

00:34:26 MATthew Beyranevand: Good luck! Very excited to learn  
00:34:27 Michael Lanstrum: Hello from Cleveland, Ohio  
00:34:36 Wendy Kraft: Hi from Silverdale, WA  
00:34:38 Marissa Bay: Hi from Chicago, IL  
00:34:39 Philip Mojares: Somerton, Arizona  
00:34:39 Aya Zvaigzne: Greetings from Nashville, TN  
00:34:39 Beverly Krumpe: Hello from Paris, TX  
00:34:44 irene Batchelder: Hello from Elizabethton, TN  
00:34:44 Christine Noznesky: Charlotte, NC  
00:34:44 Cindie Rempel: Mesa, Az  
00:34:44 DawnMarie Gaghan: Hello from Long Island  
00:34:44 RACHEL FRAZER: Waddell, AZ says hello!  
00:34:45 Barbara Harvey: Pittsburgh Pa.  
00:34:46 Bina Kachwalla: Hi from NZ  
00:34:46 Cindy Luper: Hello from Arkansas  
00:34:47 Chrissy Newell: Hi from California!  
00:34:47 Mike Murphy: Quakertown, pa  
00:34:47 Juanita Thomas: Hello from Phoenix, AZ  
00:34:47 Monica Roland: Good evening from Savannah GA  
00:34:48 Haley Rauch: Hi from NYC!  
00:34:48 Rachel Freid: Hi Greene County, VA  
00:34:48 Caroline Maserang: Caroline Maserang from Belleville, IL  
00:34:48 Tricia Percival: Hello from Everett, WA!  
00:34:48 Trena Wilkerson: Hello from Waco, TX!  
00:34:48 Joyce Meier: Hello from Crystal Lake, IL  
00:34:49 Lorie Huff: Hello from Fayetteville, Arkansas  
00:34:49 Shauna Brown: Hi Brooklyn, Ny  
00:34:49 Vicki Roman: Hi from Worcester, MA  
00:34:49 Clarissa Rothe: Hello! Clarissa from San Bruno CA!  
00:34:49 Marian Dingle: Marian from Atlanta!  
00:34:49 Jenny Sagrillo: Hi from Milwaukee WI  
00:34:49 Christina Hall: Hi from Yuma, AZ  
00:34:50 Polly Kimminau: Tucson Arizona  
00:34:50 Pearl Hinlo: hello from CA  
00:34:51 Lynn Selking: Iowa!  
00:34:51 Mary Anne Opila: Hi, from Villanova, PA  
00:34:51 Laura Warrington: Hello from Reston, VA!  
00:34:51 Antoinette McLain: Buckeye Arizona  
00:34:51 Melissa Curran: Western Springs, IL  
00:34:51 Amy Tucker: From Wayne, Maine (home of the Maine Cabin Masters)  
00:34:51 Angela Tseng: Hello from Los Angeles, CA  
00:34:51 CYNTHIA PARROTT: Scarsdale, NY  
00:34:51 Courtney Brophy: Hi from Arlington, VA  
00:34:52 Elizabeth Fabian: Tok, Alaska  
00:34:52 Mark Vasicek: Ankeny, Iowa  
00:34:53 Gladys Montoya: Hello from Zoin, Il!  
00:34:53 Nannette Baker: Dublin, VA  
00:34:53 Sarah Heritage: Hi from San Jacinto, CA  
00:34:53 Nicki Gonias: Hi all, from Long Island, NY  
00:34:54 ReyceI Pacaanas: hi im from shiprock nm

00:34:54 Cindy Bryant: Greetings from Springfield, MO  
00:34:54 sandra silva: West Springfield,MA  
00:34:54 Margaret O'Connell: Hello from Indianapolis IN  
00:34:54 Sherry \*Bovey: Greetings from central Louisiana!  
00:34:55 Timothy Gongati: Houston,TX  
00:34:55 Jacques Ludman: New Hampshire, USA  
00:34:55 Andrew Witczak: Hi from Michigan  
00:34:55 Chastity Brewster: Mobile, AL  
00:34:55 Antoinette Nista: Antoinette Nista Westchester, NY  
00:34:56 Pamela Goodwin: Hi from Middlesex, NJ  
00:34:56 Esther Winikoff: Hello from Baltimore!  
00:34:56 Kathy Hybl: Fredericksburg, VA  
00:34:56 Chasity Bolch: Newton, NC  
00:34:56 Lori Krebs: Omaha, Nebraska  
00:34:57 Stephanie Priest: Seattle, WA  
00:34:57 Michelle Webb: Hi Nashville TN.  
00:34:57 Stephenia Courtney: Hello from Las Vegas, NV  
00:34:59 Kellie Whitford: Louisville, KY  
00:34:59 Mike Murphy: Hello everyone  
00:34:59 Lorraine Rodriguez: linden NJ  
00:34:59 Sharon Black-MacKinnon: Hello from NB, Canada  
00:34:59 kevin collins: Thomasville, GA  
00:34:59 Theresa Cook: hi from San Francisco  
00:34:59 Kaye Stacey: Good morning from Melbourne, Australia  
00:35:00 Erin Null: Hi from Folsom, CA  
00:35:01 Penina Kamina: Hi from Oneonta NY  
00:35:01 Carole Castonguay: Hi from Pittsfield Massachusetts!  
00:35:02 Addie Herbert: North Carolina  
00:35:02 Amanda Hooks: Hello from Lumber City, Ga  
00:35:02 Tess Wilson: Hello from Bardstown, Ky  
00:35:04 Betsy Smith: Betsy Smith from Greenville South Carolina  
00:35:04 Nancy Morrow: Woodbridge, VA  
00:35:04 J Garner: J Garner, Riverside, CA  
00:35:06 Elizabeth Ruiz: Hello from Gilbert, AZ  
00:35:06 David Dai: Happy Tuesday from Mobile, AL!  
00:35:07 Laurie Walker: Hello from Northampton, MA  
00:35:08 MENEKSE TOK: Hello from Chicago,IL  
00:35:08 Heather Ruiz: San Antonio, TX  
00:35:09 Amanda Mills: Hello from London, Ky!  
00:35:09 Cruz Flores Vazquez: Hello from West New York, NJ  
00:35:12 Penny Burr: Lanoka Harbor, NJ  
00:35:13 Deborah Farmer: Surf City NC  
00:35:14 Jet Yeung: Hello, Jet from Henderson, Nevada  
00:35:15 Drew Brammell: Georgetown, KY  
00:35:17 Mohamed Jamaludeen Thirapusa Mohaideen: Good evening! This is  
Mohamed  
00:35:17 David Nelson: Hello from Bridgeport, OH  
00:35:18 Nora Chase: Hello, from Scottsdale, Arizona  
00:35:19 Tim Bobay: Greetings from Wilson, NC  
00:35:22 Jorge Veloso: Hi from Angola.

00:35:22 Dave Hankin: Hello again from Globe, Arizona  
00:35:22 Archita Vaghasiya: Hello from Boston, MA  
00:35:25 Said Chatir: Hello from Plainfield, NJ  
00:35:28 Jessica Whitney: Hello from Penacook NH  
00:35:31 Roberta Ludwigsen-Hill: Hello from Alabama  
00:35:32 Lisa Owens: Hello from Cincinnati, Ohio.  
00:35:32 Shannon Kealoha: ALOHA from Maui, Hawaii  
00:35:33 John Bock: Winnipeg, Manitoba, Canada  
00:35:34 Jolene Peterson: Hello from Kansas!  
00:35:34 Andina Dwiyani Anwar: Good morning from Indonesia  
00:35:35 Marla Aehlert: Hi from Gold Canyon, Arizona  
00:35:35 Nely Ara-is: norfolk, va  
00:35:36 Jed Williams: Hi from Nantucket, MA  
00:35:36 Debra Odle: Hello from Mesa, AZ. 7th Grade Math.  
00:35:38 Lara Metcalf: Lara here from Atlanta GA!  
00:35:40 Cecilia Lopez: CA  
00:35:43 Necole Atkins-Dowd: Hello, from Las Vegas NV  
00:35:45 Catherine Anderson: Hi from Virginia  
00:35:45 C Robertson: reno  
00:35:46 Michael Chrzan: What up doe?! From Detroit!  
00:35:46 Ejay Oak: Hi, from nyc, ny  
00:35:48 Renee Catalano: Hello from 100 degree plus Arizona  
00:35:48 Michelle Yelaska: Hi From Chicago!  
00:35:51 Marian Dingle: Hi Lara!  
00:35:51 Alyssa Tomlinson: Los Angeles CA

00:35:59 Melissa Scroggins: Hello Melissa From Az :)  
00:36:00 Eva gomez: Hello from Phoenix, AZ  
00:36:04 Shannon Wall: Asheville, NC  
00:36:05 Jan Back: Hello, Jan Back from Hampton, Tennessee  
00:36:07 Yelena Berdichevsky: Hello from Brooklyn, NY  
00:36:07 Melissa Rumbaugh: Hi from Chicago, IL  
00:36:14 Daniel Irving: Hello from North Providence, RI.  
00:36:19 Jason Wright: Hello from Howland, Maine  
00:36:19 Prerana Sanghavi: Hello from Mumbai, India  
00:36:24 peter zirnis: hello from Toronto Canada  
00:36:24 Sharon Hunt: Hi from NC  
00:36:26 Faith Peddie: Hi everyone! Welcome :-)  
00:36:27 Sharon Laahs: Hi from Scottsdale, AZ  
00:36:28 Andrea Touhey: Hello! From Saint Paul, MN :)  
00:36:28 David Barnes: Hello all. We are muted right now and will open  
those up when it is time.  
00:36:34 Sophia Joseph: Good afternoon everyone  
00:36:38 Kristin Messenger: Hello from Las Vegas  
00:36:44 Kathleen Bulmer: Hi from Florence, KY  
00:36:46 Mary Catherine Roberts: Hello from Chandler, AZ  
00:36:49 Amy Cooper: Hello from Ohio  
00:36:51 Tim Bartlett: Lake Stevens, WA  
00:36:52 Skip Fennell: Hi from Westminster, MD  
00:36:54 Melissa Luzano: Hafa Adai! Representing Guam and California

