

00:24:16 Trena Wilkerson: Hello from Waco, TX!  
00:24:17 Emily Kavanagh: Hello from Columbia, MD  
00:24:20 Chonda Long: Download the handout for this session at  
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00:24:22 Angela Wilson: Angie from Arizona  
00:24:25 rachel wingo: Hello from Kentucky  
00:24:29 Rhonda Rampley: Hi from NC  
00:24:29 Natasha Gambarov: Hello from Boston, MA  
00:24:30 Esther Winikoff: hello from Baltimore!  
00:24:30 Julie Wankel: Smyrna Tennessee  
00:24:31 Ayunda Sri Wahyuningrum: hello from Indonesia  
00:24:31 Carly Jardinier: Hello from MD, USA :)  
00:24:32 jennifer SMITH: hello from Southern California  
00:24:32 Leslie Texas: Hi from Louisville, KY  
00:24:32 Debra Reed: Las Vegas  
00:24:33 Michael Rex: Mike from Maryland  
00:24:33 Karen Greenhaus: From Doylestown, PA  
00:24:33 Nell Thurlow: Hello from Lafayette, Louisiana  
00:24:34 Jamie Cook: hello from Mesa, AZ  
00:24:35 Krystal White: Hey, y'all. Here from Saint Louis!  
00:24:35 Chonda Long: Download the handout for this session at  
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00:24:36 Mitchell Buell: Hello from Fredericksburg, VA.  
00:24:36 jeanine colwell: hello from Newport, NC  
00:24:36 Shashidhar Belbase: Hello from United Arab Emirates (UAE).  
00:24:37 Justin Klinger: Hello From Romeoville IL  
00:24:37 Charla Walker: Indianapolis indiana  
00:24:39 Faith Peddie: Download the handout for this session at  
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00:24:40 Paulina Uresti: Hello from Yuma, AZ  
00:24:41 Ashley Starkey: Hello from Indiana  
00:24:42 Maria Melendez: Hello from IL  
00:24:42 Kelli Chambers: Hello from Murfreesboro TN  
00:24:42 Debra Cash: Hello from Troy, OH  
00:24:42 maureen prendergast: North Carolina  
00:24:43 Sheila Kirton-Robbins: Hi from Nashville, NC  
00:24:43 Karen Campbell: Hi from Saskatchewan, Canada  
00:24:44 Roberto Marquez: Hello from Los Angeles, CA  
00:24:45 Gladys Montoya: Hello from Zion Il!  
00:24:45 Chonda Long: Download the handout for this session at  
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00:24:45 Catherine Livesay: Hello from Tennessee

00:24:47 Jolene Bresson: Hi from Rochelle, IL!  
00:24:48 Jorge Veloso: Ho from Angola.  
00:24:49 Claudia Sever: Wellington, Florida  
00:24:49 Mark Fili: Hello from Queens, NYC  
00:24:50 Phyllis Creech: Hello everyone From Savannah. GA  
00:24:50 Chonda Long: Download the handout for this session at  
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00:24:50 Jacqueline Colbourne: Maryland  
00:24:51 Olga Kosheleva: Hello from El Paso, TX  
00:24:51 LaDonna Schwab: Hello, LaDonna from Texas  
00:24:54 Catherine VanNetta: Hello from humid Baltimore, MD  
00:24:56 Sreevelmurugan Vamadevan: Sreevelmurugan from Miami az  
00:24:56 Chonda Long: Download the handout for this session at  
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00:24:56 Maureen Charron: hi from poughkeepsie ny  
00:24:56 Sabrina Garza: Hello from Carrollton, TX  
00:24:56 dana dulzo: hello from dana novi mi  
00:24:56 Lisa Phillips: Good evening from Williston, SC  
00:24:59 Mary Simmons-Chatmon: Hello from Wash. DC  
00:25:00 Zahra O'Reilly-Bates: 🍷 from St. Croix, U.S. Virgin Islands v  
00:25:01 Christina Tully: Hi from Las Vegas, NV!  
00:25:01 Chonda Long: Download the handout for this session at  
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00:25:05 Amy Chow: Hello from McKinney, TX!  
00:25:05 Kendra Edwards: Hi from Brooklyn, NY  
00:25:05 Sharon Black-MacKinnon: Good evening from sunny New Brunswick Canada  
00:25:09 Chonda Long: Download the handout for this session at  
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00:25:10 Angela Plaunt: Hello from Sault Ste Marie, Ontraio  
00:25:10 Glenda Escasinas: Hi from Fort Washington Maryland  
00:25:10 Mugdha Patil: Hello from Fremont, CA

00:25:10 Lenora McGrath: Hi from Lexington, KY  
00:25:13 Dominique Dawkins: Good evening! from Houston, Texas  
00:25:14 Nicole Campbell: Nicole Campbell from Savannah, GA... I am so excited!  
00:25:14 Alexandra Groseta: hi from AZ  
00:25:15 Kay Wohlhuter: Hi from Duluth, MN  
00:25:15 Dana Rozman: Hello from Milwaukee WI  
00:25:16 Nick DiGrispino: Hello from Lansing IL  
00:25:17 LANY JAMERO: good morning from the PHILIPPINES  
00:25:18 MEI OH: Hello, from Marietta, GA

00:25:18 Michelle Little: Hi, Michelle Little, Nashville, TN  
00:25:20 Chonda Long: Download the handout for this session at  
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00:25:21 Nicole Walden: Hello from Mt Sterling, Ohio  
00:25:21 Robin Harbour: Hi from Chico CA  
00:25:23 Gloria Flores: Hello from Texas  
00:25:24 Aya Zvaigzne: Cheers from Nashville, TN  
00:25:24 Shauna Brown: Hi from Brooklyn, NY  
00:25:26 Dana Nelson: Dana Nelson from East Berlin, PA  
00:25:26 Andrea Cadman: Hello from Southern California  
00:25:27 India Puch: India from Columbia, SC  
00:25:28 Daniel Irving: Hello from North Providence, RI!  
00:25:28 Abigail Santiago: Hello from Lexington, Ky  
00:25:29 Faith Peddie: Download the handout for this session at  
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00:25:30 Chonda Long: Download the handout for this session at  
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00:25:31 Faith Peddie: Download the handout for this session at  
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00:25:34 Alycia Donati: Hi from Baltimore, MD!  
00:25:35 Nithya Soundararajan: Hello from Avon, CT  
00:25:37 Rachel White: Hello from Southern Maine.  
00:25:37 Catherine Bronikowski: Hi from Milwaukee, WI  
00:25:39 paloma carrera: Hi from El Paso, Tx  
00:25:40 Nora Marasigan: Hello from Philippines  
00:25:40 Masooma Razzak: Hi from Houston!  
00:25:42 Necole Atkins-Dowd: HI from Las Vegas,NV  
00:25:42 Phillippe Galicinao: Aloha from Honolulu, Hawaii  
00:25:44 Jonathan Marcovitz: Greetings from Fort Lauderdale  
00:25:47 Pamela Goodwin: Hi from NJ  
00:25:48 Faith Peddie: Download the handout for this session at  
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00:25:51 Carolina Napp-Avelli: Hi from Greenbelt, Maryland  
00:25:54 Veronica Troup: Hello from Loretto Tennessee!  
00:25:54 Claudia O'Keefe: Hi all from Buffalo, NY  
00:25:55 Dexter Carpio: Hello from Philippines  
00:25:59 CRISTAL WEAVER: AZ  
00:26:00 Christina Hall: Hello from Yuma, AZ  
00:26:00 matthew roberts: Hey from Phx AZ  
00:26:05 Kim Neill: Arlington TX

00:26:06 Heather Ruiz: SA, TX  
00:26:06 Laura Cranmer: Hello from Colorado  
00:26:07 Rolando II Delos Reyes: Good morning from Manila Philippines PH  
00:26:08 tracey simmons: Good evening from Jamaica, NY!  
00:26:08 Samantha Bustos: Collierville, TN!  
00:26:09 Dr. Yankey: GA  
00:26:09 Ellen Williams: Ellen from Kerrville, TX  
00:26:09 amanda Helgerson: Hi! 8th grade math from Northfield, Mass  
00:26:12 Joanna Nilsen Badami: Hi from ashington state  
00:26:12 Kathy Medrick: Hello from Cleveland, OH  
00:26:12 Susan Budde: hi from CT  
00:26:14 Angelita Beltran: Hello from Waukegan, IL  
00:26:14 Liz Swerling: Northern California  
00:26:17 Stephanie Caragher: Hello from New Hampshire  
00:26:18 L. Fresina: Hi from NC!  
00:26:19 Gloria Carrasco: Hi from Winton, Ca  
00:26:22 Mary Keane: Good evening from Annapolis, MD  
00:26:23 Michael Lanstrum: Hello from Cleveland, OH  
00:26:25 Dawn Lopez: Hello - Dawn from Long Island, NY  
00:26:25 Shonda Moore: Hello from Austin, Tx  
00:26:26 Jeff Shih: Hi from Las Vegas, NV  
00:26:26 Pedro Anzola: Greetings from Sanford, NC  
00:26:28 michelle morison: Hello From the Sierra Mountains, California  
00:26:29 Teresa Bulanda: hello from Connecticut:))  
00:26:31 Susan Danskin: Hi from Ithaca, NY  
00:26:32 Christine Rudakewycz: Hello from New York City!  
00:26:34 Skip Fennell: Hi from Westminster, MD  
00:26:36 Judy Radigan: Hi, I am Judy from Maine!  
00:26:41 Tsungai Chiorera: Good evening from Phoenix  
00:26:41 Myra Absin: Hi from Philippines.  
00:26:46 Lourdes Medina: Hello from San Antonio, Tx.  
00:26:46 Masooma Razzak: Handout looks interesting!  
00:26:47 Jeanne Simpson: Good evening from Decatur, Alabama!  
00:26:48 Penny Hauskins: from Lafayette tn  
00:26:49 Noe Eugenio: Good morning from Philippines  
00:26:49 Darrell Q: Hello - Here from Chi-town(GO Cubbies)  
00:26:56 Elizabeth Wallace: Santa Clara CA  
00:26:58 Pamela Liegl: hi from Illinois  
00:26:59 Wisnu Siwi Satiti: Hi all, I'm Siwi from Indonesia  
00:27:03 Bobby Flores: Hi from Houston TX  
00:27:04 Anupama Anand: good evening from california  
00:27:04 Karoulin Aljoris: hi Mi  
00:27:09 David Barnes: The handout for this session is at  
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00:27:09 Sandhya Raman: Day 48...wow...did not realize...:-)  
00:27:10 Emily Graff: Ohio hello!  
00:27:11 Nancy Davis: Hello from Atlanta, Georgia  
00:27:13 HILARY OMOKAFE: Hi from Oman.  
00:27:23 Nonye Obiora: Hello From Nonye , Boston Ma.

