

00:13:19 Melissa Campbell: Hello from Fort Payne, Alabama  
00:13:47 Sharon Black-MacKinnon: Hello from New Brunswick Canada  
00:13:49 Nicolette Nalu: Hi Melissa! :)  
00:13:49 Carol Matsumoto: Hi from Winnipeg  
00:13:50 Erin McDaniel: hello from Wilmington NC :)  
00:13:52 Lisa Kowalski: Hi from St Louis  
00:13:54 Brittney Melnick: Hi everyone from Cape Breton, Canada! :)  
00:13:57 Sonya Prince: Hello  
00:14:01 Olivia DeBruin: Hello from East Tennessee  
00:14:04 Monique De Rocher: Rolesville, NC  
00:14:06 Lisa Crawford: Hello form Nashville  
00:14:12 Catherine Anderson: Hello from Virginia  
00:14:18 Trena Wilkerson: Hello from Waco, TX!  
00:14:22 Elaina Fennell: Hey from Newfoundland, Canada  
00:14:24 Sonya Prince: My name is Sonya Prince and I am from Arizona.  
00:14:32 Carolyn Lammert: Hello in St. Louis  
00:14:36 Josefina Nava: Hello from Chicago!  
00:14:46 Kathleen Farry: Hi from Downingtown, Pa  
00:14:47 Lisa Waldman: Lisa from PA  
00:14:52 Natalie Jackson: Hi All from London, Ontario Canada  
00:14:52 Tonya Hagemeyer: Hello from Tonya in Arizona.  
00:14:56 Nicolette Nalu: Hello from AMTEA president and math specialist from  
Bama! Hi Jenny! We are ready for the amazing session you always bring!!!  
00:14:57 Scott Armstrong: Hello from London, Ontario, Canada :)  
00:15:02 Laura Warrington: Hello from Reston VA!  
00:15:05 Keiara Jones: Hello everyone from Dainerfield, TX!  
00:15:06 Trent Thomason: Columbia, TN  
00:15:17 Beverly Boyd: Hello from Arkansas  
00:15:20 Patti Kleinhanzl: Hello from Casa Grande, AZ  
00:15:23 Laurie Walker: Hello from Northampton,MA  
00:15:27 Stephanie Caragher: Hi from NH  
00:15:33 Toni Galassini: Hi from Chicago!  
00:15:37 Kelly Anderson: Saskatoon, Sask. Canada  
00:15:39 Aya Zvaigzne: Greeting from Nashville, TN  
00:15:42 Feben Ghirmay: Hello from London, UK  
00:15:43 Nellie Alvarez: Nellie Alvarez from Goodyear, Arizona  
00:15:52 Kim Ellis: Hi From Winter Park, FL  
00:15:54 Cindy Cliche: Hey there! Cindy from Tennessee!  
00:16:04 Debbie Whitehouse: Hi, from Champaign, IL  
00:16:12 Mary Johnson: HI from Pensacola, FL !!  
00:16:13 Chonda Long:  
<https://www.nctm.org/uploadedFiles/Math-Fact-Fluency-Handout.pdf>  
00:16:23 Sue Draper: Hi from Niagara Falls NY  
00:16:47 Kristina Crystal: Hi from Maryland!  
00:16:47 Terri McCarthy: Hi Terri from Danbury, Connecticut  
00:16:50 David Barnes: Download the handout for Jenny's session at  
<https://www.nctm.org/uploadedFiles/Math-Fact-Fluency-Handout.pdf>  
00:16:53 Bina Kachwalla: Hi from NZ  
00:16:56 Hollie Whiteman: Hello from East St Louis, IL  
00:17:09 Nicolette Nalu: Because they are ROCKSTARS!!! Jenny Bay is the way

to go!! LOL ;)

00:17:21 Nadia Messadi: Hello from Fayetteville, Arkansas!  
00:17:24 David Dai: Happy Monday from Mobile, AL!  
00:17:25 Barbara Boschmans: Hi, from Flagstaff, AZ  
00:17:30 Aya Zvaigzne: The mathematics teacher forces are alive and well !  
00:17:32 Nicolette Nalu: HI David!!!!  
00:17:33 Michael Minchella: Hello from Toronto!  
00:17:38 THEOPHILUS OKOCHA: Theo Okocha, JFK E3agle Academy, CMSD,  
Cleveland, OH  
00:17:43 Beth Kobett: Hello! Beth from Baltimore!  
00:17:55 Danielle Mooney: Hello from Bridgewater, Massachusetts  
00:17:56 Bridget Antos: Hi from Chicago!  
00:17:56 David Dai: Hi Nicolette! Glad to see you join!  
00:17:58 Cindy Kim: Hello from Texas!  
00:17:58 Olga Kosheleva: Hello from El Paso, TX  
00:18:02 Cindy Luper: Hi from Arkansas.  
00:18:06 Ron Perry: Hello from Williamsville, NY (Ron Perry)  
00:18:07 Christine Galle: Hello from Iowa  
00:18:08 Felicia Casto: Greetings from Sunny Western Colorado  
00:18:09 Melissa Luzano: Hafa Adai! Representing Guam and California!  
00:18:12 michael Lanstrum: Hello from Cleveland, OH  
  
