers

00:38:09 Roxanna Sosa: Please broadcast the questions.

00:40:11 Chonda Long: If you aren't in a breakout room. Click on the breakout room tab and you can move to a room

00:40:55 Nuria Linares: can you get me into break room 8

00:47:43 Anne Ang: I'm sorry. I pressed the wrong key. I moved out of my group without planning to. Sigh...

00:48:10 Zara Simpson: much love to breakout group 7 :P

00:48:27 Shannon Hammond: It's a bummer that the transcript ends with his question- there was so much after that in the video!

00:48:31 Susan Danskin: Thanks for notetaking Zara. Can you present?

00:48:34 Trish Harris: Wow! Great convo, group 6!

00:48:47 Mohamed T: Wonderful Break out !

00:48:48 Zara Simpson: I can present Group 7

00:48:49 Myrna Cabrerros: Group 4 is Mr. Blanco

00:48:55 Benjamin Blanco: I can share - not sure how to raise my hand

00:49:08 harry holloway: I missed the translaguaging...

00:49:13 Patricia Daugherty: I can represent group 8

00:49:20 W Tad Johnston: Really liked the two languages one spoken and one written and switching between the two during the video

00:49:45 Zara Simpson: Translanguaging - more than just code-switching between English and Spanish; complex and interrelated communicative practice that makes up bilinguals linguistic repertoire

Using language, body, multimodal resources, tools, artifacts dynamically to make meaning

Reconceptualizes bilingualism as liberating and empowering communication practice

00:49:48 Zara Simpson: ^ what the slide said

00:50:08 Abigail Santiago: Thanks

00:50:10 Rita Modrzynski: Thank you, Zara! I missed this too

00:50:32 Myrna Cabrerros: Can I add to group 4

00:50:39 W Tad Johnston: With the assignment, was an audience specified or implicit?

00:50:48 Srdan Cvetkovic: So,it's obvious that Ramiro persevered regarding the math,but slipped a bit with his communication (e.g. confusing diameter and length of flower). The math is obviously the most important thing(i.e. understanding and knowing how to do the math). We should not penalize him or hold the language/explanation over his head. The more he communicates using English, the quicker he will acquire content language proficiency. It will come naturally.

00:50:55 Kyndall Brown: He did a good job of posing problems to solve.

00:51:27 Trish Harris: He sees maths as a series of patterns, which is so

powerful.

00:51:56 Srdan Cvetkovic: Absolutely! It's one of the standards for mathematical practice!

00:52:02 Craig Willey: audience was implicit

00:52:27 Nicolette Nalu: A language barrier was not an excuse to DO the mathematics! More than just code-switching and being part of the mathematics task! His funds of knowledge were amazing in DOING the math and his reasoning was awesome!! Owned his learning!

00:52:47 ALEX QUYENVO: my school has exchange students from all over the world and they are not all the time good at explaining what they are doing when solving math problems, but I was able to understand what they do most of the time because the language of math is universal, but I do encourage them to try to explain their thoughts most of the time, and kind of helping them along they way when they are trying to share their thoughts

00:52:58 Srdan Cvetkovic: Yes,ownership is crystal clear!

00:53:00 Rolando II Delos Reyes: His ability to communicate better with people with community. We were impressed how he was comfortable switching language while discussing math. We were wondering about how students may understand more written math than spoken math.

00:53:07 morgan bronson: yes! Cultural connection!

00:53:53 Nadine Richards-Ramsey: Ramiro used flowers as part of his cultural background. He used mathematical terms of diameter and inches, and displayed his data in a table. There was a thought process that he displayed.

00:53:55 Srdan Cvetkovic: Thanks for the shout out,Craig!

00:54:33 Nadine Richards-Ramsey: Great Job Group 3

00:54:59 Tyrone Martinez-Black: so I would be concerned if "perfection" is ever the goal - particularly in a languaging context - as people are constantly developing and negotiating the selection of words and expressions to communicate.

00:55:32 W Tad Johnston: Was Ramiro's video an exemplar for the group or representative of the group?

00:55:36 Zara Simpson: Can we possibly get the transcript for the second half even though it was in English?

00:55:54 morgan bronson: I shared in our group that some kids don't have the vocabulary in their home language so this helps build more connections in the brain and words to use by encouraging use of home language.

00:56:03 Faith Peddie: Thank you to the folks that shared in the chat and via audio/video!