00:37:01 Christina Puga: Hello from Dallas, TX  
 00:37:05 Cindy Starks: Hello from Martha's Vineyard, MA!  
 00:37:08 Elizabeth Chapman: hello from Raeford, NC  
 00:37:09 Dane Dwyer: Hello, from Wiscasset, Maine  
 00:37:10 Alfredo Mujica: Hello from Texas  
 00:37:16 Shannon White: Hello from Ontario, Canada  
 00:37:17 Laura Beth Snoop: hello from holland, mi!  
 00:37:19 Tamica Junious: Good evening everyone  
 00:37:28 Mary Johnson: Hi from Mary - Pensacola, FL.  
 00:37:29 Rey Enriquez: Hello from San Jose, California  
 00:37:29 Judith Noneman: Good afternoon from Chandler, Arizona  
 00:37:45 Jennie Brown: Hi from Montgomery, AL  
 00:37:46 Irni latifa Irsal: hello from Bengkulu (indonesia)  
 00:37:49 Dana Nelson: Hello from PA  
 00:38:06 Edward Beard: Buffalo NY STAND UP!!!!!!  
 00:38:10 Sharon Ling: Hi from NJ!  
 00:38:15 Ange Kendall: Hello from Lake Stevens!  
 00:38:20 Sara VanDerWerf: Hello from Minneapolis!  
 00:38:28 Beth Kobett: Hi! Beth from Baltimore1  
 00:38:37 Geraldine Montoya: Hello from Mesa Arizona  
 00:38:40 Beth Kobett: Close caption is great!  
 00:38:48 Denise Walston: hello from Chesapeake  
 00:38:57 LaTasha Collins: Hi from Richmond, Va.  
 00:39:04 Dana Nelson: Dana Nelson  
 00:39:10 Alyssa Tomlinson: Alyssa Tomlinson  
 00:39:14 Reyce Pacaan: Reyce Pacaan  
 00:39:16 Heather Ruiz: 7th grade math- Internet search!  
 00:39:16 Mark Vasicek: Mark E. Vasicek  
 00:39:17 lara elzroui: hello from Michigan  
 00:39:18 Shela Borrromeo: Shela from Bahrain  
 00:39:21 Shannon Wall: Shannon - 6th Grade EC Teacher - Internet  
 00:39:22 Aya Zvaigzne: net net net  
 00:39:22 Juanita Thomas: Search the internet  
 00:39:25 irene Batchelder: Algebra II teacher; Internet  
 00:39:25 Crystal Harris: Crystal Harris, Clarkston, WA  
 00:39:25 Sara VanDerWerf: Internet.  
 00:39:26 Cindy Starks: Internet!  
 00:39:27 Laura Beth Snoop: internet; high math to refugees  
 00:39:27 Kristopher Childs: Kris from Orlando  
 00:39:27 Laurie Rigg: Laurie Rigg from Hendersonville, NC - Teacher -  
 Internet search engines  
 00:39:27 Melissa Rumbaugh: Melissa, Chicago, Middle School Teacher, GPS  
 00:39:28 Judith Noneman: Access GPS for sure! I hike a lot in the mountains  
 00:39:28 Mike Murphy: Math, geometry teacher. Internet over GPS  
 00:39:28 Brittney Melnick: Internet!  
 00:39:29 Vicki Roman: internet  
 00:39:29 Esther Winikoff: gps  
 00:39:29 Pearl Hinlo: net  
 00:39:29 Skip Fennell: internet  
 00:39:30 Gladys Montoya: GPS

00:39:30 Christina Puga: Internet!

00:39:30 Tim Bartlett: Internet

00:39:30 Jeff Shih: Hi from Las Vegas. I want search engines

00:39:30 Elizabeth Chapman: 7th grade math, Lumberton, NC. I need GPS to  
not get lost

00:39:30 Wendy Kraft: Wendy, Math Teacher, WA, internet

00:39:31 kevin collins: internet

00:39:31 Rodrecus Hill: Net

00:39:31 Chrissy Newell: Chrissy Newell, Math Coordinator for a county office  
of Ed in California; search the internet, for surrrre!

00:39:31 Sharon Black-MacKinnon: Internet

00:39:31 Tianhong Ying: Math teacher, from New York. Internet search  
engines

00:39:31 Philip Mojares: Internet

00:39:31 Mark Vasicek: Mark Vasicek, Math Teacher, Ankeny, Iowa, Internet

00:39:32 Pavi Lakshminarayan: Pavi from New Jersey and I would like the  
internet!

00:39:32 Amanda Hooks: Internet

00:39:32 Penny Burr: Internet

00:39:32 RACHEL FRAZER: Rachel Frazer, Teacher, Waddell, AZ Internet

00:39:33 Chance Nalley: Chance Nalley

00:39:33 Sherry \*Bovey: Sherry, teacher, central Louisiana, and Internet.

00:39:33 Geraldine Montoya: GPS

00:39:33 Rachel Freid: Rachel, Middle School Math, VA Internet

00:39:33 CYNTHIA PARROTT: Internet!

00:39:33 bryant blackwell: Bryant Blackwell, math teacher, oxford,nc

00:39:34 DawnMarie Gaghan: Dawn Teacher in NYC. Internet

00:39:35 Archita Vaghasiya: Internet!

00:39:35 Renee Catalano: Renee Catalano, Achievement Advisor, Internet

00:39:35 Jacques Ludman: JJ Ludman, Special Ed math tutor, want to use  
internet

00:39:35 Cindie Rempel: Cindie Rempel, Fifth Grade Teacher, Mesa, Internet

00:39:35 Meg Natan: definitely gos

00:39:35 Richard Nakaoka: internet!

00:39:35 Nannette Baker: Nannette Baker Teacher (Alg1 and 6th) Dublin, VA  
and INTERNET

00:39:35 Sophia Stier: Sophia (LilMathGirl)

00:39:36 Alyssa Tomlinson: Alyssa Tomlinson, Math Teacher, Los Angeles,  
Internet

00:39:36 Lynn Selking: Lynn Selking, Math Consultant, Wapello, Iowa, Search  
Engine!

00:39:36 Shauna Brown: Internet will do as I'm good at navigating

00:39:36 Thea Darling: 7th Grade Math from Fall River, MA

00:39:36 James Overbey: Jim Overbey - math teacher - Scarsdale, NY

00:39:36 Chi-Man Ng: Chi-Man, teacher, teach in NYC, Internet over GPS

00:39:36 LaTasha Collins: La Tasha Collins from Richmond, va GPS

00:39:36 nathan lee: Nathan Lee, Secondary Math Specialist, Shoreline,  
Washington, I'd rather have internet search

00:39:36 Lara Metcalf: Internet

00:39:37 Elizabeth Ruiz: 8th grade math teacher for Higley and I would choose

the search engine

00:39:37 Anna Clarissa Regala: Hi, Anna, Math teacher from Goldsboro, INTERNET

00:39:37 Penina Kamina: both

00:39:37 Antoinette McLain: Antoinette McLain 7- 8- HS algebra buckey

00:39:37 Ange Kendall: GPS for sure! I love to get lost but at some point I need to just get there.

00:39:38 Nancy Morrow: Nancy Morrow, 8th Grade Math, Woodbridge, VA Net

00:39:38 sandra silva: have internet, go old school with a map

00:39:38 Andina Dwiyani Anwar: internet

00:39:38 Pamela Goodwin: Pamela Goodwin, Middle School Math Teacher, NJ, Internet

00:39:38 Kathy Hybl: Kathy AP Virginia GPS

00:39:39 Christina Hall: Christina, 6th grade math teacher, AZ, internet

00:39:39 Thea Darling: GPS

00:39:39 Stephenia Courtney: Search the Internet

00:39:39 Polly Kimminau: Polly Kimminau district math coordinator Tucson AZ GPS

00:39:39 Kevin Boyle: Hi, I'm Kevin, and I'm a Math Teacher in Newark, NJ.

00:39:39 Rita Shamrock: Rita from Senoia, GA

00:39:39 Olga Kosheleva: Internet

00:39:40 Bina Kachwalla: I am education consultant from Auckland NZ can I choose both?

00:39:40 Cecilia Lopez: net

00:39:40 Mary Anne Opila: internet

00:39:40 Kristin Messenger: internet

00:39:40 Aya Zvaigzne: maps and brains

00:39:40 Kellie Whitford: KWhitford; Math Teacher; KY; GPS

00:39:41 Kristin Reedal: Kristin - Math teacher - IL - Internet

00:39:41 Jet Yeung: Internet

00:39:41 Roberta Ludwigsen-Hill: Net

00:39:41 Cindy Bryant: Internet

00:39:41 Amy Keyser: Amy Keyser, high school math teacher from Gahanna, Ohio. I can read a map, so I need the internet.

00:39:41 Nicki Gonias: Internet

00:39:41 Sharon Ling: internet!

00:39:41 Jenny Sagrillo: Jenny from Milwaukee, teacher educator, Internet searches

00:39:41 Dana Nelson: Dana Nelson - Teacher - York Springs, PA - Internet

00:39:41 Michelle Yelaska: Internet!

00:39:41 Jacqueline Rice: Jacqueline Rice

00:39:42 lara elzroui: I'm 7th/8th grade math teacher

00:39:42 James Overbey: net

00:39:42 Antoinette McLain: without gps

00:39:42 Faith Peddie: Faith Peddie, Classroom Resources Manager with NCTM, Reston VA, INTERNET!

00:39:42 Sharon Hunt: Math teacher, NC, internet

00:39:42 Amanda Mills: Internet

00:39:42 MENEKSE TOK: GPS

00:39:43 Anna Kroon Sonnen: Anna Kroon Sonnen, 7th Grade Math, Windsor, CO. I'd prefer to have internet :-)

00:39:43 Sarah Heritage: Sarah Heritage, 7th grade science, San Jacinto, CA internet

00:39:43 Cruz Flores Vazquez: Cruz Flores, New incoming Secondary Mathematics teacher, WNY NJ and I'll use the search engines

00:39:43 Irni latifa Irsal: Irni Latifa Irsal, from Bengkulu (Indonesia)

00:39:43 Haley Rauch: Haley Rauch, HS Math teacher, NYC, GPS

00:39:43 Clarissa Rothe: Hi! Clarissa from San Bruno CA but I teach 7th grade Math in Daly City. Internet!!! :-)

00:39:43 Courtney Brophy: Courtney Brophy, Middle School Math Teacher, Internet

00:39:43 Chance Nalley: Chance Nalley, NYC, Internet

00:39:44 Carly J: Hi from MD, USA! Internet! Can we use paper maps?!

00:39:44 Rachel Hauser: Hi! Rachel, 7th grade math teacher from NY - Internet!

00:39:44 Yelena Berdichevsky: Yelena - teach in New York.

00:39:44 Sara VanDerWerf: I grew up with maps. I can survive with the internet and no gps

00:39:45 Shawn Middleton: Shawn Middleton, 8th grade math, Kennewick WA

00:39:45 Melissa Curran: Melissa- 7th & 8th Grade Math Teacher- Internet

00:39:45 Allisa Davis: internet

00:39:46 cynthia perez: hello from sixth grade teacher from New Mexico

00:39:46 Antoinette Nista: Antoinette from NY Internet

00:39:46 Tamica Junious: Tamica, Special Education Teacher, North Carolina, Internet

00:39:47 Amy Cooper: 6th grade Math Dayton Public

00:39:47 Helen Maurice: Helen from NJ Internet

00:39:48 Betsy Smith: 7/8th Middle School Christ Church Middle Greenville SC Internet

00:39:48 Hawley Agee: Hawley Agee senior at Clemson University preservice teacher! I'm in NC rn Internet!!