00:18:13 Kerrie Becker: Hello from Palmyra, PA!  
00:18:17 Linda Venenciano: Aloha from Hawai'i!  
00:18:17 Julie Horn: Hello from Texas.  
00:18:18 Amanda Robertson: Hey from Denver!  
00:18:19 Madison Feeman: Hello from Reading, PA  
00:18:21 Jenifer O'Neill: Upstate NY  
00:18:22 Chonda Long: Handout -  
<https://www.nctm.org/uploadedFiles/Math-Fact-Fluency-Handout.pdf>  
00:18:24 Christina Hall: Hi from Yuma, AZ  
00:18:28 peter zirnis: from Toronto  
00:18:30 Kathleen Morris: Good evening from No. VA!  
00:18:31 Alicia Madsen: Hello. from Salt Lake City, UT  
00:18:31 Cindy Kleinrock: Hello from Nashville!  
00:18:34 Shari Sklar: Hello from 101 degree Chandler, Arizona!  
00:18:34 Jodi Prachyl: Fort Worth, TX  
00:18:34 Ann Hammonds: Hi from Harrisonville, MO  
00:18:36 Laura Glynn: Hi! From Bay Shore, NY  
00:18:36 Chrissy Roberts: Hello from Edmonds, WA!  
00:18:37 Larissa Bernat: Hello from Martha's Vineyard!  
00:18:38 Gordon Jones: Moreno Valley, CA  
00:18:38 Kitty McDowell: Hello all from Wartburg TN  
00:18:38 Brandi Ellenberger: Hello from the Houston area.  
00:18:39 Tiffany Stahl: Hello...Indiana  
00:18:40 Kris Mertens: Hello from Washington, Illinois  
00:18:41 Kris Brown: Hello from Canton, Missouri  
00:18:41 Kathy Kamauu: Aloha from Waimea Hawaii  
00:18:42 Ann Elise Record: Hi from Concord, NH!  
00:18:42 Galit Sandaev: hello from montreal, canada

00:18:44 Shelly Cruickshank: Shelly Cruickshank from Cornwall Ontario  
00:18:44 Susan Faulkner: Good evening from Susan in Va Beach  
00:18:45 Tamara Scott: Hello from Woodbridge VA  
00:18:45 Megan McCants: Megan McCants, Campus Math Specialist, Dallas, TX  
00:18:45 LEONESEA MORGAN: Hello I am from Desoto, Texas  
00:18:46 Denise Trakas: Denise Trakas, Reno, NV. (Hello David!)  
00:18:48 Molly Pomposelli Pomposelli: Hello from Needham MA  
00:18:48 Christine Percy: Christine Palm Beach, FL  
00:18:49 Lea McAllister: Hello from Michigan  
00:18:50 Deborah Chapdelaine: hello from Edmonds WA  
00:18:50 Amanda Zimolzak: Hello from Chicago, IL  
00:18:51 Angela Tseng: Hi, Everyone! This is Angela from Los Angeles, CA  
00:18:52 Sherry \*Bovey: Greetings from central Louisiana!  
00:18:55 Beth Roark: Cincinnati, OH  
00:18:55 Jessica Patterson: Hello from Chesterfield, VA!  
00:18:56 Lesley Collins: Hello from Manchester, KY  
00:19:00 Thomasenia Adams: Thomasenia Adams - Gainesville, FL  
00:19:01 Donna Callaghan: Donna Callaghan from Williamsville, NY  
00:19:06 Heather Nunnally: Hi there from Richmond, VA!  
00:19:07 Deborah Tytler: Hello from Battle Ground, Washington.  
00:19:07 Stephanie Prato: Rochester, NY  
00:19:07 Allison Keever: Etowah, NC  
00:19:09 Jade Boyd: Hi from Rockford, IL  
00:19:12 Vicki Roman: Vicki from Worcester, MA  
00:19:12 Dawn Schulte: Hello from Coastal North Carolina  
00:19:13 Stephanie Moore: Hello from Bedford, VA  
00:19:14 Audrey Hodgson-Ward: Hi from Edmonton Alberta Canada  
00:19:14 Lynda Wilkinson: Hello from Lethbridge, Alberta  
00:19:14 Brenda Boring: Hello from Hilliard, Ohio!  
00:19:16 Kelli Hollenkamp: Hi from Florence, KY  
00:19:17 Katelyn Devine: Hey from Richmond, VA!  
00:19:17 Valerie Clay: Hello Valerie from Willingboro, NJ  
00:19:18 Nicole Dollar: Stephens City VA  
00:19:19 Heidi Anderson: Hello all, I'm from Ellensburg, WA. I teach third  
grade.  
00:19:20 Sarah Patterson: Hello from Los Angeles!  
00:19:20 Kris Graham: morning from Sydney Australia  
00:19:22 Elisa Waingort: Hello, grade 5 Spanish bilingual teacher from  
Calgary, Alberta, Canada.  
00:19:25 Jan Back: Hello----Jan Back from Hampton, Tennessee  
00:19:27 Yvonne Williams: Hi from Woodway, Texas!  
00:19:29 Liz Walton: Hello from Lancaster, Ohio  
00:19:33 Jennifer Bickley: Hilliard, Ohio  
00:19:35 Dave Hankin: Hello from Globe, Arizona  
00:19:38 Daniel Irving: Hello from North Providence, RI.  
00:19:39 Jill Kieslich: Hello from De Pere, WI  
00:19:39 David Barnes: @Denise - Hi! Good to see you!  
00:19:40 Lorie Huff: Hello from Fayetteville, Arkansas  
00:19:42 Tamikia Greene: Salutations from Houston, TX  
00:19:46 Ibtissam Chahwan: Hello from Boston, MA