00:27:28 Nicolette Nalu: Hello from ALABAMA! K-5 Math Specialist and AMTEA president! :)

00:27:33 Tessie Menta: Hello from Philippines

00:27:35 Brandi Ledbetter: Hello from St. George, Utah!

00:27:36 Daena Diaz-Cedillo: Hello from Mesquite, TX

00:27:37 Melissa Arsen: Hi from Dallas, TX

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00:27:37 Allison Silvaggio: Hello from Colorado

00:27:37 Jaclyn Murray: Hi from Atlanta, GA!

00:27:38 Veronica Kwok: Hello from Queens NYC!

00:27:39 Alana Roberts: Racine, WI

00:27:39 Jacquelyn Wardlow: Hello from San Antonio, TX

00:27:39 Marcella Clark: Aloha from Hawaii!

00:27:40 Prerana Sanghavi: hey  
I am from Mumbai, India

00:27:44 Sharon Ling: Hi from NJ!

00:27:45 Kendra Cole: Hello from Atlanta

00:27:46 Suzanne Nailor: Hello from NC!

00:27:47 Stephen Bates: Hi from Long Island! Math 5-12

00:27:47 Jennifer Hinrichs: Hi from Cambridge, Ontario, Canada

00:27:47 Maral Aznavour: Hello from Texas!

00:27:48 Louise Phillips: Hello from GA

00:27:48 Chonda Long: Download the handout for this session at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)

00:27:48 Sharon Laahs: Hello from Scottsdale AZ :-)

00:27:48 Gladys Okugbeni: Hi Gladys from Washington DC

00:27:49 Lance Brauchla: Hi from Ege, IN

00:27:50 Debbie Meaney: Hello from North Carolina

00:27:57 Taryn Brown: Good evening all from Jackson, MS

00:27:58 Shawn Roberts: Hi from Fresno, CA 8th grade math teacher

00:27:59 Abdul Razak Othman: Abdul Razak from Malaysia

00:27:59 Harriette Stevens: Hi there, from San Francisco

00:28:01 Saul Gonzalez: Hello from Bakersfield, CA. It is 40C!

00:28:01 Rene Stratton: hi from Seattle

00:28:02 Gail Dean: Hello from Minnesota

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00:28:04 Kathy Felt: Hi from Illinois!

00:28:13 Tami Ohoyo: Tukwila WA

00:28:14 Catherine Abbott: I LOVE the NCTM100Days recordings....Thank you.!

00:28:14 Wendy Britt: Hi Wendy Britt Lumberton NC

00:28:22 Chonda Long: Download the handout for this session at

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00:28:27 Gina Velasco: Hello! Gina is here  
00:28:28 David Barnes: The handout for this session is at  
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00:28:30 Fran Huntoon: hello from VT  
00:28:35 Francis Kisner: Another beautiful day in Pennsylvania  
00:28:37 Mary Murtishaw: Hi from Cabot, Arkansas!  
00:29:00 Amy Tucker: Hi from Wayne, Maine  
00:29:03 Ysrael Sarmiento (PH): Hi! It's 7AM here in the Philippines. :-)  
00:29:05 Jeanetta Glass: Hello from Memphis, TN!  
00:29:10 Susan Sennewald: Hello from Richmond, VA!  
00:29:14 Danielle Bentley: Hello from Kansas City!  
00:29:16 Chonda Long: Download the handout for this session at  
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00:29:19 Stacey Monroe: Excited about this segment!!  
00:29:27 Ann Swierzbin: Hi from Boston MA  
00:29:30 Trena Wilkerson: Thanks for being here and so glad you are  
enjoying the recordings! :-)  
00:29:30 Tessie Menta: Hello from Stockton, California :)  
00:29:33 Stephenia Courtney: Hello from Las Vegas, NV  
00:29:37 David Barnes: Check to see you are chatting to Everyone or All  
Panelists and Attendees.  
00:29:43 Brian Boles: hello Brian from Maryland  
00:29:53 David Barnes: Check to see you are chatting to Everyone or  
All Panelists and Attendees.  
00:30:09 David Barnes: The handout for this session is at  
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00:30:12 April Flanders-Lee: Hello from Curlew, WA  
00:30:12 Laurie James: Aloha from Oahu  
00:30:21 Ferlisa Lavador: Hi to all. Ferlisa from South Carolina  
00:30:34 Zorica Lloyd: Hey All from Chicago.  
00:30:34 Rob Matyska: Greetings from Caruthersville, MO, deep in the  
bootheel  
00:30:37 Lorie Huff: Remember to change your chat to All Panelists and  
Attendees.  
00:30:40 Lina Young: Hello from CA  
00:30:48 Andrea Chew: Hello from Spotsylvania, VA  
00:30:51 Megan Riley: hi  
00:30:52 Konnie Guthrie: Hi from Las Vegas  
00:30:59 Chonda Long: Download the handout for this session at  
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00:31:06 Stacey Monroe: classpad.net

00:31:13 Archita Vaghasiya: Hi from Boston, MA  
00:31:15 Mitchell Buell: Spotsylvania, VA here  
00:31:20 Deniz Çakır: Hello from Turkey  
00:31:21 Angelica Johnson: Angelica Johnson by way of Memphis, TN  
00:31:25 Emily Kavanagh: Thanks for the PDF  
00:31:43 David Barnes: @Denis - Welcome!  
00:31:49 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.  
00:31:52 Catherine Abbott: Cool Tool  
00:32:01 Shashidhar Belbase: Thank you for the note and the tool for mathematics.  
00:32:13 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.  
  
00:32:21 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.  
  
00:32:26 Rene McNeal: Hi from Tuscaloosa, Alabama  
00:32:36 Katrina Hall: I have not heard of this tool before:). Exciting!  
00:32:37 David Barnes: The handout for this session is at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)  
00:32:40 Taryn Brown: Omg! Love it already!!  
00:32:43 Eunice Oyekola-Clark: 3  
00:32:44 Heather Ruiz: 16  
00:32:44 Sarah Sykes: 5  
00:32:44 Veronica Troup: 20  
00:32:44 Sheila Kirton-Robbins: 3  
00:32:45 tracey simmons: 20  
00:32:45 Alexandra Groseta: 13  
00:32:45 Jolene Bresson: 15  
00:32:45 Rhonda Rampley: 16  
00:32:45 Claudia O'Keefe: 26  
00:32:45 Phillippe Galicinao: 7  
00:32:45 Kelly McDaniels: 21  
00:32:45 Suzanne Nailor: 20  
00:32:45 Rachel Hauser: 10  
00:32:45 Anupama Anand: 15  
00:32:45 Sandra Bryant: 25  
00:32:45 Steven Jarowski: 7  
00:32:45 Dana Nelson: 19  
00:32:45 Christine Rudakewycz: 22  
00:32:45 Shonda Moore: 27  
00:32:45 Darlene Tyler: 25  
00:32:46 Melissa Luzano: 12  
00:32:46 Roberto Marquez: 13  
00:32:46 Ashley Starkey: 5  
00:32:46 Nicole Campbell: 6  
00:32:46 amanda Helgerson: 20  
00:32:46 April Flanders-Lee: 20