00:39:48 Carole Castonguay: net

00:39:49 Angie Espenson: Angie Espenson, ms teacher, Tucson, Az Internet

00:39:49 Margaret O'Connell: Margaret O'Connell, 7th grade Math teacher, Indianapolis, Internet over GPS - I am old an can read a map

00:39:49 Paulina Uresti: Hello from Yuma, Az. Internet.

00:39:49 Cindy Luper: Cindy, Math Facilitator K - 8, Arkansas, Internet!

00:39:50 Robert Seed: gps

00:39:50 Shannon Kealoha: Shannon Kealoha - 8th grade math teacher and dept. head - Maui....internet

00:39:50 Lisa Owens: Lisa Owens, 6th grade math classroom teacher, GPS! Cincinnati, Ohio

00:39:51 Reyce! Pacaan!as: reyce! pACAANAS-TEACHER-internet

00:39:51 Elizabeth Fabian: Liz Fabian, 6-12 math teacher, Tok, Alaska, GPS

00:39:51 Shawn Middleton: internet

00:39:52 Joyce Meier: 8th grade math teacher; Internet

00:39:52 Yelena Berdichevsky: Internet  
00:39:52 Jason Wright: Jason Wright, Howland, Maine Special Education  
Teacher Internet, given my age I've used it longer than I have GPS  
00:39:52 Chasity Bolch: 7th grade math/science in NC.... internet  
00:39:52 Rey Enriquez: Rey Enriquez from San Jose, California - Net  
00:39:53 Madison McKindley: 7th grade teacher, St. Louis, and internet  
00:39:53 Angela Tseng: Angela Tseng, Math Teacher & EdTech Coach, Los  
Angeles, CA, Internet (because you can still search up the direction and map. :D  
00:39:54 Kristen Guite: Hi this is Kristen, from Bangor, Maine. 7/8th grade  
- I love maps so I'm ok without GPS :o)  
00:39:55 Michael Chrzan: Master Teacher in Detroit, MI! 100% search engines  
00:39:55 Emma Jaquez: Internet  
00:39:57 Daniel Seif: Daniel Seif Bensalem PA Mathematics teacher in  
Delaware Co PA .... I dispatched ambulances for years I can read a map ... I want  
the internet  
00:39:57 Lori Krebs: Lori Krebs 6th grade math teacher, Omaha NE  
INTERNET--can use a map!!!  
00:39:57 Drew Brammell: Drew Brammell 9th Grade Algebra 1 Internet  
00:39:58 Yolanda Cunningham: Hello, Yolanda from Florida...Internet  
00:40:00 Beverly Krumpe: Beverly, Use internet, High school math  
00:40:00 Verita Mason-Frempong: Hello! Verita Mason-Frempong, Algebra 1,  
Maryland. I would prefer access to the internet.  
00:40:01 Farrah Burkhardt: Hi! Farrah from Elkhart, Indiana. 6th Grade  
Math & STEM teacher. ....internet  
00:40:02 Dave Hankin: Dave Hankin ... Globe, Arizona...definitely the  
internet.  
00:40:02 Kathleen Cullen: Kathleen, Math Intervention teacher, Rhode  
Island, internet search!  
00:40:02 Mary Catherine Roberts: Mary Catherine Roberts, 6th Grade Math,  
Chandler, AZ  
00:40:05 Carole Castonguay: 8th math  
00:40:06 Cynthia Harnew: Cyndi Harnew, 8th grade math teacher, West Chicago,  
IL - - internet  
00:40:06 Andrew Witczak: Andy Witczak, Math teacher, Grand Rapids MI,  
internet  
00:40:07 Jamie Castle: Middle School Math, Oklahoma  
00:40:07 Ginette Peralta Suarez: Hello! Ginette from Texas  
00:40:08 Theresa Cook: online math teacher with connections academy.  
access to the internet. I remember using foldable maps.  
00:40:08 Alfredo Mujica: Alfredo, Special Ed Teachers, San Antonio,Tx  
internet  
00:40:09 David Nelson: David, 7th and 8th math, Bridgeport, Ohio, internet  
00:40:10 Rosie Barnes: GPS  
00:40:11 J Garner: 8th Grade, Algebra and Cybersecurity Teacher,  
Riverside, CA  
00:40:11 Marla Aehlert: Marla, 7th Grade Math, Apache Junction, AZ, and  
definitely internet!  
00:40:13 Joce Masasi: hi from Omaha, access to the internet  
00:40:16 Beth Kobett: Love the norms!  
00:40:17 Prerana Sanghavi: Prerana Sanghavi



Mumbai, India

Internet search engines

00:40:17 Catherine Anderson: Hi, Catherine Anderson, Virginia Beach, Va.  
Math Teacher, internet.

00:40:17 Jennie Brown: Jennie Brown District Math Specialist, Internet

00:40:22 Ejay Oak: Eunjeong Ok, 7-12 math teacher, NYC, NY, internet

00:40:22 Veronica Ross: Internet

00:40:22 Juan Montanez: Juan Montanez, Oak Ridge High School, Internet.

00:40:23 Jacqueline Rice: Retired Mathematics Teacher

00:40:24 Amanda Mills: My name's Amanda Mills, I'm a pre-service teacher  
from KY.

00:40:27 Rosie Barnes: Killeen Texas, Rosie

00:40:29 Michael Lanstrum: Michael Lanstrum, Instructional Specialists  
(Mathematics), Cuyahoga Community College, Internet Search Engines

00:40:29 Daniel Irving: Daniel Irving; Middle and High School Math Teacher,  
Rhode Island. Internet.

00:40:42 Jacqueline Rice: Trussville, Alabama

00:40:44 Robert Seed: Hi everyone. Bob Seed, Assistant Principal, Clinton,  
MA

00:40:50 Cindy Bryant: Welcome pre-service teacher Amanda!

00:40:54 Richard Nakaoka: Richard Nakaoka, middle school, Redlands, CA

00:40:55 Nora Chase: Nora chase, 6th grade, Phoenix AZ internet

00:41:02 James Overbey: iPhone

00:41:05 Michelle Webb: Alexa

00:41:05 Shauna Brown: The smart phone and laptop

00:41:08 Tricia Percival: Alexa

00:41:08 Penny Burr: Alexa

00:41:09 Jolene Peterson: Alexa and Siri

00:41:09 Clarissa Rothe: Alexa

00:41:09 Lara Metcalf: Roomba

00:41:09 Emma Jaquez: GPS, SIRI, ALEXA

00:41:09 Cindie Rempel: Mobile phone

00:41:10 Pavi Lakshminarayan: Amazon,

00:41:10 Penina Kamina: cellphone

00:41:10 Hawley Agee: youtube

00:41:10 Marla Aehlert: Zoom!

00:41:10 Antoinette McLain: Google Classroom

00:41:11 Bina Kachwalla: Smart phone

00:41:11 Ryan Ramirez: Asana

00:41:11 Shannon Wall: GPS - Google Home

00:41:13 Andrew Witczak: Apple Watch

00:41:13 Mike Murphy: Thermostat - old school

00:41:13 Lynn Selking: Smart speaker

00:41:13 Archita Vaghasiya: Google home

00:41:14 Melissa Rumbaugh: Alexa

00:41:14 Daniel Seif: My wife is jealous of Alexa!

00:41:14 Mary Anne Opila: iphone

00:41:15 Antoinette McLain: zoom

00:41:15 Yelena Berdichevsky: airpods

00:41:15 Lisa Owens: gps

00:41:16 Philip Mojares: smart phone  
00:41:16 Olga Kosheleva: ALEKS software  
00:41:17 Antoinette McLain: internet  
00:41:17 Jenny Sagrillo: iPhone  
00:41:17 Amy Tucker: phone, Siri, Alexa, hey google, google  
00:41:17 Christina Hall: iPhone, Google Home  
00:41:18 Ange Kendall: iphone  
00:41:18 LaTasha Collins: Zoom  
00:41:18 Elizabeth Chapman: "Hey Google"  
00:41:18 Pavi Lakshminarayan: Internet of Things  
00:41:18 Denise Walston: siri  
00:41:18 Benjamin Schumacher: Desmos  
00:41:18 Hawley Agee: Apple music  
00:41:20 Sharon Hunt: iphone rumba  
00:41:20 Mark Vasicek: Google Classroom  
00:41:20 C Robertson: siri  
00:41:21 Tamica Junious: ipad  
00:41:21 Sharon Black-MacKinnon: Teams  
00:41:21 Shauna Brown: And OK google on my phone  
00:41:21 Pamela Goodwin: alexa  
00:41:21 Nancy Morrow: computer, cell phone, desmos  
00:41:22 Betsy Smith: Ixl  
00:41:22 kevin collins: coffee maker  
00:41:22 Rachel Freid: smartphone  
00:41:22 Mark Vasicek: Geogebra  
00:41:22 Carole Bamford: ipad  
00:41:23 irene Batchelder: iphone, laptop, zoom, internet  
00:41:24 Cindy Bryant: Ditto on all of those  
00:41:24 Antoinette McLain: Dreambox  
00:41:25 Tianhong Ying: When driving, using blue tooth allows us to give  
instructions hands free  
00:41:25 Bina Kachwalla: zoom, see saw  
00:41:25 Renee Catalano: iPhone, GPS, Google Classroom, airpods,  
00:41:26 Antoinette Nista: iPhone, iPad , Schoology  
00:41:26 Paulina Uresti: Iphone  
00:41:27 Courtney Brophy: Alexa, Iphone  
00:41:27 Antoinette McLain: MY PHONE  
00:41:27 Dave Hankin: GPS  
00:41:27 Shannon Wall: Smart Watch  
00:41:29 Denise Walston: iPhone  
00:41:30 Haley Rauch: apple music  
00:41:30 Judith Noneman: articles leveled by Newsela  
00:41:30 Skip Fennell: iPhone; iPad;  
00:41:30 Sharon Black-MacKinnon: laptop  
00:41:31 Philip Mojares: Siri  
00:41:31 Melissa Rumbaugh: Pearson Realize  
00:41:32 Kaye Stacey: search engines, automated telephone assistance,  
00:41:33 Mary Anne Opila: glad we have internet now  
00:41:33 Shawn Middleton: GC, smart phone  
00:41:33 Richard Nakaoka: Smartthings home automation