00:19:50 Lynda Ginsburg: Hi from Yardley, PA  
00:19:51 Claudette Mullins: Hello from Ohio!  
00:19:53 Lesly Brown: Good Evening from Knoxville, Tennessee  
00:19:53 Christine Tucker: Hi, I'm Chris from Kirkland, WA  
00:19:59 Rachel Lemuell: Hello from Philadelphia, Pa  
00:20:04 Michelle Silvia: Hello from Newmarket NH  
00:20:09 Stephanie Rish: Hello from Charlotte NC  
00:20:14 Kathy Leaver: Kathy from Spokane, WA  
00:20:18 Lisa Lambuth: Hello from La Mirada, CA  
00:20:33 Janet Jimenez: Good Evening from NYC  
00:20:34 Alessandra Kennedy: Alessandra from Chicago, Illinois!  
00:20:40 Caryn Gamache: Hello from the southcoast of MA  
00:20:42 Karl Rost-Wilcox: countdown by primes, skip count...;)  
00:20:44 JAcky Rodes: hello from VA  
00:20:45 Sara Lynn Cannady: Hello, This is Sara a Lynn Cannady fifth  
grade teacher at Midway Elementary in Sampson County, NC. I have 27 years of  
experience.  
00:20:48 Mona Starr: Hi everyone! Greetings from Fayetteville AR!  
00:20:48 Rochelle Peasley: Hello from Louisa, VA!  
00:20:51 Andrea Lee: Hi from Vancouver, BC, Canada  
00:20:55 David Barnes: Hi Peter and Nicole - I see your hands up. Is there  
something we can help you with?  
00:20:57 katrina winchester: Hello from Nashville  
00:20:58 Dee Crescitelli: Hi from Georgetown Kentucky!  
00:20:59 Stephanie Lee: Hi, I'm Stephanie from CA  
00:21:02 Shelby Newell: Hi, I'm Shelby from Maine.  
00:21:02 Stephenia Courtney: Hello from Las Vegas, NV  
00:21:02 AM Hohman: Hello from Alexandria, Virginia!  
00:21:05 Stephanie Bell: Hello from St Louis MO  
00:21:07 Stacy Miller: Hello from Brick NJ  
00:21:07 Diane Anderson: Hi...From Massachusetts  
00:21:12 Violeta dzikovic: Hi everyone! From Yonkers NY...5th grade  
00:21:13 Mary Anne Opila: Hi, From Villanova, PA  
00:21:14 Kasia Kidd: Hello from Rhode Island.  
00:21:18 Sarah Dickie: Hi, from Sarah in Prince Edward Island, Canada  
00:21:19 Alicia Broadwater: Hi, Alicia from Va Beach, VA  
00:21:23 Bertha Castro: Hi! From Casa Grande, Arizona  
00:21:27 Betsy Long: Hello from Columbus Ohio  
00:21:28 Jacqui Vansoest: Hello from Woodland Washington  
00:21:30 Denise Walston: hello from Denise, Chesapeake Va  
00:21:35 Joanmarie Kulinka: Hello From Joan Kulinka in Virginia Beach,  
VA  
00:21:40 Clarissa Rothe: Hello. From San Bruno CA  
00:21:40 Ronda Pedersen: Hello from Michigan  
00:21:40 Kira Northup: hello from WV!  
00:21:46 Jennifer Hinrichs: Hi from Jennifer in Cambridge, Ontario,  
Canada  
00:21:46 Ashley Cusick: Hello from northern VA!  
00:21:47 Lynn Lafferty: Hello! Lynn Lafferty from Erie, PA  
00:21:47 Skip Fennell: Hi from Westminster, Maryland