00:32:46 Mitchell Buell: 0  
00:32:46 Michael Rex: 6  
00:32:46 Young Welch: 11  
00:32:46 Taryn Brown: 33  
00:32:47 Kendra Edwards: 16  
00:32:47 Mary Keane: 19  
00:32:47 Gladys Montoya: 1  
00:32:47 Anne Feeney: 18  
00:32:47 Trish Harris: 35  
00:32:47 Veronica Galbreath: 5  
00:32:47 maureen prendergast: 21  
00:32:47 Marie Bernick: 12  
00:32:47 Harriette Stevens: 30  
00:32:47 Jacquelyn Wardlow: 8  
00:32:47 Lance Brauchla: 18  
00:32:47 Bridget Schaefer: 20  
00:32:48 Susan Nordyke: 17  
00:32:48 Catherine Bronikowski: 9  
00:32:48 Ms. Dillard: 0  
00:32:48 Jennifer Hagman: 13  
00:32:48 Msrtek Vasicek: 16  
00:32:48 Robin Harbour: 30  
00:32:48 Elizabeth Wallace: 8  
00:32:48 Tammy Gannoun: 18  
00:32:48 Eunice Oyekola-Clark: 3  
00:32:48 Betsy Smith: 24  
00:32:48 Sharon Black-MacKinnon: 28  
00:32:48 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:32:49 MEI OH: 1  
00:32:49 Debra Reed: 18  
00:32:49 Ana Alcaraz: 5  
00:32:49 Patricia Daugherty: 11  
00:32:49 Eunice Oyekola-Clark: 3  
00:32:49 Julie Wankel: 33  
00:32:49 Shawn Roberts: 13  
00:32:49 Susan Budde: 29  
00:32:49 Susana Temprano: 16  
00:32:49 Christina Hall: 17  
00:32:49 dana dulzo: 22  
00:32:49 Eunice Oyekola-Clark: 3  
00:32:49 Lindsay Ventura: 6  
00:32:49 Nicole Walden: 26  
00:32:49 Eunice Oyekola-Clark: 3  
00:32:49 Darrell Q: 18  
00:32:49 Dominique Dawkins: 5  
00:32:49 Jennifer Eaton: 10  
00:32:50 Carly Jardinier: 19  
00:32:50 Catherine Abbott: 12



00:32:50	Eunice Oyekola-Clark:	3
00:32:50	Carole Bamford:	15
00:32:50	Tami Ohoyo:	37
00:32:50	Rachel White:	25
00:32:50	Eunice Oyekola-Clark:	3
00:32:50	Paulina Uresti:	5
00:32:50	Veronica Kwok:	4
00:32:50	Shashidhar Belbase:	15
00:32:50	Bob Waedekin:	41
00:32:50	Eunice Oyekola-Clark:	3
00:32:50	Christina Tully:	8
00:32:50	Eunice Oyekola-Clark:	3
00:32:51	Mary Murtishaw:	17
00:32:51	Eunice Oyekola-Clark:	3
00:32:51	Niphonephet Dupuy:	22
00:32:51	Ellen Williams:	22.5 years
00:32:51	Eunice Oyekola-Clark:	3
00:32:51	Louise Phillips:	37
00:32:51	Penny Hauskins:	17
00:32:51	Jeanne Simpson:	31
00:32:51	Dana Rozman:	11
00:32:51	Fran Heckermann:	30
00:32:51	Jennifer Collier:	6
00:32:52	Harold Miles:	17
00:32:52	Angelita Beltran:	3
00:32:52	Lyndilou Littlefield:	12
00:32:52	Zorica Lloyd:	16
00:32:52	Jean Wright:	10
00:32:52	Kelli Chambers:	15
00:32:52	Andrea Nelson:	4
00:32:52	Kristi Wolfe:	6.5
00:32:52	Jessica Gothard:	8
00:32:52	Eva gomez:	12
00:32:52	Stephen Bates:	7
00:32:52	Nithya Soundararajan:	1
00:32:52	Leigh Craig:	31
00:32:53	Laura Cranmer:	3
00:32:53	Mary Perez:	20
00:32:53	Susan Sennewald:	30
00:32:53	Jade Boyd:	5
00:32:53	Emily Graff:	1
00:32:53	Bethany Broadwell:	20
00:32:53	Stacey Monroe:	20 years
00:32:53	Eunice Oyekola-Clark:	3
00:32:53	Liz Swerling:	12
00:32:54	Laurie Harrell:	30
00:32:54	Kathy Medrick:	26
00:32:54	Noe Eugenio:	13
00:32:54	Leny Gaviola:	5

00:32:54	Lance Brauchla: 18	
00:32:54	Sreevelmurugan Vamadevan:	17
00:32:54	rachel west: 5	
00:32:54	Gladys Okugbeni: 27	
00:32:54	Jessica Baird: 12	
00:32:54	Dan Graves: 19	
00:32:55	Jennifer Hinrichs: 16	
00:32:55	Brandi Ledbetter: 10	
00:32:55	Eunice Oyekola-Clark: 3	
00:32:55	Mark Fili: 25	
00:32:55	Maral Aznavour: 26	
00:32:55	Brandon Josselyn: 9	
00:32:55	Marcella Clark: 15	
00:32:55	Amy Tucker: 19	
00:32:55	Sheryl Rivera: 23	
00:32:55	Peter Santos: 13	
00:32:55	Ernie Toth: 11	
00:32:56	Michael Lanstrum: 29	
00:32:56	Eunice Oyekola-Clark: 33	
00:32:56	Kimberly Inman: 4	
00:32:56	Andrea Chew: 24	
00:32:56	Catherine Livesay: 27	
00:32:56	Angela Wilson: 26	
00:32:56	Skip Fennell: 54	
00:32:57	Phyllis Creech: 30	
00:32:57	michelle morison: 24	
00:32:57	Eunice Oyekola-Clark: 3	
00:32:57	LANY JAMERO: 22	
00:32:57	Grace Vaught-Smith: 4	
00:32:57	Debbie Meaney: 11	
00:32:57	Muna Alwahaibi: 15	
00:32:57	Leonor Fonseca: 23	
00:32:57	Charla Walker: 20	
00:32:58	Taryn Brown: 33	
00:32:58	Susan Creenan: 24	
00:32:58	Lina Young: 5	
00:32:58	Danielle Bentley: 24	
00:32:58	Jennifer Corritore: 20	
00:32:58	Eunice Oyekola-Clark: 3	
00:32:58	Dawn Lopez: 24	
00:32:58	Catherine VanNetta: 31	
00:32:59	Judy Radigan: 18	
00:32:59	Sarah Forsythe: 1	
00:32:59	Eunice Oyekola-Clark: 3	
00:32:59	Pamela Liegl: 37	
00:32:59	David Falk: 14	
00:32:59	Rolando II Delos Reyes: 10	
00:32:59	Maria Knott: 10	
00:32:59	Tessie Menta: 30	
00:32:59	Josephine Romero: 27	

00:32:59	Susan Moye:	28+	
00:32:59	Katharine Zaragoza:		18
00:33:00	Maria Morelli:	3	
00:33:00	Andrea Reeves:	23	
00:33:00	Eunice Oyekola-Clark:		3
00:33:00	Zahra O'Reilly-Bates:		18
00:33:00	Sabrina Garza:	17	
00:33:00	Pedro Anzola:	33	
00:33:00	Eunice Oyekola-Clark:		3
00:33:01	Janet:	13	
00:33:01	Mary Simmons-Chatmon:		31
00:33:01	Donald Trusty:	1st Year	
00:33:01	Eunice Oyekola-Clark:		3
00:33:01	Cindy Gambone:	0	
00:33:02	Eunice Oyekola-Clark:		3
00:33:02	MEI OH:	1	
00:33:02	Allison Silvaggio:		12
00:33:02	Lourdes Medina:	33	
00:33:02	Mitchell Buell:	0	
00:33:02	Ms. Dillard:	0	
00:33:03	Eunice Oyekola-Clark:		3
00:33:03	mary ternoey:	25	
00:33:03	Eunice Oyekola-Clark:		3
00:33:03	Ms. Dillard:	0	
00:33:03	Debracca Robertson:		15
00:33:03	Kim Petersen:	16	
00:33:04	Katrina Hall:	21	
00:33:04	jeanine colwell:		36
00:33:04	Donald Trusty:	1	
00:33:04	Eunice Oyekola-Clark:		3
00:33:04	Ann Swierzbin:	40	
00:33:04	Alycia Donati:	3.5	
00:33:04	Alana Roberts:	16	
00:33:04	Ms. Dillard:	0	
00:33:04	Krystal White:	21	
00:33:04	Gail Dean:	39	
00:33:05	Eunice Oyekola-Clark:		3
00:33:05	Terri Kuzell:	32	
00:33:05	Stephenia Courtney:		13
00:33:05	Ms. Dillard:	0	
00:33:05	Eunice Oyekola-Clark:		3
00:33:05	Candace Bailey:	16	
00:33:05	Ms. Dillard:	0	
00:33:06	Kathleen Breen:	20	
00:33:06	Eunice Oyekola-Clark:		3
00:33:06	Lenora McGrath:	42	
00:33:06	Katie Followell:		2
00:33:06	donna jeck:	22	
00:33:06	Eunice Oyekola-Clark:		3
00:33:06	Von Mumpfield:	19	