00:41:33 Reycel Pacaanas: smart phones and laptop or tablet  
00:41:34 Ange Kendall: speech-to-text  
00:41:34 Marla Aehlert: Tynker  
00:41:34 Rachel Freid: fitbit  
00:41:34 Sherry \*Bovey: I really don't use many.  
00:41:35 Nannette Baker: Smartphone, Classroom, Plickers,  
00:41:36 Mike Murphy: energy grid  
00:41:37 Renee Catalano: Nest  
00:41:38 C Robertson: Maps apps  
00:41:38 Heather Ruiz: siri  
00:41:40 Yolanda Cunningham: smart phone  
00:41:40 Angela Tseng: Automatic Translation (for ELL learners)  
00:41:42 Nancy Morrow: printer  
00:41:42 Allisa Davis: lab top  
00:41:43 Kristen Guite: Just started google classrooms and Assisments this  
year!  
00:41:44 Carole Bamford: smartboard  
00:41:44 Matt DAmico: google  
00:41:45 Lori Krebs: ihone, iPhone, laptop, smart watch  
00:41:45 Judith Noneman: sports articles and weather reports written by AI  
00:41:45 Penny Burr: Roomba  
00:41:46 Cindy Luper: Phone, Fitbit, Siri  
00:41:46 Rosie Barnes: Blink security  
00:41:47 Philip Mojares: Voice recognition  
00:41:47 Enkelejda Limani: fitbit  
00:41:48 Benjamin Schumacher: MobyMax  
00:41:48 Chrissy Newell: My Google heard you, Hilary and just answer! Lol!  
00:41:49 Pavi Lakshminarayan: Internet of Things  
00:41:50 Ejay Oak: Robot waiter  
00:41:51 Renee Catalano: Ring  
00:41:52 Kaye Stacey: face recognition on cameras  
00:41:57 Ejay Oak: In south korea  
00:42:00 Judith Noneman: Rewriting statistics  
00:42:13 Little: Google maps  
00:42:21 Veronica Ross: My Name is Veronica Ross and I teach 8th Grade Math  
00:42:21 Prerana Sanghavi: Google  
00:42:40 Nancy Morrow: waze  
00:43:10 Judith Noneman: modeling/predicting the future using current data  
00:43:22 Little: drones  
00:43:34 Marla Aehlert: Health apps to track heart rate, calories, etc  
00:43:48 Mike Murphy: ATM  
00:43:49 Jolene Peterson: Oh, yes! My "lane keeping" on my car.  
00:44:04 Pavi Lakshminarayan: Practically any devices/anything that is  
using/on Internet  
00:44:08 Cindie Rempel: even the newer cars, still need you, but can tell  
you're changing lanes.  
00:44:36 Judith Noneman: Scale down 3D "prints" to smaller size than original  
00:45:04 Philip Mojares: Does the machine really learn?  
00:46:05 Christina Hall: I love it! Helps with replying to parents and my  
principal!

00:47:12 Tim Bobay: Immediate feedback  
00:47:17 Antoinette McLain: that's interesting in math  
00:47:27 Sharon Black-MacKinnon: I love it!!  
00:47:43 Beth Kobett: Love this! WOW!  
00:47:50 Penina Kamina: yeah!  
00:47:54 Lori Krebs: Sounds great and effective.  
00:48:00 Mike Murphy: Heck yeah!  
00:48:02 Cindy Bryant: Wow!!!  
00:48:05 Alfredo Mujica: NO WAY!!  
00:48:06 Beth Kobett: I am ready!  
00:48:10 Kristin Messenger: Do tell!  
00:48:11 Sharon Black-MacKinnon: Cannot wait for this to become available  
00:48:17 Cindie Rempel: Hate grading! Would love it!  
00:48:17 Yolanda Cunningham: Sounds great!  
00:48:29 Emma Jaquez: Try 30 hrs a week saved.  
00:48:43 Renee Catalano: Sounds amazing!  
00:48:44 Said Chatir: The robots are coming.  
00:48:53 Kristin Messenger: Free? Yes!  
00:49:04 Cindy Starks: Yes, free!  
00:49:09 Amy Tucker: I used this many years ago, and I've tried it  
recently. Many changes. :)  
00:49:15 Cristina Cardone: I'm enjoying watching the captions. Google  
can't decide if you're saying assessment or assistance (both together google!)  
00:49:53 Mark Vasicek: In what ways is this different from Khan Academy?  
00:50:11 Cindy Starks: The teacher assigns the problems and can review them  
with everyone  
00:50:11 Chi-Man Ng: How is this different from iXL?  
00:50:13 Mark Vasicek: How much more work will it be for me to set up  
Assistments than some other platform?  
00:50:16 Nancy Morrow: Sounds a bit like IXL  
00:50:21 Cindy Starks: iXL is a curriculum - this is not  
00:50:45 Michael Chrzan: Does IXL give feedback on open-ended questions??  
00:50:53 Cindy Starks: Good question!  
00:50:54 Amy Tucker: I would not be in Chicago right now... So I'm happy  
that we are all able to attend!  
00:51:15 Allison Smith: no the proportion of the short side is  $\frac{1}{3}$  but the  
long side is  $\frac{1}{2}$   
00:51:20 Rachel Freid: no  
00:51:25 Reycel Pacaanas: no not proportional  
00:51:28 MENEKSE TOK: not proportional  
00:51:29 Dana Nelson: No, the sides aren't proportional  
00:51:29 Rachel Freid: one side is a  $\frac{1}{3}$  and the other is  $\frac{1}{2}$   
00:51:31 Elizabeth Ruiz: no  
00:51:31 Beverly Krumpe: no  
00:51:32 Sherry \*Bovey: Not proportional  
00:51:33 Sophia Stier: no  
00:51:34 Mary Anne Opila: no  
00:51:35 Clarissa Rothe: No  
00:51:35 Amy Cooper: No not proportional  
00:51:36 Pavi Lakshminarayan: no

00:51:36 nathan lee: no, sides are not proportional

00:51:37 Carole Bamford: no, not proportional

00:51:37 Caroline Maserang: no

00:51:37 Anna Clarissa Regala: no

00:51:38 Michelle Bourgeois: no

00:51:38 Benjamin Schumacher: No the width is 3 times as long whereas the length is not

00:51:38 Alfredo Mujica: I would say no

00:51:38 Courtney Brophy: no

00:51:39 Laurie Rigg: No, the side lengths are not proportional.

00:51:40 Elizabeth Chapman: no, both sides do not change proportionally

00:51:41 kevin collins: no

00:51:43 Rosie Barnes: no

00:51:44 Jocelyn Gabrinao: no

00:51:44 Stephen Caphton: no

00:51:44 Geraldine Montoya: not proportional

00:51:44 Mark Phipps: 2x6 and 6x12 so no

00:51:45 Michelle Yelaska: No

00:51:46 Amy Keyser: no, the side ratios do not match.

00:51:47 Ange Kendall: no

00:51:48 Richard Nakaoka: no

00:51:48 Anna Kroon Sonnen: no, one side of cake one is multiplied by 3 and the other is multiplied by 2.

00:51:48 Pamela Goodwin: no

00:51:50 Michelle Yelaska: The ratios of the sides aren't proportionally

00:51:50 Sharon Hunt: no

00:51:50 Nancy Morrow: no

00:51:50 irene Batchelder: nand the other 6 to 12o ... one is 2 to 6

00:51:50 Antoinette Nista: no sides are not proportional

00:51:51 Melissa Rumbaugh: No it is not proportional

00:51:51 Kellie Whitford: n0

00:51:52 Yolanda Cunningham: no

00:51:52 Ryan Ramirez: No they are not scale drawings as the two rectangles are not proportional and the number ratios are off

00:51:52 Paulina Uresti: Not proportional

00:51:52 Kathleen Cullen: no

00:51:53 Stephenia Courtney: no

00:51:54 Sharon Ling: no

00:51:54 Lisa Owens: No, not proportional

00:51:56 Chasity Bolch: no... length / 2 and height / 3

00:51:59 Philip Mojares: No, but they are similar and proportional

00:51:59 Tamica Junious: no

00:51:59 Mike Murphy: No. "lengths" were 2x, "widths" were not

00:52:00 Mary Johnson: no

00:52:02 Olga Kosheleva: no

00:52:04 DawnMarie Gaghan: no it's not proportional

00:52:05 Sharon Black-MacKinnon: 2x6 and 6 x 12

00:52:05 Jenny Sagrillo: no 6:12!=2:6

00:52:06 Chastity Brewster: no, not proportional

00:52:06 Margaret O'Connell: nope

00:52:06 Irni latifa Irsal: no

00:52:06 Emma Jaquez: 6/12 does not equal 2/6

00:52:08 Cruz Flores Vazquez: Not proportional;Do not share constant of proportionality

00:52:09 Noe Eugenio: No. the sides are not proportional

00:52:12 Samantha Bustos: length has been doubled and sides have been tripled

00:52:13 Andrew Witczak: No the shapes are not similar.

00:52:13 Judith Noneman: not scaled down equally by the number of boxes used

00:52:14 Mike Murphy: not similar

00:52:14 Carly J: No, length to width ratios are different

00:52:15 Lori Krebs: no

00:52:16 David Nelson: no, one side has a 1:3 ratio and the other is 1:2

00:52:16 Angie Espenson: No the ratios are not protortionate

00:52:16 Archita Vaghasiya: No, they are not proportional

00:52:17 Christina Puga: no, they are not proportional. Length/width ratios are different

00:52:18 Stephenia Courtney: non proportional

00:52:18 Prerana Sanghavi: no not proportional

00:52:18 Antoinette McLain: lengths are not proportional

00:52:19 Renee Catalano: Not proportional

00:52:19 Kaye Stacey: Not similar, one is about double the other,

00:52:31 Veronica Ross: No

00:52:32 Little: not proportional

00:52:55 Elizabeth Ruiz: only Google Classroom or can it also be used with Canvas?

00:53:06 Cindy Starks: Canvas coming in MAY 2020!

00:53:39 Elizabeth Ruiz: Yay! That's what my district uses currently so I'd like to use the same platform my students are already used to.

00:54:01 Sara Lynn Cannady: Sara Lynn Cannady from Sampson County NC

00:54:12 Pavi Lakshminarayan: How do you verify that the explanation they gave is right or not?

00:54:17 Emma Jaquez: I love the reasoning feature.

00:54:33 Little: Instant feedback!

00:54:50 Shauna Brown: Very timely feedback

00:55:14 Carly J: Loved the feedback report!

00:55:29 Pavi Lakshminarayan: Feedback is right or wrong but how about instant feedback about their explanation?

00:55:51 Little: How can the system serve as a benefit for Special Education Teachers and Students?

00:55:51 Cindy Starks: Yes, we will get to the open response grading soon...

00:55:57 Aya Zvaigzne: Can you show me which line is not straight?

00:56:14 Bina Kachwalla: How do you prove it?

00:56:43 Bina Kachwalla: can you explain to me with further detail?

00:56:44 Laurie Rigg: Student 1 - What do these ratios tell you about the scale drawings?

00:57:00 David Barnes: [bit.ly/FutureOfMath](https://bit.ly/FutureOfMath)

00:57:00 RACHEL FRAZER: Only objects that have straight edges can be scaled?