00:56:58 harry holloway: IMP?

00:57:16 morgan bronson: integrated mathematics program

00:57:17 Zara Simpson: Interactive mathematics program

00:57:22 W Tad Johnston: INteractive Math Project - NSF curriculum of the late 90s

00:57:23 Craig Willey: thanks, tyrone! Exactly! I've seen a few others point out that SHOULD NOT be our prioritization

00:57:24 Srdan Cvetkovic: As they become more competent in the mathematics, the language will eventually fall into place. I have students who have immigrated from Mexico or China not knowing a word of English,and after two years of practice and exposure, they are confidently using appropriate math vocabulary!

00:57:25 harry holloway: thanks

00:57:25 Jeanne Simpson: IMP is Interactive Mathematics Program. It is a

proble-based curriculum

00:57:33 morgan bronson: oops, yes interactive.

00:57:44 Jeanne Simpson: \*problem-based

00:58:23 Veronica Kwok: When you mean IMP Year 4, is that saying that these students have been engaged in this problem-based curriculum for the previous 3 years?

00:58:33 Craig Willey: Tad, they were all very different. it is representative in the ways in which languages are used, but the only one, i think, that used diameter and a problem involving a pattern

00:58:40 morgan bronson: it is typically their sr year.

00:58:43 Elizabeth DeCarli: @Veronica, probably yes.

00:58:47 morgan bronson: or 4th year of HS math

00:58:52 ariel Ruffin: I've never heard of IMP. I'm gonna have to check this out

00:59:02 Nuria Linares: IMP is awesome !

00:59:04 morgan bronson: IMP is amazing!

00:59:16 Jeanne Simpson:

<http://activatelearning.com/interactive-mathematics-program-imp/>

00:59:41 Veronica Kwok: ^^Thanks!

00:59:44 Tanya Landry: I also need to check out imp

00:59:53 Veronica Kwok: I've been collecting resources from all these NCTM webinars

01:00:21 Tyrone Martinez-Black: is Alice a worm or something? Who grows at this rate per ounce?

01:00:29 Jeanne Simpson: Alice in Wonderland

01:00:43 Tyrone Martinez-Black: Jeanne!

01:01:01 Jeanne Simpson: Tyrone!

01:01:05 Zara Simpson: Alice in Wonderland - she eats things and grows at crazy rates haha

01:01:13 Nicolette Nalu: Hi Jeanne!

01:01:31 Jeanne Simpson: Hi Nicolette!

01:02:04 Veronica Kwok: I work in a portfolio based international high school (with majority Latinx population but also representative of over 50 different countries) so I'm trying to improve my curriculum development → I teach 9th/10th so they are very new to project/problem based learning and I've struggled with the implementation of these problems/projects.

01:02:09 Saul Gonzalez: We might need to give some information on who Alice is.

01:03:04 Veronica Kwok: ← THIS!!!

01:03:16 Beth Kobett: LOVE THIS!

01:04:00 Jeanne Simpson: I always find information that helps ALL students when I learn more about ELs! Thank you for the information on perseverance!!!

01:04:59 Veronica Kwok: OMG THIS MAKES ME THINK ABOUT MY STUDENTS <3

01:05:11 morgan bronson: love the restating in both English and Spanish

01:05:12 Elizabeth Often: Me too, Veronica!

01:05:21 Faith Peddie: Here is a link to the handout in case you need it for this video :-)

[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:05:24 Shannon Hammond: I have taught the Alice problems before, and



the context can be an obstacle. It requires help in visual setup with ELLs. However, changing the context to something more relevant in the same mathematical vein has been more fruitful for me- using data and air pollution for instance, or infectious disease

01:05:30 morgan bronson: @veronica! so missing my students!

01:05:34 Esperanza Dennis: Yep, I feel like i'm in my classroom

01:05:40 Chonda Long:

[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/July8WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/July8WebinarHandout.pdf)

01:05:46 Faith Peddie: Wrong link!

[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/July8WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/July8WebinarHandout.pdf)

01:05:47 Elizabeth Often: I had two students in the front row of my Geometry class who spoke a Portuguese/ Spanish mashup. Miss seeing them so much

01:10:16 Adam Perry: I had to leave and re-join. I'm supposed to be in breakout room 11 if that's possible to put me in there

01:10:48 Faith Peddie:

Got it Adam!