00:33:06	Kay Wohlhuter:	38	
00:33:07	Eunice Oyekola-Clark:	3	
00:33:07	Chaz Cannon:	2	
00:33:07	Emily Graff:	1	
00:33:08	Eunice Oyekola-Clark:	3	
00:33:08	Amanda Cordio:	6	
00:33:08	Eunice Oyekola-Clark:	3	
00:33:08	Jeannine Lavigne:	38	
00:33:08	Tessie Menta:	22	
00:33:09	Mitchell Buell:	0	
00:33:09	Taressa Brown:	20	
00:33:09	Eunice Oyekola-Clark:	3	
00:33:09	Ms. Dillard:	0	
00:33:09	amanda Helgerson:	20	
00:33:09	Joanna Nilsen Badami:	24	
00:33:10	Nick DiGrispino:	3 years	
00:33:10	Eunice Oyekola-Clark:	3	
00:33:10	Catherine Cook:	16	
00:33:10	Ayunda Sri Wahyuningrum:		10
00:33:10	Roberto Marquez:	13	
00:33:10	Eunice Oyekola-Clark:	3	
00:33:11	Natasha Gambarov:	2	
00:33:11	Daniel Fortino:	1	
00:33:11	Eunice Oyekola-Clark:	3	
00:33:11	Denise Juern:	20	
00:33:11	Roberto Marquez:	13	
00:33:12	Eunice Oyekola-Clark:	3	
00:33:12	Roberto Marquez:	13	
00:33:12	Amanda Ruch:	14	
00:33:12	Eunice Oyekola-Clark:	3	
00:33:12	Lindsay McCrary:	15	
00:33:13	Beth Seyler:	29	
00:33:13	Roberto Marquez:	13	
00:33:13	Roberto Marquez:	13	
00:33:14	Roberto Marquez:	13	
00:33:14	Carmela Minckler:	18	
00:33:14	Arlene Bachinela:	34	
00:33:14	Mary Simmons-Chatmon:	31	
00:33:15	Necole Atkins-Dowd:	16	
00:33:15	Amy Tucker:	I love how many 0s I'm seeing!	
00:33:16	Ma Emily Cadiz:	30	
00:33:16	Sandra Lambes:	28	
00:33:17	Deniz Çakır:	30	
00:33:17	Nicolette Nalu:	17	
00:33:17	Konnie Guthrie:	22	
00:33:18	Angela Wilson:	26	
00:33:19	Bette Barkley:	11	
00:33:19	Brian Boles:	38	
00:33:20	Susan Troutman:	44	
00:33:21	Cristhy Galvez:	5 teacher 10 as a tutor	

00:33:21 Rob Matyska: 19  
00:33:22 Glenda Escasinas: 27  
00:33:23 Fawn Wasin Zi: 1  
00:33:23 Milagros Carbonera: 41  
00:33:24 Emily Graff: 1  
00:33:25 Ann Assad: 35  
00:33:28 Mary France Imperial: 13  
00:33:29 Reyce! Pacaanas: 19  
00:33:29 Justin Klinger: 21  
00:33:31 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:33:31 Amy Tucker: :) Welcome! 0s and 1s! :)  
00:33:38 Gladys Montoya: Thank you!  
00:33:39 Rachell Scott: 28  
00:33:41 Ysrael Sarmiento (PH): 6 wonderful years. :-)  
00:33:42 Janice Magauay: hello from MD  
00:33:45 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:33:47 Emily Kavanagh: 1  
00:34:01 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:34:07 PATRICK GUERRA: Hi from Philippines  
00:34:12 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:34:16 Taryn Brown: Welcome to all the NEW teachers! Oh, the places you'll go!!!!  
00:34:24 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:34:33 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:34:52 Mitchell Buell: Thank you! Excited to start this coming year!  
00:34:53 Natasha Gambarov: Thank you Taryn :)  
00:34:56 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.  
00:34:57 Gladys Montoya: Thank you!  
00:35:01 Nancy Davis: This is wonderful!  
00:35:03 Julie Wankel: I've lost sound  
00:35:10 Mary France Imperial: hi from Philippines  
00:35:12 Leonor Fonseca: You said this is free?  
00:35:12 David Barnes: The handout for this session is at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)  
00:35:13 Charlene Montgomery: Komusta Patrick G  
00:35:17 Shashidhar Belbase: Very nice tool.

00:35:17 Eunice Oyekola-Clark: Looks great  
00:35:19 Myla Detecio: Wow!  
00:35:22 PATRICK GUERRA: thank you  
00:35:23 dana dulzo: awesome !!!  
00:35:30 Lance Brauchla: Wow...have never seen this....love it!  
00:35:31 Suzanne Nailor: This is AMAZING!  
00:35:31 Taryn Brown: My God.....where has this been all these 33 years? I LOVE IT!!  
00:35:31 Charlene Montgomery: Komusta Mary  
00:35:35 Fawn Wasin Zi: Very cool  
00:35:35 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.  
  
00:35:37 David Barnes: @Julie - Check your connections. We have sound.  
00:35:41 Catherine Livesay: great for stats  
00:35:43 Debbie Meaney: This is amazing! Thanks.  
00:35:45 Sarah Lubow: Grading and feedback?  
00:35:45 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.  
  
00:35:48 Rachel White: This is a great website.  
00:35:52 Stephen Bates: Is this interactive with the kids? LIke if I have this open can the kids do anything on there?  
00:35:56 Chonda Long: The sound is working so if you are having trouble with sound, you should check your settings.  
00:35:56 Rachell Scott: This is amazing!  
00:35:58 Karoulin Aljoris: what is the site ? I missed it's  
00:35:59 William Luke: great.  
00:36:00 Chonda Long: Download the handout for this session at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)  
  
00:36:03 Christina Hall: This is amazing!  
00:36:07 Deborah Cosey: great!  
00:36:14 Amy Tucker: classpad.net  
00:36:18 Jenalyn Montana: From Philippines Jenalyn F. Montana  
00:36:20 PATRICK GUERRA: hello charlene  
00:36:21 Amy Tucker: (But this link is in the handout)  
00:36:24 Taryn Brown: Website is ClassPad.net  
00:36:36 Jenalyn Montana: Good morning everyone.God bless you  
00:36:48 Nicole Campbell:  
<https://classpad.net/classpad/papers/share/fffd60f-7618-40f2-8c0d-285d4c1db236>  
00:36:50 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.  
  
00:37:03 Lesly Brown: Hello, Lesly Brown again, from Tennessee.  
00:37:10 Emily Kavanagh: Very cool website  
00:37:13 Ysrael Sarmiento (PH): I'm loving this! :-)  
00:37:22 Dave Hankin: Hello again from Globe, Arizona!  
00:37:28 Melonie Smith: I like this!

00:37:30 Shashidhar Belbase: Nice to see the visualization of interface of geometry and algebra.

00:37:32 William Luke: Hello from Central Texas

00:37:33 Christina Siow Young: Great tool!

00:37:35 Katrina Hall: Hello from Hollis N.H.

00:37:36 Cristhy Galvez: can I scale polygons to show similarity?

00:37:41 Natasha Gambarov: This is very engaging!!

00:37:41 Maria Knott: This is wonderful!

00:37:42 LaTasha Prichett: awesome!

00:37:43 Lynda Krivansky: Hi Dr. Greenhaus!

00:37:46 David Barnes: The handout for this session is at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)

00:37:50 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:38:07 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:38:39 Myra Absin: Great visuals. Thank you.

00:38:40 Anupama Anand: seems like a great tool for maths lesson planning

00:39:24 Shauna Brown: this looks like a great tool

00:39:27 Catherine Abbott: Interesting you are talking left to right and your points are labeled B and A, out of aliphatic order.

00:39:52 Emily Kavanagh: Will definitely use this tool next year

00:40:13 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:40:29 Brenda McNeese: I like that it shows multiplication as a dot. I want to start getting away from x as the symbol for multiplication.

00:40:44 Sandra Davis: Love this!

00:40:53 Julie Leckman: Parenthese are better

00:40:57 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:41:06 Amy Tucker: I'm unable to register for an account... I wonder if it is working for others?

00:41:12 Mary Dugas: 

00:41:16 Catherine Abbott: I will use the tool too. What questions can we ask to guide exploration? Also, Desmos has some premade class activities which are worth looking at. I love the multiple representations on one screen or page at the same time.

00:41:27 Julie Leckman: yes working I set up a teacher account

00:41:29 Bart Laskawski: love this resource however the title of this webinar is misleading. would love to see true connection between incorporating geometry in an algebra unit or vice versa

00:41:39 Mark Phipps: @Amy - it didn't work with google for me. I just had to put in my email address and sign up that way

00:41:41 Nicole Campbell: I just registered...you have to be careful with your user name

00:41:48 Amy Tucker: Okay, I'll try that. thanks.

00:41:50 Carole Bamford: graspable math has some as well  
00:41:52 Trena Wilkerson: Great tool!! Supports connection and multiple representation and more!  
00:42:06 Robin Schwartz: just tuned in what program is being shown?  
00:42:09 Nicole Walden: Bart - distance formula & pythag?  
00:42:24 David Barnes: Love the connection to prior knowledge!  
00:42:25 Amy Tucker: @Mark, thank you! :)  
00:42:33 Robin Schwartz: oh I see classpad from CASIO thx  
00:42:34 Elizabeth Wallace: classpad.net  
00:42:35 Catherine Abbott: Also....train your students to look for multiple representations and connected topics.  
00:42:36 Nicole Walden: Coordinate geometry is a natural crossover  
00:42:42 Emily Graff: @Robin Classpad.net  
00:42:43 Leonor Fonseca: Looking forward to playing and trying Classpad  
00:42:46 Rich Taggart: In PA they learn slope before the Pythagorean Theorem  
00:42:48 Suhana Kadoura: apologies for being late  
00:43:04 Christine Rudakewycz: never just give students the formula!!!  
00:43:14 Nicole Walden: Rich - yes in Ohio, too, but it didn't used to be that way  
00:43:16 David Barnes: The handout for this session is at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)  
00:43:18 Sheila Kirton-Robbins: Sound breaking up?  
00:43:32 Krystal White: I teach my students a different distance formula which is more based on Pythag Thrm:  $(\text{difference in } x)^2 + (\text{difference in } y)^2 = \text{distance squared}$   
00:43:35 Bart Laskawski: Nicole yes that's a given. but when you are teaching a 7th grade algebra unit they don't teach geometry within it. it's always a stand alone unit. I was looking for combining some concepts and how to do it  
00:43:50 Natasha Gambarov: @Robin, you can get the resources with this url:  
00:43:56 Rich Taggart: I teach 7th grade and used to teach Pythagorean Theorem but they told me to stop  
00:43:58 Natasha Gambarov: [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf).  
00:44:02 Emily Graff: Change in y over change in x  
00:44:03 Jennifer Hagman: @Sheila - sound is clear on my end.  
00:44:11 Nicole Campbell: @Bart, let me know if you find anything because that's what I am looking for for 6-8th  
00:44:15 David Barnes: The handout for this session is at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)  
00:44:48 Cristhy Galvez: @bart so true! this year I used curriculum that integrated geo and algebra with my 7th graders and it was amazing. I feel like we covered so much more compared to the ones taking pre algebra  
00:45:05 Nicole Walden: Bart and Nicole - probably some already made lessons that use Desmos, or search in the NCTM lesson files (esp using standards)  
00:45:07 Catherine Abbott: Using Ti-84 and an hour to fill, I helped my



math 8 students "discover"  $y=mx+b$ . It would have been sooooo much better with a tool like this.