00:57:01 Rachel Freid: Student 4: Can you explain to me why you think that only lines that pass through the origin can be proportional

00:57:02 Cruz Flores Vazquez: Assuming student 1 has covered constant of proportionality, I can tell them that their answer can be clearer by defining their ratios by using the variable  $k$

00:57:11 Chastity Brewster: Explain what the 3 and 2 mean in your work.

00:57:14 Mayra Aversa: What about the line makes you determine that it is not straight?

00:57:14 Cindy Starks: The system can benefit any math teacher and students by giving students immediate feedback and letting teachers see the outcomes

00:57:15 Michelle Bourgeois: why do you think the objects aren't real

00:57:16 Betsy Smith: Student 4 - You are confusing scale drawings with direct variation.

00:57:19 Olga Kosheleva: Why having a straight line is important?

00:57:20 Cristina Cardone: <http://bit.ly/FutureOfMath>

00:57:23 David Barnes: [bit.ly/FutureOfMath](http://bit.ly/FutureOfMath)

00:57:29 Judith Noneman: the proportions could be used if you add one more row across the bottom of the smaller rectangle

00:57:33 Cristina Cardone: <http://bit.ly/FutureOfMath>

00:57:49 Jacques Ludman: #2 yes, proportional relationships can be represented by a straight line through the origin on a graph, but these pictures are of rectangles. Are the sides of the rectangles proportional?

00:57:56 Hilary Kreisberg: [bit.ly/FutureOfMath](http://bit.ly/FutureOfMath)

00:58:14 Mark Phipps: Do it automatically

00:58:30 Mark Phipps: Make it automatic David

00:58:42 Ryan Ramirez: The AI of Zoom failed

00:58:49 Chrissy Newell: Student 1: How does this help you know they are not scale drawings?

00:58:51 Pamela Goodwin: You need to see if the side lengths are proportional.

00:58:57 Angela Tseng: AI got overloaded

00:58:58 Anna Kroon Sonnen: Student 1: What do the ratios you wrote mean? How does the help you know that it's not to scale?

00:58:59 nathan lee: Student 1: great ideas, can you communicate your thinking using the math term, "proportional?"

Student 2: What doesn't have a straight line?

Student 3: What does a scale drawing mean?

Student 4: great ideas, what do you mean by "they"?

00:59:00 Chasity Bolch: Student 2.... be more specific about the lines. Remember on a graph the line must be straight for a proportional relationship, but does that really work when comparing shapes

00:59:02 David Barnes: I tried the automatic. Too many folks.

00:59:04 Mike Murphy: Student 4 - the origin  $(0, 0)$ . Can you tell me more about "straight lines" in an equation...

00:59:06 Amy Keyser: Student 2: I'm not sure what this means. Where does the straight line need to be?

00:59:06 Laura Beth Snoop: 1. I like the numbers here: what do they

represent? Tell me more!

00:59:06 Nora Chase: Student 2: Tell me more?

00:59:08 Michelle Yelaska: Student 2: What doesn't have a straight line? Does How does that prove that these are not scale drawings of each other?

00:59:08 Tamica Junious: Student 1: Could you provide more detail in your response?

00:59:09 Lara Metcalf: Student 4 - Can shapes that are not on a graph be proportional?

00:59:09 Ange Kendall: Student 2: Tell me more about your thinking when you say "it doesn't have a strait line"

00:59:09 Lisa Owens: Student 1 - great math evidence, please include a summary sentence

00:59:10 Margaret O'Connell: Student 2: What do you mean by real object?

00:59:12 Thea Darling: Student 4: That is true they don't start at 0,0 but what if you were to graph the side lengths of the two rectangles compared to each other

00:59:13 Samantha Bustos: Student 3: What is a real object? Why isn't this one?

00:59:15 Nancy Morrow: Student 3: What do you classify as a real object?

00:59:15 Melissa Rumbaugh: Student 2 what does a straight line indicate and what other feature does the graph need?

00:59:18 Clarissa Rothe: Student 1: Please tell me more about what the quotients represent in your answer.

00:59:18 Kaye Stacey: Student 1. Correct answer, but you have not explained what the numbers mean.

00:59:23 Angelica Johnson: Student 2: Tell me more

00:59:24 Jacques Ludman: #2 plot the lengths of the sides of the rectangle on a coordinate grid and see if that would create a straight line through the origin!

00:59:25 Caroline Maserang: Student 4--can you show me how these would look if they both started at the origin?

00:59:25 Renee Catalano: St.1, so what would you change to make them proportional?

00:59:27 Shauna Brown: Student 3 what is considered a real object?

00:59:28 Antoinette McLain: 4. ALL : can you explain your answers and strategy

00:59:29 Anna Kroon Sonnen: Student 2: I see straight lines in the drawing, can you be more specific?

00:59:29 Cindy Luper: Student 1 : What do your results tell you?

00:59:29 Jason Wright: Student 1 Why did you pair uo 6 with 2 and 12 with 6?

00:59:29 Kevin Boyle: Student 1: Your conclusion is correct, but please explain your answer in words?

00:59:30 DawnMarie Gaghan: 2- What do you mean by " Doesn't have a straight line?"

00:59:31 Jed Williams: Student 3: What do you mean "not a real object"?

00:59:31 Benjamin Schumacher: Student 4 - imagine a model of a house and the actual house. The house is built to the exact specifications of the model, but if you move the model around to different positions does that relationship change?

00:59:31 Rachel Hauser: #4 You are thinking about the constant of proportionality. What makes a scale drawing?



00:59:32 Yolanda Cunningham: Student 2 . What is a scale drawing

00:59:32 Sharon Black-MacKinnon: Student 1 Great work! How do these proportions help you to understand scale drawings?

00:59:32 Tara Schneider: Student 1 What do the ratios tell you?

00:59:35 Sharon Ling: Student 1: What do these numbers mean and what do they tell you?

00:59:36 Lori Krebs: S@2: Why is a straight line important to be proportional?

00:59:37 Christina Hall: Student 2: Can you explain what you mean by "doesn't have a straight line"?

00:59:38 Rodrecus Hill: Student 4- Go back and compare the lengths and widths of both shapes

00:59:38 Michelle Webb: Student 1. What do those numbers mean?

00:59:41 Michael Lanstrum: Student 3 - What makes an object real?

00:59:42 Jenny Sagrillo: S4: What does it mean to be a scale drawing?

00:59:43 David Dai: S1: Can you say more about how you know using your results?

00:59:43 Jason Wright: Student 2: What does it mean to be scale drawings?

00:59:44 Mary Anne Opila: 2 can you talk more about the straight line

00:59:44 Philip Mojares: Student 1: Prove your work by explaining through proportional relationships

00:59:45 Heather Ruiz: Student 3: the image gives you something to see. Reflect on what it means to be proportional. Are the images proportional

00:59:46 Antoinette Nista: Student 1 What more could you say about the scale factor.

00:59:46 Chi-Man Ng: Student #1: Can you clarify which dimensions these numbers respond to in the rectangle? How does the number 3 and number 2 help you decide whether the rectangle is proportional or not?

00:59:46 Michelle Bourgeois: student 4 is recalling characteristics of proportional relationships between x and y

00:59:53 Mark Phipps: Student 2: Where would your straight line need to be?

00:59:53 Archita Vaghasiya: Student 1: Can you explain what does these ratios mean?

00:59:56 Drew Brammell: Student 2: What do mean by "it doesn't have a straight line"?

00:59:56 Courtney Brophy: Student 1: Good use of using ratios. What do they tell you about scale drawings? Please explain your thinking.

00:59:59 Jason Wright: Student 3 What do you mean that it is not real?

01:00:00 irene Batchelder: Student 4: Do scale drawings have to begin at the origin of a graph? Can they be to scale even if they aren't starting at the same coordinates?

01:00:00 Jenny Sagrillo: S1: Can you explain what these numbers mean?

01:00:00 Ma Cecilia Francisco: student 1: justify your answer.

01:00:02 Sharon Hunt: Student 1 How do you know these are proportional?

01:00:07 Stephenia Courtney: Student 3- What is a real object vs. a non-real object?

01:00:08 Robert Seed: Student 3: can you explain what a proportional relationship is? Do objects have to be real to be proportional?

01:00:09 Nancy Morrow: Student 3: What would make them a real object?

01:00:09 Andrew Witczak: Student 2: What line isn't straight and how does that strengthen your argument?

01:00:09 Olga Kosheleva: Student 2: why having a straight line is important? What does it mean regarding proportional reasoning?

01:00:14 Caroline Maserang: Student 1- I like how you related it to division. What would make them proportional?

01:00:14 Angie Espenson: Student 4 - Do all scale drawings start at the origin?

01:00:15 Antoinette McLain: 4. what have you learned about  $(0,0)$  that makes you believe that we should in this case?

01:00:19 Emma Jaquez: S2, 3, 4: to determine if they're scale drawings, you must compare the ratio of sides, l/w to reflect the same simplified value.

01:00:19 Geraldine Montoya: Student 3: they are representations of the real object. How does it being real objects make it a scale drawing?

01:00:20 Carly J: Student 4 - Remind me what are the requirements of a scale drawing.

01:00:22 Ange Kendall: Student 4: Explain to me the importance of  $(0,0)$ . Why do they have to go through the point of origin in order to be a scale drawing?

01:00:24 Kaye Stacey: Student 2, Look at the rectangles; do they appear to be exactly the same shape but just different sizes?

01:00:27 Kathleen Cullen: Student 1: I love that you used the ratios, nice work! Why does that tell us that these are not scaled drawings?

01:00:27 Jenny Sagrillo: S2: Describe the line you're thinking about

01:00:28 Irni latifa Irsal: student 3 : why? tell me more about that.

01:00:28 bhoolaa: Student 2: The two objects need not to be connected by straight lines.

01:00:29 Reycel Pacaanas: S4: does determining scale drawings necessary to start from the origin?

01:00:29 MENEKSE TOK: student 2- What happens if there is straight line?

01:00:30 Jason Wright: Student 4: What are scale drawings? Do they need to start at the origin to meet the definition?

01:00:32 Antoinette McLain: 3. look at my model car compared to my real one

01:00:32 Sharon Black-MacKinnon: Student 3 Do scale drawings have to be real objects?

01:00:33 Judith Noneman: Do you see a pattern? How does the height in the larger rectangle relate to the smaller rectangle?

01:00:35 Cruz Flores Vazquez: Student 3- Although "real" and "imaginary" are some words that are used in mathematics, they do not exactly apply here support your answer

01:00:36 Daniel Seif: student3 why isn't a real object? What is it then?ilar we are looking for proportionality

01:00:37 Mark Phipps: Could you stretch the smaller rectangle on your phone to look the same? How would you do that?

01:00:43 Judith Noneman: :)

01:00:48 Penina Kamina: stud 3 - true they are not real objects but models. Consider comparing corresponding lengths

01:00:49 Helen Maurice: student 2. You seem to be confusing this problem with proportional relationship on a graph

01:00:51 Jenny Sagrillo: S3: Can drawings be scaled?