01:16:07 harry holloway: very interesting.

01:16:20 Natalia Baker: I think the girls dominant language for Math is English and their main social language is Spanish.

01:16:34 Esperanza Dennis: agree with Natalia

01:16:43 Veronica Galbreath: Social vs academic. Good observation.

01:16:46 Candice Smith: Yes I can see that @Natalie

01:16:53 Rita Modrzynski: Yes, @Natalie

01:17:03 Esperanza Dennis: They were successful in defining what it meant to double at the very least.

01:17:20 David Barnes: Great thoughts and ideas Room 10. Thanks for pushing my thinking.

01:17:25 W Tad Johnston: The meaning of doubling is really key here

01:17:30 Kyndall Brown: I saw much more reasoning being done in spanish.

01:17:31 Chonda Long: Here is the link to the certificate of participation. It will not be emailed to you:

01:17:40 Abigail Santiago: Love my room 10!!

01:17:41 Chonda Long: Oops. Not yet

01:17:44 Zara Simpson: @Natalia - 1. Hi, 2. I agree! Good point

01:18:02 Myra Absin: Excellent.

01:18:03 Sheila Kirton-Robbins: Caution: This example also shows the need to use stories that are culturally relevant. If you don't know about Alice, you will be stuck on trying to understand the story.

01:18:06 Zara Simpson: Room 7 are rockstars! it was fun to talk to you all :D

01:18:14 Jawanda Williams: I did not get the link

01:18:21 LeAnna Deveaux-Miller: WHERE IS THE LINK PLEASE

01:18:25 Kyndall Brown: @Sheila, I agree

01:18:25 Chris Hudson:

[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/July8WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/July8WebinarHandout.pdf)

01:18:28 Grant Baker: Good job, Natalia!

01:18:30 Sharon Black: where is the link for the certificate?

01:18:34 Chris Hudson: o  
01:18:40 Veronica Kwok:  
[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)  
01:18:52 Veronica Kwok: They posted it before by mistake haha  
01:19:03 RHONDA MAYO: lol  
01:19:05 Jorge Veloso: In the Room 9 we talked about several African languages in Angola. It is a multilingual very interesting language we, as researchers, should explore.  
01:19:10 Veronica Galbreath: Thank you so much, very informative!  
01:19:19 Faith Peddie: I accidently dropped the certificate in the chat earlier, so it looks like some of you saw that :-)  
01:19:23 Patricia Daugherty: Our group-The translanguaging allowed them to get the ideas out in every way - "a stream" to me sense of a situation. Flowing in and out, using different representations to amend their thoughts. It gave them permission to do the thinking and share without limitations of language.  
01:19:27 La Keisha Leonard: @Sheila: Yes!! I agree!  
01:19:31 Susan Danskin: We noticed that Ines did the least talking and the least switching. Interesting to now hear that she was the only student not born in the US so maybe less exposure to English than the other girls.  
01:19:32 Craig Willey: i need to be unmuted  
01:19:34 ALEX QUYENVO: thanks !  
01:19:39 Sharon Black: thank you so much  
01:19:40 Eduardo Enjambre: thank you so much.  
01:19:40 Grant Baker: ?donde esta?  
01:19:49 Regina Williams: Thank you!  
01:19:52 Mary France Imperial: Thank you so much  
01:19:52 Nora Marasigan: Thank you so much!  
01:20:05 Viragni Chand: Thank you  
01:20:06 Nadine Richards-Ramsey: Thank you so much for the great webinar!  
01:20:11 Pamela Liegl: Thanks for a presentation that is so very important as classrooms have such a great variety of student backgrounds.  
01:20:21 ariel Ruffin: this was very helpful  
01:20:26 LeAnna Deveaux-Miller: NEED THE LINK PLEASE  
01:20:31 Candice Smith: Our group Room 6 noticed the use of the English term "in and out table" in an otherwise completely Spanish sentence, that they probably learned that term in their English Math class and didn't have a term in Spanish for it.  
01:20:36 RHONDA MAYO: Loved the conversation :)  
01:20:42 Bob McDonald: Great job!!  
01:20:53 Shannon Hammond: I am so thankful for the format of this- rather than just being a webinar lecture- I feel the breakouts were thoughtfully implemented.  
01:21:03 Myrna Cabrerros: thank you to all the people I'm with in group 4. and thank you to all presenters.  
01:21:05 harry holloway: I am now starting to understand what Translanguaging is  
01:21:11 NITIN MALVIYA: So informative.  
01:21:13 LeAnna Deveaux-Miller: LINK PLEASE  
01:21:14 Elizabeth DeCarli: "creatively insubordinate!"