00:45:28 Nicole Campbell: @Cristhy Galvez...May I ask what curriculum did you use?

00:45:28 Bart Laskawski: @christhy which curriculum did you use? would love to know more about it

00:45:52 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:45:55 Tamara Stewart: @Cristy, what wasthecurriculum

00:45:58 Suzanne Nailor: Using DESMOS Calculator is WAY easier than a Ti-84!

00:46:04 Catherine Bronikowski: the hypotenuse is the radius of a circle if you rotate the right triangle 360 deg

00:46:07 Trena Wilkerson: For those looking for more geometry and algebra connections there are several journal articles in the archived journals that may help. Go to the NCTM website and search connecting algebra and geometry. There is also a great yearbook from 2011 I think.

00:46:21 Nicole Campbell: @Nicole Walden...thank you so much. I was about to dive into building my own curriculum.

00:46:28 Nicole Walden: Catherine - YES!! And they will use TI for the ACT

00:46:37 Catherine Abbott: Yes....I've used Desmos ever since. Desmos was in very early days when I was using the Ti-84.

00:46:37 Shonda Moore: @Suzanna I agree about Desmos.

00:46:38 Mitchell Buell: This is an interesting approach, I know in my division, we teach Algebraic concepts different from geometric.

00:46:50 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:46:54 Nicole Walden: Nicoles gotta help each other out ;)

00:47:08 Emily Kavanagh: So glad I learned of class[ad

00:47:14 Rachell Scott: I like how the dots are shown. That really makes a connection of where the circle is coming form.

00:47:15 Emily Kavanagh: classpad

00:47:22 Cristhy Galvez: yes!

00:47:22 Joseph Townson: yes

00:47:23 Nick DiGrispino: yes

00:47:23 Nithya Soundararajan: yes

00:47:23 Trish Harris: Yes

00:47:23 Necole Atkins-Dowd: YES

00:47:24 Sandra Davis: yes

00:47:24 Patricia Daugherty: yes

00:47:24 Stephen Bates: yes

00:47:24 Tammy Gannoun: yes

00:47:24 Susana Temprano: yes

00:47:24 Saul Gonzalez: Yes!

00:47:25 Christina Siow Young: no

00:47:25 Jessica Gothard: Yes Geo!

00:47:25 Amy Tucker: yesish

00:47:25 Laurie Harrell: yes

00:47:25 Catherine Abbott: yes

00:47:26 Nicole Campbell: yes

00:47:27 Kristi Wolfe: yes  
00:47:27 michelle morison: yes  
00:47:28 Myra Absin: I used geogebra .  
00:47:28 Emily Kavanagh: No  
00:47:30 Rob Matyska: yes  
00:47:30 Peter Santos: yes  
00:47:31 Sharon Black-MacKinnon: yes  
00:47:31 Archita Vaghasiya: yes  
00:47:31 Melonie Smith: I teach Geometry  
00:47:32 Christine Rudakewycz: not this year, but yes in the past  
00:47:34 Ysrael Sarmiento (PH): Here! :-)  
00:47:35 Stephen Bates: we use GeoGebra too  
00:47:37 KEISHA SMITH: Yes!!!!  
00:47:39 Pamela Liegl: YES  
00:47:40 Rosalyn Bantay: Yes  
00:47:40 Catherine Bronikowski: yes - geometry, precal and CS  
00:47:41 Mitchell Buell: General math here so yes  
00:47:43 Ron Napper: Yes  
00:47:44 Emily Kavanagh: 6/7/8 have touches of Geometry  
00:47:46 Sreevelmurugan Vamadevan: YES  
00:47:48 Susan Moye: yes  
00:47:49 Erin Meunier: yes - we do that all the time :)  
00:47:49 Michelle Little: Yes  
00:47:50 Bob Waedekin: yes  
00:47:52 Leny Gaviola: yes.  
00:47:52 Maureen Charron: yes  
00:48:01 Catherine Livesay: no, just a few topics  
00:48:02 Erin Meunier: Pi :)  
00:48:02 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:48:09 Mabel Brown: yes  
00:48:10 Stephenia Courtney: yes  
00:48:15 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:48:16 Michelle Little: Michelle Little  
00:48:20 Nick DiGrispino: Wow. Another wonderful website to use  
00:48:25 Suzanne Nailor: I've done this activity with round objects in my class for Pi Day for over a decade.. :)  
00:48:35 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:48:37 Cristhy Galvez: middle school curriculum (it is also inquiry based): Connected Mathematics. I used it for 6th and 7th. the 8th grade is good too  
00:48:39 Emily Graff: Possibly teach golden ratio too  
00:48:49 DaiTrang Phan: @Bates is right  
00:48:56 Catherine Abbott: To allow students to describe what they were doing in Desmos, I would have the students take screen snippings from Desmos, paste the snippings in Google Doc and do their write ups in Google Doc. With this tool,

they can do this in one place.

00:49:02 amanda Helgerson: I use Connected Math also with 8th grade. love it and the connections it makes

00:49:05 Catherine Livesay: I like this approach. It will help with connections.

00:49:20 Cristhy Galvez: @amanda yes I use it too!

00:49:23 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:49:23 Trish Harris: Would also be so great for introducing the unit circle from proof

00:49:27 Rich Taggart: CMP is great unless your kids can't read...

00:49:31 Christine Rudakewycz: the problem with this activity is that the students don't actually "see" that a little more than 3 diameters fit around the circle's circumference. I have my students use string in a hands-on experiment.

00:49:38 amanda Helgerson: @ Cristhy :)

00:49:42 Darlene Tyler: Once you create an account and activities, is there a code or link to share with students (possibly via google classroom) so they can access the activity?

00:49:45 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:49:49 Nicole Walden: I believe Classpad has some quality save and send features. I can't remember if in class work can be saved and fwd or not. So nice for students who were absent or IEPs and need notes from class.

00:50:07 Suzanne Nailor: @Christine...

00:50:58 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

00:51:10 David Barnes: @Dawser - yes. You do have to register

00:51:45 Ronald Lubatti: IEP students with LA identified have problems with CMP

00:52:12 Suzanne Nailor: @Christine...a great activity for seeing the bit more than 3 is called Bean Pi

00:52:15 Jeanette Hogan: How do students submit work?

00:52:25 Cristhy Galvez: @ronald I had students with IEPs and they did fine

00:52:41 Anupama Anand: sorry my internet was gone for few minutes

00:52:49 Cristhy Galvez: @ronald, I did provide support though

00:53:12 Christine Rudakewycz: @Suzanne, thanks, I will check that out!

00:53:34 Shashidhar Belbase: May be the works done by students/teachers can be exported in word/pdf file.

00:53:45 amanda Helgerson: Scaffolding and support can help with students with IEPs and struggling readers. The richness of the work and the connections made and supporting multiple approaches helps so many students- in my experiences

00:53:47 Suzanne Nailor: @Christine...I tried to find on the internet....I may have it in my Google Drive...

00:54:33 Sarah Lubow: @Christine and @Suzanne, is this it?

<https://galileo.org/math-investigations/bean-pi/>

00:54:54 Sandhya Raman: I'm wondering if this will take some time to adapt

to...

00:55:01 Catherine Abbott: I have my students calculate Pi with oreos, erasers, paper clips, books, anything works as long as item is regular and the item is relatively small to the diameter.

00:55:04 Muhamad Jamal: 3 concepts mix into one. That's a great connection.

00:55:28 Rachell Scott: Yes, it is.

00:55:43 Suzanne Nailor: @Sarah...that is something similar.

00:55:47 Natasha Gambarov: This is too cool!!

00:56:03 Christine Rudakewycz: @Sarah, thank you! The page is still loading for me, but I will check it out later.

00:56:19 Kate Reardon: So cool!

00:56:36 David Barnes: What a great platform for "Notice and Wonder!"

00:57:07 Christine Rudakewycz: But I do like this activity once students understand what pi actually means. It really is a great way to connect the geometry to the algebra.

00:57:52 Taryn Brown: YES @Christine.

00:58:03 Leonor Fonseca: Just created an account

00:58:04 Maria Levreault: Students save their work, get a URL and send that to their teacher for the teacher to open and review

00:58:11 Leonor Fonseca: Thank you !

00:58:11 Katharine Zaragoza: Very cool

00:58:25 Nithya Soundararajan: Its an awesome tool

00:58:27 Maria Levreault: And send to teacher to review

00:58:31 Deniz Çakır: thank you!

00:58:32 Catherine Bronikowski: also a great way to get students to see different representations - and as a cs teacher as well, the creation of the table helps w/any spreadsheets

00:58:34 Rosalyn Bantay: Wow! Thank you..

00:58:41 Patricia Posey: How does this site compare to desmos?