01:00:53 Chrissy Newell: This is making me think about how to create a playlist of comments/feedback that are specific enough to address content, but not so specific that you couldn't use them for more than one item.

01:00:54 Tim Bobay: Student #2: Help me to understand why that plays a part in being to scale?

01:01:03 Judith Noneman: D & C

01:01:04 Margaret O'Connell: Student 2: Who is your ELA teacher - strait isn't a word

01:01:18 Antoinette McLain: show my teddy bear and the mini matching bear and talk about how they are similiar

01:01:21 Stephenia Courtney: Student 1- Your calculations are correct but you explain your answers?

01:01:24 Marla Aehlert: Student 4: Your characteristics are correct when we are talking about a line on the graph. However we are looking at the polygons themselves, so we are comparing their sides. What can you tell me about polygons?

01:01:27 Chance Nalley: Student 1: Can you be more specific about what the number means. Student 2: What do you mean by it doesn't have a strait line? How does this relate to proportion? Can you relate this to a numerical value? Student 3: What is a real object? What does it mean for two objects to be proportional?

01:01:29 kevin collins: strait is a body of water

01:01:33 Angela Tseng: 1. Can you elaborate more with words to explain your math thinking?

2. What does not have a straight line? What do you mean by straight line? How is the straight line?

3. What are not real objects? Can you explain about the scale drawings and how you know they are scale drawing of each other?

4. Is starting at the origin important? Can you re-start both objects at the origin in order to find out whether they are scale drawing?

01:02:02 Renee Catalano: ST. 3 what do you mean about it not being a real object? Think of the rectangles of being the outline of a building.

01:02:04 Angela Tseng: Did we assume that the kids knew how to plot correctly?

01:02:10 Beth Kobett: I like the advancing thinking feedback!

01:04:04 Ryan Ramirez: Can any of the prefilled responses be edited?

01:04:30 Cindy Starks: Teachers can change the message after, but you can't pre-load them yet - great idea!

01:04:33 Nancy Morrow: Can you only override red scores?

01:04:37 Michael Chrzan: Yes, click it and then add to it in the Feedback column

01:04:55 Emma Jaquez: I really like that a teacher is able to override scores and to provide feedbacks.

01:05:03 Cindy Starks: Yes, all scores can be changed by teachers

01:05:29 Amy Tucker: I'm more likely to ask questions than to tell them how to do the problem.

01:05:49 Cindie Rempel: Amy, I am with you

01:05:51 Renee Catalano: Student 1 - teacher c. I am asking them to clarify their thinking.

01:06:00 Christina Puga: 1. Teacher C

01:06:04 Caroline Maserang: Student 1, Teacher C

01:06:05 Clarissa Rothe: Student 1 - C

01:06:05 Nannette Baker: student 4 Teacher C  
01:06:05 Anna Clarissa Regala: student 1 - C  
01:06:07 bholoaa: C  
01:06:08 Ryan Ramirez: Student 1: C,  
01:06:09 Sandhya Raman: Nice rubric....is this in the handout?  
01:06:10 paloma carrera: C  
01:06:11 Necole Atkins-Dowd: Student 1:C  
01:06:14 Cindy Bryant: I like the idea of personalizing.  
01:06:15 Cruz Flores Vazquez: Student 1) B  
01:06:18 Leslie Sorace: C  
01:06:18 Tamica Junious: Teacher C  
01:06:20 Philip Mojares: Student 1 - C  
01:06:24 Amanda Keith: I like the rubric  
01:06:25 Mark Phipps: <https://app.assistments.org/FA/v/376201?pf=329369>  
01:06:26 Nicki Gonias: c  
01:06:29 Rosie Barnes: Teacher C  
01:06:34 Little: The print is small. can I enlarge it?  
01:06:40 Andrew Witczak: Student 1 Teacher B  
01:06:42 Ma Cecilia Francisco: C  
01:06:51 Little: thanks  
01:07:01 Shauna Brown: Student 3 teacher a  
01:07:02 Nancy Morrow: Teacher A and some of Teacher C for Student 3  
01:07:11 Shannon Kealoha: My poll disappeared  
01:07:34 Ma Cecilia Francisco: I don't see the poll as well  
01:07:34 peter zirniz: when confused always pick C  
01:07:36 Shauna Brown: I can't submit my poll  
01:07:41 Ange Kendall: My poll disappeared and but when it was there, it would not keep my answers selected.  
01:07:51 Michelle Bourgeois: it won't let me click  
01:07:55 Thea Darling: My poll keep deselecting my responses  
01:08:00 Sharon Black-MacKinnon: I cannot get it to submit  
01:08:07 Marissa Bay: Same to both above  
01:08:13 Mayra Aversa: Mine is missing  
01:08:16 Cristina Cardone: yup, the poll seems to be refreshing? so I can't get all 4 selected in time to submit  
01:08:17 Chance Nalley: it just disappeared  
01:08:23 C Robertson: It disappeared  
01:08:23 Mark Vasicek: How do you do a poll on zoom?  
01:08:26 paloma carrera: it  
01:08:28 Ryan Ramirez: Student Reeemix  
01:08:30 Sarah Heritage: deselecting responses  
01:08:31 Laura Beth Snoop: mine deselects my answers too  
01:08:31 Cindie Rempel: Do I have to reenter my scores?  
01:08:34 Mark Phipps: Timer  
01:08:37 Marla Aehlert: I had submitted, but now it's back again.  
01:08:38 Angela Tseng: Is the poll timed?  
01:08:39 Bina Kachwalla: I call these feedbacks as "spay and walk away" allowing students tp ponder more  
01:08:42 Nannette Baker: it won't let me submit  
01:08:44 Robert Seed: Yes, deselecting responses.

01:08:53 Cindy Starks: Please resubmit your poll!  
01:09:04 Ange Kendall: It keeps deselecting my responses. Any ideas?  
01:09:16 Chance Nalley: Some of us are slow readers!  
01:09:16 Pamela Goodwin: The poll keeps deselecting my responses  
01:09:19 Michelle Bourgeois: my selection choice won't stay selected  
01:09:32 Melissa Rumbaugh: yes  
01:09:33 Heather Ruiz: yes  
01:09:33 paloma carrera: yes  
01:09:33 Cruz Flores Vazquez: Yep  
01:09:33 Bina Kachwalla: yes  
01:09:33 Mark Vasicek: yes  
01:09:33 Cindy Starks: Yes  
01:09:34 Carmen Luna-Robledo: yes  
01:09:34 Mark Phipps: I think the data looks like people like asking  
questions  
01:09:34 Emma Jaquez: Yes  
01:09:35 Cindy Bryant: Yes  
01:09:35 Mary Anne Opila: yes  
01:09:35 Stephenia Courtney: yes  
01:09:36 Little: yes  
01:09:36 Nicki Gonias: I can see the results  
01:09:36 Sharon Black-MacKinnon: yes  
01:09:36 Pamela Goodwin: yes  
01:09:37 Michelle Webb: I see it  
01:09:38 Marla Aehlert: I can see it  
01:09:39 Nancy Morrow: yes  
01:09:39 Daniel Irving: Yes.  
01:09:39 Jocelyn Gabrino: yes  
01:09:40 Lori Krebs: teacher c not only gives feedback, she pushes that  
student forward!  
01:09:40 LaTasha Collins: yes  
01:09:41 Ryan Ramirez: I can see clearly now the rain is gone  
01:09:43 peter zirnis: C wins again  
01:09:44 Carly J: I like when they also include some questions - they  
might spark a new line of thought for the student!  
01:09:46 kevin collins: to error is artificial intelligence  
01:09:50 Jet Yeung: I see it clearly  
01:10:01 Faith Peddie: @Kevin that is clever!  
01:10:39 Kelly Ward: I prefer to respond with questions.  
01:10:39 Lara Metcalf: Yes.. questions!  
01:10:45 Caroline Mitchell: The poll was rushed. How many people were  
really able to submit?  
01:10:51 Michael Chrzan: I think folks either are or are not assuming the  
level of the kid  
01:10:56 Chance Nalley: I didn't like either of those because it makes  
assumptions about what the student is thinking rather than asking.  
01:10:59 Amy Tucker: B seems to be a bit too helpful.  
01:11:01 kevin collins: thanks Faith. I can deliver some timely puns.  
01:11:01 Thea Darling: I don't like saying good or great because that's not  
helpful feedback

01:11:03 Mark Phipps: B doesn't elicit an additional thought /response  
01:11:06 Meg Natan: thought provoking questions  
01:11:09 Richard Nakaoka: Seems like B is telling, whereas C is  
thought provoking  
01:11:12 Michael Chrzan: If I know they're higher level, I'd go with Teacher  
B, but if not Teacher C  
01:11:24 Rachel Freid: WOW Student 4 is way different...  
01:11:29 Jason Wright: Can scroll  
01:11:32 Kelly Ward: I can scroll mine.  
01:11:33 Mark Vasicek: We can scroll the poll  
01:11:35 Nora Chase: We can scroll  
01:11:36 Shauna Brown: I closed my poll  
01:11:47 Emma Jaquez: We can scroll, but I cannot see the poll to compare  
01:11:49 Lisa Owens: Teacher B says, "Good," but doesn't state what is  
good.  
01:11:53 Shauna Brown: Accidentally  
01:11:55 Daniel Seif: b/c is about 85for both on student 1  
01:11:59 Angela Tseng: @ Shauna, Just click on poll button at the bottom  
again.  
01:12:00 Heather Ruiz: Is it possible that since someone mentioned select C  
it influenced us?  
01:12:11 Margaret O'Connell: did everyone select c for all of them?  
01:12:17 Ange Kendall: I am noticing that the participants were focusing  
more on guided redirection, where our group looks more at questions to get them to  
explain and think more on their own.  
01:12:24 peter zirnis: a robot told me  
01:12:27 Amy Tucker: Again, teacher A was "too helpful" here.  
01:12:27 Jed Williams: In the context of the Assistent platform, perhaps  
prompting students with a question doesn't make sense. Maybe if we were familiar  
with the platform we wouldn't be focused on prompting.  
01:12:29 Cindie Rempel: @Heather- it is possible, but I went for that  
because it was the least assumptive.  
01:12:33 Bina Kachwalla: I like students to clearly think and ponder  
01:12:36 paloma carrera: I feel like C is relatable  
01:12:37 Michael Chrzan: Upon reading Student 4 more closely I would like to  
change my vote to A lol  
01:12:37 Antoinette McLain: I didn't have time to get back to 3 and 4  
again because it was reset.  
01:12:37 Amy Keyser: I'm guessing this is an issue of your sample. I'm  
guessing your teachers are all middle school teachers (perhaps) but we are a more  
diverse group.  
01:12:48 Little: another question...  
01:12:54 Cruz Flores Vazquez: Teacher A doesn't allow any room for the  
student to reflect. Just finishes the response for the student  
01:13:08 Anna Kroon Sonnen: It seems like the participants in the study  
are more focused on giving specific feedback, and the people here are more focused  
in continuing the conversation.  
01:13:10 Lara Metcalf: The machine will learn but I also wonder if it could  
help to shape how teachers give feedback in general by which answers come up  
01:13:14 Dave Hankin: C mentions the origin, the others don't.