01:21:15 Candice Smith: I liked the breakouts too, being able to connect and share thoughts

01:21:20 Nadine Richards-Ramsey: Thanks to everyone in Group 3!

01:21:21 Veronica Galbreath: Love it!

01:21:25 Patricia Daugherty: Thank you all. Thank you group 8.

01:21:35 Tyrone Martinez-Black: Read that statement y'all

01:21:35 Elizabeth DeCarli: @Patty, hi!

01:21:39 Kyndall Brown: Very Important Craig!

01:21:39 RHONDA MAYO: Good to have meaningful conversations with all

01:21:42 Esperanza Dennis: Very thought provoking.. thank you very much!!!

01:21:45 Patricia Daugherty: Hi Elizabeth!

01:21:49 Zara Simpson: That was a cool presentation - thanks for holding it

01:21:57 Nell Thurlow: Thank you for the great presentation!

01:22:00 La Keisha Leonard: Craig: Yessss! \*clapping

01:22:04 fely pascua: thank you

01:22:07 Jessica Rogers: Great job sharing ways to keep groups interactive as we navigate new teaching styles

01:22:09 Tyrone Martinez-Black: We cannot read the TODOS statement and be unchanged.

01:22:10 Daniel Irving: Thank you for this incredible presentation!

01:22:12 Kyndall Brown: Thank you all!

01:22:15 Chonda Long: Here is the certificate of participation. It will not be emailed:  
[http://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:22:18 Abigail Santiago: BRAVO!!

01:22:23 Faith Peddie: Hi folks, here is the certificate of participation for tonight's session  
[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:22:24 ALEX QUYENVO: thanks, everyone ! this is great !

01:22:24 Maria Yazmin Gil Preciado: Thank you to all!

01:22:27 Elizabeth DeCarli: Thank you!!

01:22:28 Jet Yeung: Thank you for your resources --Thank you for making languages welcome in the classroom

01:22:28 Randolph Chapman: Thank ypu

01:22:28 Chonda Long: Here is the certificate of participation. It will not be emailed:  
[http://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:22:29 Victoria Negri: Thank you!

01:22:30 Nicolette Nalu: thank you!! great session!

01:22:32 Saul Gonzalez: Thank you for the awesome presentation! Really enjoyed my groups' insight.

01:22:37 Zara Simpson: It's full :(

01:22:38 Candice Smith: Thank you!

01:22:39 Jeanne Simpson: Great session!

01:22:41 morgan bronson: Thank you all!

01:22:42 Mary Truxaw: Thank you for this thoughtful presentation and for modeling interaction.

01:22:42 RHONDA MAYO: enjoy your evening :)

01:22:43 hoang nguyen: Thank you!

01:22:44 Michelle Hall: Thank you so much for the information provided. What a great session!

01:22:45 RHONDA MAYO: Bye

01:22:46 Esperanza Dennis: See you tomorrow!

01:22:48 Faith Peddie: Hi folks, here is the certificate of participation for tonight's session  
[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:22:50 harry holloway: thanks! Lots for my to think about and read up on

01:22:53 Faith Peddie: Hi folks, here is the certificate of participation for tonight's session  
[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:22:53 Justin Klinger: Thank you. I learned alot. This was more enjoyable than I thought.

01:22:55 Chonda Long: Here is the certificate of participation. It will not be emailed:  
[http://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:22:56 Maria Woehl: Thank you group 2!

01:22:57 Patricia Daugherty: Thanks for allowing interactivity.

01:22:57 Mercedes Ortiz: Thanks!

01:23:09 Evelyn Lugo: Thanks!

01:23:16 Chonda Long: Here is the certificate of participation. It will not be emailed:  
[http://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:23:19 Julia Messner: Thank you! I enjoyed the Break-out sessions!

01:23:21 Mary Truxaw: TODOS is an important organization!

01:23:26 Bob McDonald: A quick technical question what captioning service did you use?? Thanks

01:23:26 Rosalie Macaspac: Thank you so much

01:23:34 Chonda Long: Here is the certificate of participation. It will not be emailed:  
[http://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:23:37 LeAnna Deveaux-Miller: THANK YOU PRESENTERS...