00:58:51 Michael Rex: Is there a way to auto-populate the table based off changing something on the geometry "sticky". For example when you change the size of a circle can you have a table auto-populate for the length of the circumference?

00:58:56 Stacey Monroe: great for the remote learning

00:59:01 Emily Graff: And to Geogebra does the same thing

00:59:11 Suzanne Nailor: If you are interested in the Bean Pi activity, email me at [suzanne.nailor@gmail.com](mailto:suzanne.nailor@gmail.com). I can't find it in Drive to share but I have a hard copy I can scan and email.

00:59:12 Nicole Walden: The kids can do all of this on TI 84's, etc...and lessons go on and on and have saved programs that you just send to the kids. They learn a lot about what's "geometric law" by creating these according to the laws of geometry.

00:59:29 Mary Perez: Can you use this with Google Classroom for assignments?

00:59:33 Sheila Massingale: I have an account created. How do I choose which type of sticky I want to open?

00:59:43 Darlene Tyler: How do you share with your students? Do they need to create an account?

00:59:46 Veronica Galbreath: Is there a library of activities?

00:59:51 Emily Kavanagh: Will be creating an account after this class

01:00:13 Christine Rudakewycz: @Suzanne, thank you! I'll send you an email

later tonight.

01:00:17 Ms. Dillard: How do students submit  
01:00:22 Wanda Jones: does not want to connect to google - when I try to use email then it wont take any password I try to create - whaere can you get help with this  
01:00:22 Veronica Galbreath: Thanks!  
01:00:30 Nick DiGrispino: Definitely  
01:00:30 Michael Rex: Can multiple people/students work live on the same page at the same time?  
01:00:33 DaiTrang Phan: Thank you Karen  
01:00:38 Taryn Brown: Thank you Suzanne. Will email you later.  
01:00:40 David Barnes: Students could use URL share to turn into work to teacher.  
01:00:44 Amy Tucker: What is the difference with PLUS?

My Question 07:33 PM

(It says PLUS is free until Aug 31)

01:01:05 Catherine Livesay: Is there a specific type of hardware that it is compatible with?  
01:01:17 Maria Levreault: ClassPad has a lot of videos to show you how to use/share/etc.  
01:01:39 Susan Bardenhagen: Karen's email is on the pdf that was in the chat box with all of these activities and details. Thank you for this!  
01:01:46 Arlene Bachinela: What is this "plus" suite of classpad?  
01:02:06 Catherine Abbott: What is the difference between the FREE version and the PLUS version?  
01:02:18 Amy Chow: "PLUS" gives you access to CAS functionality, advanced Statistics and Handwriting Recognition.  
01:02:44 Catherine Abbott: YAY! the Unit Circle. TRIGONOMETRY.  
01:02:48 amanda Helgerson: CMP3 does a lesson similar to this! This lesson would make it dynamic and show them so many more cases  
01:03:20 Bridget Schaefer: @Wanda Jones, I had the same issue when I tried to sign up with my Google account.  
01:03:42 Nicole Walden: amanda - cmp3?  
01:03:42 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.  
  
01:04:10 Cristhy Galvez: @nicole connected math  
01:04:17 amanda Helgerson: Sorry- Connected Math Project version 3. They connect this to the Pythagorean Theorem  
01:04:32 Nicole Walden: amanda - thx  
01:04:35 Lyndsey Horton: CMP3 is connected mathematics. a discovery based curriculum from Pearson  
01:04:37 amanda Helgerson: Nicole :)  
01:04:42 Christine Rudakewycz: You can just jump right to  $r^2 = \underline{\quad}$ . No need to solve for r first.  
01:05:16 Krystal White: Agree, Christine. It's still a right triangle so use the Pyth Formula  
01:05:19 Nicole Walden: I'm really really pleased with all Pearson offers

online.

01:05:26 Emily Graff: Square  $r$  to get rid of the square root

01:05:26 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:06:08 Angela McCray-Hancock: This that in the 7th or 8th grade CMP3?

01:06:19 Nicole Walden: Christine, Krystal - but good reasons to do it more ways since you're trying to connect alg & geo

01:06:22 Christine Rudakewycz: @Emily, but when you apply the Pythagorean Theorem, you get  $r^2$  right away.

01:06:28 Catherine Abbott: After exploring, show students a family of graphs and ask them to predict the equation for the new graph based on their notew.

01:06:35 Cristhy Galvez: @angela cmp3 is 8th grade I believe

01:06:38 TaMerra Wallin: <https://classpad.net/billing> explains the difference of free, registered and Plus

01:06:57 Emily Graff: I believe she was undoing the square root then showing how it was derived

01:06:59 Rich Taggart: CMP#3 is 6-8

01:07:01 Angela McCray-Hancock: Thanks Cristhy!

01:07:02 Nicole Walden: As an Algebra 2 teacher, I like seeing operations with variables.

01:07:06 amanda Helgerson: CMP3 (connected math project) is 6 through 8

01:07:15 Nicole Walden: Catherine - nice!

01:07:26 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:07:27 Darlene Tyler: It seems as though classpad isn't compatible with google - is that correct?

01:07:28 Clare Thomas: @Angela, Pythagorean Theorem in the Connected Math Project (CMP3) is an 8th grade unit

01:07:30 Christine Rudakewycz: @NicoleW, yes, but wouldn't you naturally get  $r^2$  first, then if you want to, you can square root both sides to get  $r$ ? why would you solve for  $r$  first?

01:08:03 Nicole Walden: Christine - interesting to see what the kids would jump to 1st

01:08:14 Darlene Tyler: I LOVE CMP3. My struggling students are able to achieve based on the connections made in the units.

01:08:26 Emily Kavanagh: My students would like this website

01:08:27 Emily Graff: Isn't  $r$  the diagonal though so both sides would be have to found by taking square root

01:08:28 Darlene Tyler: Along with scaffolding and support from the IST

01:08:30 Catherine Abbott: Consider Jo Boaler's painted cube made of cubes problem. (See YouCubed.com

01:08:34 Suzanne Nailor: They will also see an exponential function if you connect the algebra and a visual graph of that data.

01:09:16 Nicole Campbell: I'm looking up CMP and it leads me to Michigan State University...is this correct?

01:09:23 Peter Santos: yes

01:09:33 Cristhy Galvez: @nicole yes they created it

01:09:40 Peter Santos: CMP also has a painted cube problem.

01:09:43 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:09:53 Nicole Campbell: Thank you!

01:10:00 Peter Santos: CMP is designed at Michigan State University and published by Pearson

01:10:02 Catherine Abbott: Painted Cube is a classic for a reason :)

01:10:04 amanda Helgerson: I was wondering what that line behind everything was. Thank you

01:10:11 Ronald Lubatti: CMP was dev at M State

01:10:12 India Puch: This is awesome!!!

01:10:26 Alana Roberts: Great exercise!

01:10:42 Peter Santos: CMP offers great trainings at Michigan State if you ever get the chance to go. Well worth it!

01:10:58 Suzanne Nailor: I did something similar to this with Illustrative Mathematics

01:11:05 Leonor Fonseca: Very useful !!!!!!! Great tool to demonstrate the connection.

01:11:05 Lindsay McCrary: love this!

01:11:09 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:11:10 Christine Rudakewycz: This is an amazing activity!!

01:11:25 Emily Graff: This is a wonderful resource, but I agree I thought this was geared more towards grades 6-8, not high school as some of us here are elementary and middle school teachers

01:11:33 Teresa Bulanda: CMP my all time fav curriculum!

01:12:02 Dawn Lopez: agreed Emily

01:12:03 Peter Santos: After teaching using CMP, I don't think I could go back to another curriculum.

01:12:17 Emily Graff: @Dawn :)

01:12:27 amanda Helgerson: quadratic

01:12:29 Sheila Massingale: quadratic

01:12:29 Leslie Johnson: quadratic

01:12:29 Susana Temprano: quadratic

01:12:30 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:12:31 Christine Rudakewycz: @Emily, your students could still plot some points to see that the area will increase faster.

01:12:34 Rich Taggart: I wish CMP would test their curriculum in inner city schools

01:12:47 Catherine Abbott: @Algebra 2 teacher....Have you tried Desmos "drawing with functions" activity where you draw cartoon characters (...or anything else) using various functions and a lot of boundary conditions.

01:12:50 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:12:53 Emily Kavanagh: I did a similar activity with my 8th Graders

01:12:54 Amy Tucker: I see that we are all on a "free PLUS" plan through

the end of the summer, but I wonder what will go away when we go back to school... AND how much it would cost to upgrade. (And the contact us on the site doesn't seem related to this... it's all Casio products to choose from)

01:13:05 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:13:10 Emily Graff: Coordinate plane and graphing points does have an mid connection

01:13:11 Suzanne Nailor: How is it quadratic? You can't have negative values...

01:13:23 Janet Archer: I thought this was geared towards grades 6-8

01:13:23 Catherine Abbott: @Amy....ask that great question in the Q&A section.

01:13:25 Catherine Bronikowski: this would be a great tool to plot some COVID-19 data - relevance or students

01:13:29 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:13:34 Emily Graff: @ Janet agreed me too

01:13:50 Masooma Razzak: You limit the domain

01:14:15 Charlene Montgomery: yes, restrict domain

01:14:22 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:14:53 Nicole Walden: yes - domain and range are a great add on

01:14:53 Muhamad Jamal: yes, the length of the sides is always positive. So, Limit the domain.

01:15:04 Catherine Abbott: This works with Grades 6 and 7 if you take out the regression analysis. This works with Grade 8 with linear regression (although they call it something else).