01:13:14 Bina Kachwalla: allow deeper thinking than just the answer  
01:13:26 Lori Krebs: I am a middle school teacher and I picked c for all as they are more thought provoking with the comment.  
01:13:28 Renee Catalano: This is fascinating  
01:13:29 Jeanetta Glass: I think our results are so different because a lot of us have recently attended other that address the various issues with each response.  
01:13:39 Caroline Maserang: We use Assistments now. Will it always be free?  
01:13:41 kevin collins: otherwords the answers become humanized over time.  
01:13:44 Veronica Ross: My selections were made to create higher order thinking for students.  
01:13:44 Sharon Black-MacKinnon: Some of the responses are too limiting  
01:13:45 Ryan Ramirez: So the system will allow to develop interrater reliability?  
01:13:50 Melissa Luzano: Response: Please provide a thoughtful response. Student: What does that even mean? That response doesn't seem to be helpful.  
01:13:52 Cindy Starks: Yes, it will ALWAYS BE FREE!  
01:13:59 Marla Aehlert: I don't like to give the answers to the kids, but ask them questions to guide them to figure out the answers themselves.  
01:14:00 Jacques Ludman: I think our group is better than the AI for now.  
01:14:07 Gladys Montoya: Where will ASSISTments be available?  
01:14:09 Renee Catalano: Have you studied the reactions from students on the different answer?  
01:14:15 Cindy Starks: WWW.ASSISTMENTS.ORG  
01:14:22 Dee Crescitelli: We like our advancing questions!  
01:14:32 Antoinette Nista: Good point Renee!  
01:14:32 Anna Kroon Sonnen: That makes sense if they're responding to their own students vs us responding to hypothetical students.  
01:14:32 Gladys Montoya: Thank you!  
01:14:33 Caroline Maserang: We used Assistments for our Cool Downs in the Open Up Resources.  
01:14:41 Thea Darling: I don't think teacher A is dealing with the misconception and the student wont be able to learn from their mistakes  
01:15:23 Gladys Montoya: I agree, we want to know whether they students actually understand the material, and will be able to continue on their own.  
01:15:34 Hawley Agee: I think it depends on what you are using ASSITments for in your classroom and that your feedback should reflect those goals for how you are using it  
01:15:35 Beth Kobett: I think it also connects to whether the feedback is feed forward or feedback  
01:15:50 Shannon Kealoha: I agree..if I am in class questions are good to ask students to get them thinking. But these questions seems to work better to be more specific since we aren't having a conversation with the student.  
01:16:13 Daniel Seif: I see this as a student who just wants to answer to answer ... its hard to give feedback if they are just filling in the blank to fill in the blank  
01:16:15 Alfredo Mujica: But wouldn't be based on the student's personality as well?

01:16:24 Christina Puga: I also have no idea what they are talking about with a straight line. This is not a topic I teach and I am too unfamiliar with the topic to understand the misconception.

01:16:25 Benjamin Schumacher: I chose C because I would want to write this but wouldn't want to spend the time if this student gave a less than thoughtful answer. The computer writing it for me took away that sense of time-wasting

01:16:32 Faith Peddie: @Beth, I haven't heard that phrasing before! That is a great connection.

01:16:33 Caroline Maserang: Questions are good in person, but online our students might need a more clarifying reason why their answer is incorrect.

01:16:45 Kelly Ward: I think I would have answered differently if I knew that it was the end of the conversation. I would give more information and ask less questions (I think).

01:16:45 Amanda Keith: Some students need different scaffolding.

01:16:47 Bina Kachwalla: Can AI replace real teacher feedback?

01:16:57 Irni latifa Irsal: teacher c

01:16:58 Cindy Starks: Not replace, enhance and help!

01:17:11 Emma Jaquez: Ms. Heffernan hit right on the dot. It's based on individual students and what the teacher has taught as well.

01:17:13 Caroline Maserang: Just like email responses, you can choose to use them or give your own.

01:17:15 Beth Kobett: This is an incredible opportunity to reflect on what we value in feedback and the role feedback has in our teaching... Really powerful

01:17:24 Jacques Ludman: I'm not sure if student #3 can parse the difficult response from Teacher C, even though it is the best response.

01:17:34 Marla Aehlert: As long as we can always edit the feedback, I think it's valuable.

01:17:34 Dee Crescitelli: Good point, Kelly!

01:17:40 Yolanda Cunningham: artificial intelligence and cultural diversity...That's a good one...how will that be addressed?

01:17:52 Cindy Starks: Yes, you can always edit the suggested feedback

01:17:55 Amanda Keith: I agree Marla A

01:18:15 Cindy Starks: We address cultural diversity with a diverse group of teachers and students

01:18:19 Christina Hall: I agree Cristina.

01:18:33 Jocelyn Gabrinao: I agree

01:18:43 Hawley Agee: Also artificial intelligence and learning styles, what if a student needs a visual in the feedback to help further their thinking, will AI get to that point of knowing when students need to see something?

01:18:46 Pavi Lakshminarayan: You need keep curating the feedback that teachers provide and that's how machine learns. Thinkster Math

01:19:07 Pavi Lakshminarayan: AI and ESL students

01:19:08 Emma Jaquez: Good point, Hawley Agee

01:19:26 Kaye Stacey: Does ASSISTMENT notice that 2 students in this class of 4 (50%) are confusing geometric similarity of shape with a graph of proportional variables.

01:19:28 Dave Hankin: The percentages for student 2 are incorrect; they add up to 108 percent....Why????

01:19:29 Trena Wilkerson: How about the connection to teacher's beliefs about assessment for example?



01:19:33 Kelly Ward: Could we put students in groups first (chipper, encouraging, tough love, etc)?

01:19:42 Emma Jaquez: How about languages and/or a translator feature?

01:19:45 Michael Chrzan: Instead of "yes or no"/"positive or negative" responses like emails it might be good to think of the dichotomy we're bringing up: feedback vs feedforward

01:19:51 Amanda Keith: Good idea Kelly

01:20:00 bholoaa: Can we customize our problems? and can we type mathematical texts (like using an equation editor)?

01:20:02 Nancy Morrow: What about differentiation in feedback?

01:20:05 Pavi Lakshminarayan: AI and ESL students

01:20:28 Cindy Starks: We do have a builder for those who want to build their own problems.

01:20:31 Michael Chrzan: Glad to hear that's a consideration, a lot of AI just builds in human biases

01:20:40 Cruz Flores Vazquez: I think the third point affects the response regarding to students personalities

01:20:40 Amy Tucker: Would comments I enter help the AI to improve? Would it add my comments or similar?

01:20:50 Daniel Seif: will it translate for incorrect spelling when the answer is basically correct

01:20:50 Kelly Ward: Having an AI reponse as a starter might help keep things in control when we've just about had it with Student A!

01:21:05 Cindie Rempel: Holy cow!

01:21:09 Mike Murphy: I'm in the matrix

01:21:21 Alfredo Mujica: @mike lol

01:22:08 Hawley Agee: I think one great takeaway is that teacher's may not recognize a point to give in their feedback and the AI might give us an idea to better our feedback too

01:22:25 Cindy Starks: Exactly - might stimulate an idea for a teacher

01:22:37 Lori Krebs: good point Hawley

01:22:44 Irni latifa Irsal: can we write math formula in that?

01:22:47 Emma Jaquez: Hawley Agee, again, agreed.

01:23:14 Sharon Black-MacKinnon: Yes Hawley!!

01:23:18 Michelle Bourgeois: agreed

01:23:26 Pavi Lakshminarayan: You might want to check Thinkster Math

01:23:32 Kelly Ward: The best answers are usually the ones that don't get great feedback. AI could handle that and give teachers more time for others.

01:23:41 Antoinette McLain: how about language?

01:23:59 Antoinette McLain: different languages for non English speakers?

01:24:02 Shannon White: I do hope the teachers who are inputting possible feedback comments have had specific professional development on providing effective and constructive feedback. Some of the feedback we give as teachers wouldn't be considered "ideal" pedagogy. So the teachers who are working on this would need to be very "feedback saavy."

01:24:20 Michael Chrzan: Yes Shannon!

01:24:23 Cindy Starks: That is why Lesley is hlpeing!

01:24:29 Brittney Melnick: ^^ Very agreed

01:25:29 Caroline Mitchell: Thank you for your hard work, Hosts.

01:26:08 Melissa Luzano: I apologize if this was answered earlier, but can you share the program you are using for the closed captioning?

01:26:08 Caroline Maserang: We really like Assisments. Our students are still getting used to it, but I'm sure we will use it a lot more next year.

01:26:20 Nicki Gonias: I think it depends on the assignment. If you are allowing for students to redo or provide a time to revise the assignment than a question is great. But if you are just giving feedback with no real follow up - should be a statement.

01:26:22 Trena Wilkerson: Thank you Hilary and Cristina! Interesting!

01:26:24 Jocelyn Gabrinao: Thank you!

01:26:25 Mike Murphy: Looks cool. Appreciated. Ready to use in Canvas

01:26:27 Cindy Starks: Closed c captioning is zoom

01:26:28 Sandhya Raman: Thank you!

01:26:28 Carly Jardinier: So cool! Thank you so much for this presentation!

01:26:29 David Barnes: Certificate is available at [www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf)

01:26:32 Christina Hall: Thank you so much! So excited about this!

01:26:34 Sharon Hunt: Thank you

01:26:38 Kelly Ward: Wow! A mind expanding webinar! Thank you!

01:26:40 Marla Aehlert: I will look into it for sure! Thank you for this!

01:26:41 Lynn Selking: Thank you!

01:26:42 Ejay Oak: Thank you for all

01:26:44 DawnMarie Gaghan: This is really amazing, thank you so much!

01:26:45 Shannon Kealoha: Thank you

01:26:45 Ange Kendall: Thank you so much!

01:26:45 Caroline Mitchell: Any other platforms besides Twitter or FB? I'm not a fan of either.

01:26:48 Geraldine Montoya: Thank you so much.

01:26:48 Faith Peddie: There are two options for capturing closed captioning: Zoom has the feature itself, and PowerPoint has the closed captioning feature embedded within it as well

01:26:48 Anna Clarissa Regala: Thank you

01:26:49 Katie Bailey: Thanks

01:26:50 Rossini Ortega: thank you very much

01:26:50 Taejon Owens: Thank you

01:26:56 Jason Wright: Thank you for a thoughtful session.