01:23:37 Maria Woehl: The break out groups were a great idea!

01:23:45 Chonda Long: Google Slides allows for captioning

01:23:46 Rolando II Delos Reyes: Thank you so much TODOS and NCTM! Very engaging presentation! PH

01:23:51 VIKAS SAXENA: Wonderful!!!  
01:23:51 Trena Wilkerson: Great session and excellent opportunities to actively engage! Thank you Joseph, Hector, and Craig!  
01:23:54 harry holloway: thanks!  
01:23:58 Laxman Nepal: thank you so much  
01:24:04 Olga Kosheleva: Thank you.  
01:24:06 Emmanuela Johnson: Thank you very much.  
01:24:07 Roxanna Sosa: Gracias Profesores.  
01:24:10 Imelda Urdiales-Myers: thank you  
01:24:11 Chonda Long: Here is the certificate of participation. It will not be emailed:  
[http://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:24:13 Genesis Docena: where can see sign up for this Friday?  
01:24:16 Mohamed T: Thanks so much!  
01:24:17 Carolina Napp-Avelli: Thank you!  
01:24:21 Susan Danskin: Thank you. Enjoyed the breakout format and use of student examples.  
01:24:21 Lorie Huff: Thank you for a very helpful session.  
01:24:25 WARASABON DOMINIKUS: thanks for all panelists for your great sharing  
01:24:26 Ginalyn: thank you so much.....  
01:24:29 Jessica Rogers: Thank you!  
01:24:32 Veronica Kwok: Here is the link for the TODOS Friday webinar:  
[https://us02web.zoom.us/webinar/register/WN\\_pRGe9-DHR5GTikfKuQgIng](https://us02web.zoom.us/webinar/register/WN_pRGe9-DHR5GTikfKuQgIng)  
01:24:38 Gloria Carrasco: Thank you, enjoyed the interactive session  
01:24:39 Veronica Kwok: I just registered!  
01:24:43 Bryan Bagala: thank you  
01:24:46 Michele Becker: what is the discount code  
01:24:47 Eniola Ajayi: Thank you!  
01:24:50 Rita Modrzyński: Thank you! I feel like I am jumping off the diving board exploring translanguaging for the first time  
01:24:51 Norma Espana: Thank you so much!  
01:24:51 Elizabeth Often: Thank you!  
01:24:54 Adam Perry: Thank you!  
01:24:54 Christina Tully: Thanks!! :)  
01:24:55 Susie Hakansson: Thank you!  
01:24:57 Maria Yazmin Gil Preciado: Gracias  
01:24:57 Noe Eugenio: Thank you verymuch!!!  
01:24:59 Victoria Negri: Thank you everyone!  
01:25:03 Denise Juern: Thank you!!  
01:25:04 Shashidhar Belbase: Thank you for very nice session !  
01:25:12 Nuria Linares: Thank you! That was great!!  
01:25:12 Trena Wilkerson: Faith—can you mute me?  
01:25:13 Aya Zvaigzne: Thank you very much everyone !!!!  
01:25:19 Candice Smith: Thank you!  
01:25:22 Jorge Veloso: The breakouts were very good, we could express ourselves in better ways. Thank you.  
01:25:23 Natalia Baker: Thank you! Best PD this summer so far. Not kidding

:)

01:25:24 India Puch: thank you!

01:25:24 Ana Radeboldti: where is the link for the certificate

01:25:28 Nora Ramirez: It was good seeing you, Craig and Hector. Thank you to all 3 of you. Thanks for pushing for this format.

01:25:40 pamela Vodenik: Thank You

01:25:55 Chonda Long: Here is the certificate of participation. It will not be emailed:  
[http://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:25:59 Sheila Kirton-Robbins: Is the Todos conference free on Friday?

01:26:02 Chonda Long: Here is the certificate of participation. It will not be emailed:  
[http://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100DaysCertificate2020-07-08-16aky.pdf)

01:26:07 Trevor Warburton: Yes Friday is free!

01:26:11 Norma Espana: Will we have access to the presentation, perseverance handout, etc?

01:26:15 Trevor Warburton: Todos-math.org

01:26:16 NITIN MALVIYA: thank you

01:26:18 Judith Iguina: would this be available PDF? Thank you

01:26:24 Mohamed T: Break out- awesome