01:15:16 Suzanne Nailor: I get limiting the domain, but isn't exponential just one section of quadratic. I would think both would work and match...

01:15:23 Von Mumpfield: Will there be "answer keys" available for the activities?

01:16:02 Susan Bardenhagen: @Janet- I'm a k-5 teacher, but I've been taking all of these webinars and finding more creative ideas to engage students and help support my Math brain- even the HS ones. =)

01:16:26 amanda Helgerson: @Suzanne- exponential is a pattern of multiplication; quadratic is a pattern of constant second differences (linear is a pattern of constant first differences)

01:16:38 Catherine Abbott: I love to have my Grade 8 students write transformation directions to move shapes from a Tangram square to a Tangram shape. Then another student tries to use their directions. It's a hoot to watch.

01:16:44 Leslie Johnson: Here we have Zal Usiskin's concept development, again.

01:16:52 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:16:56 Sheila Massingale: This tool will do a lot of things automatically that I've struggled to show in GeoGebra! I love it.



01:17:10 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:17:37 mary ternoey: Can you write program to have these shapes reflect repeatedly, or slide several times, or magnify repeatedly?

01:17:45 KEISHA SMITH: Catherine, can you share the transformation direction activity...kdtsmith00@yahoo.com

01:18:01 Lorie Huff: Remember to change your chat to "All Panelists and Attendees" so everyone can see your comments.

01:18:19 Mark Phipps: I don't even look at the level for the presentation anymore. I have been to them all and found value in each one. You'll get better if you come and watch. Use what they show us and go and play with your math. It looks fun!

01:18:24 Christine Rudakewycz: This is the method taught in Europe for inverse functions.

01:18:30 Trish Harris: @Amy after the current 70 days, it is \$24.95/year for a single license at the awesome level. (Just looked it up.) Most functionality is free, however.

01:18:35 Teresa Bulanda: very useful, students do not want to do geometry "by hand" anymore!

01:18:51 Nicole Walden: Mark - same - lol

01:18:55 Shonda Moore: Catherine, can you share the transformation directions to scmoore.idt@gmail.com

01:19:12 William Luke: students need the ability to do problems by hand

01:19:13 David Barnes: @Mark - Love that strategy and you meet lots of great folks (attendees and presenters)!

01:19:22 Tessie Menta: Awesome

01:19:57 Trish Harris: This mesh of methods rather than thinking about levels first is so effective for meeting students where they are.

01:20:12 Catherine Abbott: @kdtsmith My home office is a pit right now, But I will leave a note to myself in Calendar and (hopefully) send you a copy when I can see my floor and desk...again.

01:20:33 Trish Harris: This is lovely! Thank you so much.

01:20:43 Mark Phipps: @David - this has been a game-changer for me. I haven't really taken a day off since the beginning of March and that changes soon, but I wouldn't change a thing. I don't think I could have learned what I have in twenty or thirty years teaching.

01:20:43 Lelia-allison Tsui: very useful presentation. Thank you very much

01:20:44 Ana Alcaraz: This was awesome thank you!

01:20:45 Sheila Massingale: Thank you! This has been incredible!

01:20:45 Sarah Sykes: This was incredible, Karen. Thank you!

01:20:47 Maral Aznavour: thank you!

01:20:47 Emily Graff: Great way to teach inverse functions

01:20:48 Tessie Menta: Thank you Karen

01:20:48 Nithya Soundararajan: This was great!!! Thank you so much

01:20:48 Natasha Gambarov: This is amazing to see! All these resources look super fun and I really want to use them as I begin my teaching career

01:20:49 dana dulzo: thank you for sharing

01:20:51 Sharon Black-MacKinnon: Love all the connections  
01:20:52 Arnold John Bulanadi: wonderful. Nice presentation!  
01:20:52 Mary France Imperial: This is wonderful!  
01:20:52 Lindsay McCrary: Thank you!  
01:20:53 Rachell Scott: Thank you this is a great presentation!  
01:20:56 Rene Stratton: this is so helpful, thank you!  
01:20:56 Nancy Davis: Thank you!  
01:20:57 Leslie Texas: Great presentation! Thanks  
01:20:59 Sheryl Rivera: This is great! Thank you!  
01:20:59 Rachel White: Great ideas. Thank you.  
01:21:00 Corina Liu: Thank you!  
01:21:00 Leslie Johnson: Thank you, Karen! Nice job  
01:21:01 Noemi Lopez: thank you!!  
01:21:01 Milagros Carbonera: This is awesome thank you  
01:21:03 Andrea Chew: Thank you!  
01:21:04 Myla Detecio: Thank you!  
01:21:04 Sharon Black-MacKinnon: Thank you so much for sharing!1  
01:21:06 Susan Danskin: Love the connection between reflection and inverse  
functions  
01:21:06 Christina Siow Young: Thank you for presenting!  
01:21:07 Stacey Monroe: Thank you so much. extremely informative  
01:21:07 Pamela Liegl: Thanks, Karen for a great presentation and examples.  
01:21:07 Patricia Posey: This is great! I can't wait to play with tihis.  
01:21:08 Ayunda Sri Wahyuningrum: thank you so much, Karen!  
01:21:09 Maureen Charron: Thank you this was an awesome webinar  
01:21:09 Sheila Kirton-Robbins: Thank you for a wonderful presentation.  
01:21:09 Gladys Okugbeni: Thanks  
01:21:10 Deniz Çakır: Thank you so much  
01:21:12 Lenora McGrath: From Lenora McGrath  
01:21:13 Lance Brauchla: REALLY like this!  
01:21:18 Peter Santos: Thank you!  
01:21:19 Melonie Smith: Great visual for students. Thanks, Karen!  
01:21:20 Krystal White: Lots of fun! Thanks for sharing!  
01:21:21 Catherine Cook: thank you very much for this  
01:21:21 Abigail Santiago: Thank you!!  
01:21:22 Tsungai Chiorera: Great!  
01:21:24 Gina Velasco: thank you this is a great presentation  
01:21:25 Leonor Fonseca: Kudos very helpful  
01:21:26 Bishnu Khanal: Thank you Karen!  
01:21:27 Leny Gaviola: thank you!  
01:21:27 Katharine Zaragoza: Thank you, very informative!  
01:21:29 Muhamad Jamal: Thank you for the sharing.  
01:21:30 Leslie Johnson: Now I have something to 'play' with this summer.  
01:21:31 Emily Kavanagh: Thanks for this extremely informative presentation  
01:21:32 Stephenia Courtney: Thank you!  
01:21:32 Mary France Imperial: Thank you so much!  
01:21:33 Susana Temprano: Thank you so much for sharing this tool. I  
teach what you presented already using desmos but it's not as friendly  
01:21:34 Mugdha Patil: I'm surprised I haven't heard or seen this tool  
before!

01:21:34 Gail Dean: Great new tool to play with! Thanks for the presentation

01:21:35 Kelli Chambers: great tool really enjoyed this presentation

01:21:35 Rachell Scott: The algebra and geometry connections was interesting.

01:21:38 Susan Moyer: Thank you very much! Class Pad will definitely be an additional technology that I will use in my classes!

01:21:38 Lynda Krivansky: So much more user friendly than Geometer's Sketchpad...

01:21:40 Nora Marasigan: Thank you so much!

01:21:40 Michelle Little: Thank you. Very good PD.

01:21:42 Mary Perez: This looks like a great program to use with math.

01:21:43 Patti Gawronski: Thank you!

01:21:43 Megan Riley: super cool

01:21:44 Carrie Linebaugh: Keisha, did you teach at Longfellow MS years ago?

01:21:45 Shashidhar Belbase: This tool provides both syntactic and semantic meaning of mathematics across geometry, algebra, data, and many more.

01:21:48 Rhonda Rampley: Thank you. Very informative

01:21:49 Ma.Cecilia Cueva: Thank you so much.

01:21:53 Lenora McGrath: Thank you so much! Very helpful,

01:21:54 Dominique Dawkins: Thank you

01:22:05 Tessie Menta: thank you so much

01:22:10 dana dulzo: this tool will help math discourse as we visualize the changes

01:22:12 Lynda Krivansky: So great to learn from you again! Thank you!

01:22:13 Shashidhar Belbase: This is very nice. Thank you for the introduction of this tool.

01:22:14 Angela Wilson: Thanks for sharing and I will share with my math team too; I only got math 7 and they have algebra and geometry though.

01:22:18 LANY JAMERO: thank you so much

01:22:19 Wanda Jones: thank you - hopefully someone will be able to assist with creating an account and then I can make use of this app - thank you

01:22:20 Brian Boles: Thank you

01:22:22 Nonye Obiora: Thank you Karen. This is great!

01:22:23 Michelle Little: Michelle Little, Nashville, TN

01:22:25 Rachell Scott: Thank you!!

01:22:30 Lina Young: Thank you. It's a great tool and your presentation is helpful and informative.

01:22:37 Gloria Flores: thank you

01:22:38 Jacquelyn Wardlow: Thank You! The presentation was great and I can't wait to explore with Classpad!!

01:22:50 Shashidhar Belbase: Thank you NCTM for such webinar series that updates all teachers and teacher educators.

01:22:50 Gloria Flores: awesome tool

01:22:51 Norliza Delina: Thank you for the presentation!

01:22:51 Jet Yeung: Thank you for sharing. This is a great tool I love it.

01:22:58 Susan Shuart: Thank you!