01:26:57 Anna Kroon Sonnen: I'm very interested in this! Thank you so much for your time!

01:26:58 DawnMarie Gaghan: REally made me think about my feedback

01:26:59 Mayra Aversa: Thank You!!!

01:26:59 Faith Peddie: Certificate is available at [www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf)

01:27:03 Cindy Bryant: Thank you! Interesting session!

01:27:09 Emma Jaquez: I'm looking forward to the opportunity to use this program soon.

01:27:17 Ma Cecilia Francisco: Thank you..

01:27:19 Leslie Sorace: I am very interested in this!

01:27:19           hoang nguyen:    thank you!  
01:27:26           Leslie Sorace:    Thank you!  
01:27:36           Roberta Ludwigsen-Hill: Thank you!  
01:27:36           Gladys Montoya:  Thankyou!!  
01:27:41           Marissa Bay:     Will the PD certificate also be emailed to us?  
01:27:47           Cindy Starks:    www.assistments.org  
01:27:49           Candace Pasquale:        thank you!!  
01:27:49           Jet Yeung:        thank you for your information.  Will try and use  
toward  
01:27:50           Laura Beth Snoop:        I teach English Language Learners... Have  
you thought of making student-reading language options? so I can choose in English  
but they can read in spanish/french/etc.  
01:27:51           Michelle Bourgeois:     is this how standardized tests will be or  
are being scored  
01:27:52           Taejon Owens:     link certificate  
01:27:55           Mark Phipps:     https://app.assistments.org/  
01:27:59           Faith Peddie:     Please note that the certificate will not be mailed  
tonight because this was a Zoom meeting. Certificate is available at  
www.nctm.org/uploadedFiles/Conferences\_and\_Professional\_Development/Webinars\_and\_Web  
casts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf  
01:28:00           Beth Kobett:     Very interesting!  Thanks so much for sharing and  
engaging us in thinking about how AI can support teaching and learning!  
01:28:03           Von Mumpfield:    thank you  
01:28:06           Ryan Ramirez:     Someone asked this earlier, how does this differ  
from Khan Academy, IXL and ALEKS?  
01:28:10           Pamela Liegl:    Thank you for an interesting look into the current  
and future AI.  
01:28:18           David Barnes:     Certificate is available at  
https://www.nctm.org/uploadedFiles/Conferences\_and\_Professional\_Development/Webinars  
\_and\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf  
01:28:22           Faith Peddie:     I like where this AI is going!!!!  
01:28:28           Cindy Starks:     ASSISTments is teacher driven and Khan, IXL, etc are  
student driven  
01:28:31           David Barnes:     Certificate is available at  
https://www.nctm.org/uploadedFiles/Conferences\_and\_Professional\_Development/Webinars  
\_and\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf  
01:28:32           Faith Peddie:     Please note that the certificate will not be mailed  
tonight because this was a Zoom meeting. Certificate is available at  
www.nctm.org/uploadedFiles/Conferences\_and\_Professional\_Development/Webinars\_and\_Web  
casts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf  
01:29:03           Caroline Maserang:        When will the AI be rolled out to all users?  
01:29:17           Cindy Starks:     We hope in the next school year!  
01:29:27           Michael Chrzan:    Question that got lost: Any translation ability?  
Where a teacher chose feedback in English but the student can read it in another  
language (e.g. Spanish)?  
01:30:01           Aya Zvaigzne:     THANK YOU  
01:30:09           Kelly Ward:        openstax from Rice  
01:30:15           Barbara Harvey:    Thank you so much  
01:30:15           Nora Chase:        Thank you, interesting, and it will be free, even  
better.

01:30:22 Caroline Mitchell: Fabulous. I use Utah Middle School Math Project.

01:30:22 Kelly Ward: Do you include OpenStax resources from Rice U?

01:30:30 Cindy Starks: Our platform is compatible with the Google Translate add-on in Google Chrome. At this time, this is the only way that our materials can be modified for non-English speaking students. Hope this helps!

01:30:33 David Barnes: Please note that the certificate will not be mailed tonight because this was a Zoom meeting. Certificate is available at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf)

01:31:10 Cindy Starks: I don't know OpenStax - is that a curriculum?

01:31:17 Caroline Maserang: I also like that we can choose which questions to use. You don't have to use all of the questions.

01:31:37 Kelly Ward: OpenStax is a set of open resources.

01:31:48 Cindy Starks: I will put that on our content list!

01:32:30 Kelly Ward: @Cindy Starks: openstax.org

01:32:30 Anna Kroon Sonnen: Can you type Math into the box?

01:33:17 Mike Murphy: Can this software read handwriting and then do it's thing with responding?

01:33:41 Ryan Ramirez: Or will it convert handwriting to text?

01:33:50 Cindie Rempel: Thank you for this opportunity. Stay healthy. I look forward to the opportunity to use this!

01:33:53 Cindy Starks: Handwriting, no, but a great future concept!

01:33:55 Mary Anne Opila: Thank you!

01:34:02 Faith Peddie: Please note that the certificate will not be emailed tonight because this was a Zoom meeting. Certificate is available at [www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf](http://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf)

01:34:03 bholoaa: Can student submit scanned copy of handwritten works?

01:34:07 Kelly Ward: Insert pictures?

01:34:13 Marla Aehlert: For me, I pick one of the auto-generated responses, and then tweak it to match what I want to actually say. It does save some typing time.

01:34:16 Cindy Starks: Yes, pictures can be uploaded!

01:34:25 Pavi Lakshminarayan: Do you have plans to tie this feedback towards personalizing the assignments for students?

01:34:27 Amanda Hooks: Thanks!!

01:34:28 Cindy Starks: Yes, insert pictures & videos!

01:34:54 Mark Vasicek: That is a great feature!

01:35:00 Jennifer Woods: Can the program generate feedback and/or questions based upon a student's response?

01:35:20 David Barnes: Please note that the certificate will not be mailed tonight because this was a Zoom meeting. Certificate is available at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf)

01:35:22 Irni latifa Irsal: how about language? can we change it?

01:35:30 Jennifer Woods: Great!

01:35:31 Michael Chrzan: Thank you ladies! Excited for the possibilities of the AI. Definitely a tough challenge to create for teaching because it so much

depends on the questions we even ask! Best of luck!

01:35:35 Cindy Starks: Currently only available in English

01:35:43 Barbara Harvey: We turn our certificates into our school.

01:35:46 Sara VanDerWerf: Thank you everyone!

01:36:01 Elizabeth Chapman: this sounds so awesome!!!

01:36:05 irene Batchelder: Thank you ladies.

01:36:06 peter zirnis: thank all of you keep safe

01:36:09 Cindy Starks: [www.assistments.org](http://www.assistments.org)

01:36:12 Chasity Bolch: 2.0 is coming to Canvas in March? Did I see/hear that somewhere?

01:36:12 Shauna Brown: Where I see the certificate

01:36:16 Emma Jaquez: [Assistments.org](http://Assistments.org)

01:36:17 Nora Chase: You will get a link tomorrow for your certificate.

01:36:19 Cindy Starks: Canvas in MAY!

01:36:20 paloma carrera: thank you

01:36:22 Irni latifa Irsal: thank u

01:36:23 Stephenia Courtney: Thank You!

01:36:24 Shannon White: Thank you!

01:36:29 Carole Castonguay: thanks

01:36:30 Sophia Joseph: Thank you very much

01:36:30 Pamela Goodwin: thank you!

01:36:32 Kathleen Cullen: Thank you!

01:36:34 Laura Beth Snoop: thanks!

01:36:35 Melissa Rumbaugh: Thanks so much!

01:36:37 Amanda Keith: Thank you

01:36:37 Carly Jardinier: Thank you!

01:36:37 Sharon Ling: Thank you!

01:36:38 Carole Bamford: Thank you!

01:36:38 Jacques Ludman: Thanks!

01:36:39 Nancy Morrow: Thank you

01:36:39 Sherry \*Bovey: Thank you so much!

01:36:49 Joyce Meier: Thanks!

01:36:49 Wahyuni H.Mailili,S.Pd,M.Pd: thank you

01:36:50 Daniel Irving: Thank you for this incredible presentation and resource!

01:36:50 Tamica Junious: Thank you

01:36:52 Catherine Anderson: Thank you so much! This was fantastic!!

01:36:52 Ma Cecilia Francisco: thank you!

01:36:53 Jet Yeung: this was so interesting.

01:36:57 Marla Aehlert: Thanks y'all!

01:36:58 Kaye Stacey: thank you - very good

01:36:59 peter zirnis: see you tomorrow sleep well

01:36:59 Emma Jaquez: Thank you!

01:37:01 Tracie Skok: Tracie Skok - please send me the info

01:37:04 Beverly Krump: Hope everyone has a good evening and stay safe.

01:37:05 Fe Malobago: Thank you!

01:37:06 Jennifer Woods: Thank you!

01:37:06 Vicki Roman: Thank you!

01:37:10 Brittney Melnick: This was awesome – will definitely be checking out the website and its resources more thoroughly over the summer to use

next year!!!

01:37:14 Dave Hankin: Please look into the percentage errors.... on student 2 example. It should be 100% total, not 108%.

01:37:15 David Barnes: Please note that the certificate will not be mailed tonight because this was a Zoom meeting. Certificate is available at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf)

01:37:21 Meg Natan: thank you so much!

01:37:21 Irni latifa Irsal: awesome seminar, i want to joint every day. thank you

01:37:38 Antoinette Nista: Thank you!

01:37:38 David Barnes: Please note that the certificate will not be mailed tonight because this was a Zoom meeting. Certificate is available at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/100-Days-Certificate-2020-04-28-Final.pdf)

01:37:40 Noe Eugenio: Thank you very much!

01:37:51 Amy Tucker: It is 8:00 Eastern

01:37:51 Marla Aehlert: 4pm AZ time

01:37:51 Jed Williams: Thank you :) Really interesting work. Your dataset is incredibly challenging! Good luck :)

01:37:52 Mark Phipps: They all start at 4 here, so far

01:37:53 Elizabeth Chapman: time change??

01:38:14 Mark Phipps: If you watch it online, you still can get the certificate

01:38:19 Mark Phipps: after the fact

01:38:20 peter zirnis: time for bed

01:38:36 Mark Phipps: Check your time zone, mine is ok

01:38:38 Said Chatir: Thank you! Very informative webinar.

01:38:39 Little: When I registered it said it would begin at 7 but it actually begins at 6.

01:38:46 Emma Jaquez: Good night!

01:38:48 Betty Powell: Thank you

01:38:50 Little: Im in Chicago

01:38:51 Mark Phipps: Thanks and good luck

01:38:52 Renee Catalano: Thank you all

01:38:59 Honey Sacro Swem: Thank you

01:39:00 C Robertson: Thank you for your time!

01:39:02 Dave Hankin: Please fix percentage errors with student 2

01:39:05 Kamah Johnson: Thank you