01:22:59 Antoinette Nista: Thank you—this has been very informative.  
01:23:00 Maria Knott: Thank you! Great tool for MS students that are struggling learners!  
01:23:01 Deborah Cosey: Thank you , Deborah Cosey NOLA  
01:23:14 Catherine Livesay: Thank you. I will try this.  
01:23:30 Phillippe Galicinao: Great tool. Context in geometry and algebra is important for understanding and retention  
01:23:34 Niphonephet Dupuy: Thank you so much. This will make learning fun for my students. Have a great evening!!!  
01:23:36 Nick DiGrispino: This was amazing! Thank you so much!!  
01:23:42 Taressa Brown: Thank you! Great information  
01:23:44 Catherine Abbott: Yes having students work as pairs or very small groups helps when they are using tech to make and write-up observations.  
01:23:49 April Flanders-Lee: Thank you, that is very interesting resource  
01:23:53 Andrea Nelson: Is it possible to make the activities in a way that students can interact, but not accidentally edit or delete the important materials?  
01:24:10 Carly Jardinier: Thank you for the presentation! What an awesome application!  
01:24:12 India Puch: Yes!!!  
01:24:34 Taryn Brown: This has been great! Thank you so much. I like the that students can work in one space.  
01:24:34 Mary Dugas: good comparison! thank u  
01:24:38 Mark Phipps: I could get lost in this for weeks  
01:24:41 Von Mumpfield: Will Answers Keys be available for the activities that are on the webiste  
01:24:54 Brandi Ledbetter: I love that you are describing the connection that kids need to see in math!  
01:24:56 Catherine Abbott: I wish we had MORE stats in Math 6 to 8  
01:25:01 Trena Wilkerson: Thank you Karen for a great tool and illustrating how it supports marking connections, multiple representations and more for algebra and geometry (and stats, data, and MORE!).  
01:25:01 Niphonephet Dupuy: This will cut down the cost of copying materials.  
01:25:09 Sandra Lambes: Thank you for your presentation!  
01:25:14 Catherine Livesay: That's cool!  
01:25:18 Joseph Townson: Thank you for this website and strategies!  
01:25:26 Catherine Abbott: U.S. Census bureau has GREAT stats lessons for math and history.  
01:25:39 Debbie Meaney: I excited to try this.  
01:25:41 Ana Guerrero: Thank you for this amazing tool  
01:25:51 India Puch: Thank you for this presentation!  
01:25:56 Sarah Chu: thank you for sharing this awesome tool  
01:25:58 Chonda Long: Download the handout for this session at [https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)  
01:26:01 Lesly Brown: So very helpful. Thank you.  
01:26:07 Anupama Anand: Thanks Karen for sharing this amazing tool  
01:26:12 Angelita Beltran: Thank you  
01:26:15 Genesis Docena: Could OneNote do something similar? It's my

districts preferred platform -\_\_\_\_\_ -

01:26:15 Nell Thurlow: Thank you for sharing!

01:26:20 Emily Kavanagh: So excited to use this tool. Cannot wait.

01:26:20 Susan Sennewald: Thank you! This was fabulous!

01:26:21 Chonda Long: Download the handout for this session at  
[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)

01:26:21 Catherine Abbott:  
<https://www.census.gov/programs-surveys/sis.html> STATISTICS IN SCHOOL

01:26:28 Jennifer Eaton: This was amazing! Thank you so much

01:26:29 Francis Kisner: Thank you for the session.

01:26:31 rachel west: thanks this was great. thanks nctm for all these  
free webinars and resources

01:26:34 Michael Rex: t

01:26:34 Portia Felder: Thank you for a great tool

01:26:35 Rhonda Jeffrey: Thank you for sharing all the educational resources

01:26:36 Michael Rex: Thank you

01:26:37 Nithya Soundararajan: Will you please also share those questions  
and answers with all of us too?

01:26:37 Beth Nalker: Thanks so much for sharing this resource and your  
lessons!

01:26:38 Roberta Ludwigsen-Hill: Thank you!

01:26:38 Julie Wankel: Thank You, very informative

01:26:38 Konnie Guthrie: Thank you.

01:26:39 Alycia Donati: Thank you!

01:26:42 Mark Phipps: karen - are you on twitter

01:26:43 Josephine Cazares-Adams: great seminar! thanks

01:26:43 Veronica Galbreath: Thank you so much!

01:26:44 William Luke: Thank you. Great session

01:26:45 Ma Emily Cadiz: Thank you so much!

01:26:45 Daniel Irving: Thank you for this incredible presentation,  
activities and resources!

01:26:46 Cristhy Galvez: thank you!

01:26:47 Phillippe Galicinao: Thank you Karen

01:26:48 Arlene Bachinela: Thank you so much!

01:26:49 Sharon Laahs: Thank you!

01:26:49 Kristi Wolfe: Thank you

01:26:49 amanda Helgerson: Thank you

01:26:49 Patricia Daugherty: Thank you very much!

01:26:50 Genesis Docena: great presentation thank you!!!

01:26:51 Rob Matyska: VERY helpful and VERY informative. THANK YOU!

01:26:52 Lance Brauchla: Thanks!

01:26:52 Young Welch: This was fantastic! Thank you!

01:26:53 Louise Phillips: Thank you! Great presentation.

01:26:54 Debra Cash: So excited to use this! Thanks.

01:26:54 Zorica Lloyd: Thank you!

01:26:55 Kathy Medrick: thank you!

01:26:58 Ronela Rodrigues: thanks

01:26:59 Susan Bardenhagen: We saw you and you saw all of our chat

comments. Thank you so much!!!

01:27:00 Pam Crombar: Thank you!

01:27:01 Patricia Schulz: Great tool, thank you for the Presentation.

01:27:05 Josephine Romero: Thank you!

01:27:06 Taryn Brown: Great session. Can't wait to go play around in this!

01:27:12 Catherine Abbott: Is the Chat part of session recording?

01:27:12 Rene Corrales: thank you interesting

01:27:14 matthew roberts: cool tool! thanks

01:27:14 Karen Greenhaus: twitter: @vpigreenie

01:27:16 Jet Yeung: I definitely will use these tool. Thank you

01:27:16 Katharine Zaragoza: Thank you!!!

01:27:17 Alana Roberts: Thank you!

01:27:19 Ann Swierzbin: Thank you

01:27:20 Judy Radigan: Thanks so much.

01:27:22 Angela Wilson: Thanks so much this was very informative.

01:27:24 Julie Leckman:  
Thank you so much this is fantastic!!! And is now one of my tools BTW my 8th graders are going to love this!

01:27:29 Wisnu Siwi Satiti: Such a great tool, very useful, thank you Karen!!

01:27:30 Teresa Bulanda: thank you for great resources!

01:27:31 Masooma Razzak: So excited to checkout classpad

01:27:32 Catherine Abbott: THANKS for the introduction to ClassPad.net

01:27:33 Marvin Respicio: Thank you!

01:27:34 Ronela Rodrigues: thank you so much great information ..I love it

01:27:34 Justin Klinger: Thank you. This was very helpful!!!

01:27:39 Dave Hankin: Thank you from Globe, Arizona, originally from Bucks County, PA.

01:27:44 Laxman Nepal: Thank you

01:27:59 JERRAME IBABAO: thank you very much

01:28:17 Melissa Arsen: Thank you so much! Great session!

01:28:25 Brian Boles: Thank you

01:28:29 Charlene Montgomery: Thank you!

01:28:30 Deniz Çakır: 10q, good evening from Turkey :)

01:28:36 L. Fresina: This was a fantastic and worthwhile session. Thank you so much for your time and resources!

01:28:45 Leonor Fonseca: Gracias from Miami, Fl will share with all

01:28:45 Karen Greenhaus: the handout will be with the recording

01:28:46 Jeanne Simpson: This was wonderful! Thank you!!!

01:28:47 Portia Felder: Good day

01:28:48 Rolando II Delos Reyes: Thank you so much! PH

01:28:52 Shashidhar Belbase: Thank you !

01:28:52 Marcella Clark: Thank you!

01:28:52 Ysrael Sarmiento (PH): Thank you NCTM and Ma'am Karen!

01:28:53 Maria Knott: Thank you!

01:28:55 Angela McCray-Hancock: Thank you so much!

01:28:58 Rosalyn Bantay: Thank you very much..

01:29:00 India Puch: Great sessions

01:29:00 Julie Leckman: Thank you thank you thank you!!!!  
01:29:04 Tsungai Chiorera: Thank you  
01:29:07 Anh Le: Thank you for another great session!!!!  
01:29:13 Mary Perez: Thank you  
01:29:20 Jonathan Marcovitz: Thanks.  
01:29:25 MEI OH: Thank you so much. Have a great summer!  
01:29:37 Dave Hankin: Good luck to the Drexel Dragons.....if we have  
sports anytime soon....  
01:29:37 Patricia Posey: I came in late where can I get the PDF?  
01:29:40 Pamela Goodwin: Thank you!! I loved the site and the connections you  
made between Algebra and Geometry!  
01:29:49 Wendy Britt: Thanks I will check this out tomorrow  
01:29:55 Christina Tully: Thanks so much!  
01:30:35 Candace Bailey: Thank you so much for this presentation  
01:30:40 Faith Peddie:  
[https://www.nctm.org/uploadedFiles/Conferences\\_and\\_Professional\\_Development/Webinars\\_and\\_Webcasts/Webcasts/June23WebinarHandout.pdf](https://www.nctm.org/uploadedFiles/Conferences_and_Professional_Development/Webinars_and_Webcasts/Webcasts/June23WebinarHandout.pdf)  
01:30:56 Dave Hankin: No overtime today????