00:21:49 Rebecca Gonzalez-Kreisberg: Hello from Greenfield MA  
00:21:50 MONICA TIENDA: Detroit in da house!!  
00:21:53 Sheila Wong: Hello!  
00:21:58 Angela Cooper: Angela Cooper from Spring, TX  
00:22:00 Jennifer Grau: hello from Virginia  
00:22:00 Linda Smith: Hi again. Linda from Atlanta, GA  
00:22:00 Lucinda Smith: Hey from Battle Ground WA  
00:22:12 Hong Pun: Hello from San Jose, California  
00:22:13 Chi-Man Ng: Living in NJ, work in NYC  
00:22:17 Kathy Ernst: Hello from Long Island, NY  
00:22:17 Melissa Spada: Hi from Buffalo, NY!  
00:22:19 Andrea Green: Andrea Green NB, Canada  
00:22:19 Cecilia Lopez: Davis, CA  
00:22:20 Debra Delozier: Hello all from VA!  
00:22:20 Angelica Johnson: Memphis, TN  
00:22:22 Courtney Cooper: Hi, from Wethersfield, CT  
00:22:22 Raewyn Cole: Hi from Christchurch New Zealand  
00:22:24 Chonda Long: Handout -  
<https://www.nctm.org/uploadedFiles/Math-Fact-Fluency-Handout.pdfv>  
00:22:24 Dennis Regus: hello from Menifee, California  
00:22:25 Renee Catalano: Renee from Glendale, AZ  
00:22:25 Kristi Chiasson: Hi from Tucson, AZ  
00:22:26 Lori McDevitt: Charlotte, NC  
00:22:27 Amy Donnelly: Hi from NC  
00:22:28 Denise Parker: Hey from Lumberton NC  
00:22:28 debbie wells: Hello from Austin, Texas! Cooking while I  
watch/listen!  
00:22:29 W Tad Johnston: Hi from DC  
00:22:29 Denise Pasquale Gagliardi: Hi there! from Denise in  
Williamsville NY  
00:22:29 Paula Fitzpatrick: Paula from Lake Chelan WA  
00:22:30 Joyce Greenberg: Joyce Greenberg Memphis TN  
00:22:30 Susanne Villagracia: Susanne from Las Vegas NV  
00:22:31 Darlene Logan: Darlene Logan from Danville, VA  
00:22:32 Debra Stenman: Woodbridge, Virginia  
00:22:33 Joanne Speaks: Hi from Virginia  
00:22:33 David Liebowitz: Pleasantville, NY  
00:22:35 Diosa Doane: Aloha from Maui  
00:22:35 Kate Elder: Hello from NY  
00:22:36 Latrenda Knighten: Hello from Baton Rouge, LA  
00:22:37 Alfreida S Jamison: Hello from just outside of Chicago!  
00:22:38 Kathleen Williams: Kathleen from Naperville IL  
00:22:38 Sara Sweningsen: hello greetings from the Hudson Valley in  
New York State  
00:22:39 Terri Miller: Good evening from Jefferson City, MO!  
00:22:39 Velma Guidry: Velma Guidry Beaumont, TX  
00:22:40 Sherita Wells McMillian: Hello from Alabama!  
00:22:40 Kim Spencer: Hello from Harrisonville, Missouri  
00:22:40 Stacy Wozny: Hello from NC  
00:22:40 Nancy Farrin: Damariscotta, Maine

00:22:41 Kathy Slade: Kathy from Waukee, IA

00:22:41 Tyler Rackley: hello my name is Tyler 4th grade paraprofessional  
Bronx, New York

00:22:47 Debbie Thompson: Debbie from Kansas!

00:22:48 Becky Duprey: Hello from north eastern NYS

00:22:48 Quianna Watkins: Quianna Watkins; Decatur, GA

00:22:49 Cecilia Quinones: Hello, I am from San Gabriel, California

00:22:49 Nicolette Nalu: Hi Skip! I hope you are doing well. Randy Charles  
and I were talking about you the other day! I hope all is well!

00:22:49 Sharon Shrum: Sharon from Winchester, Virginia

00:22:52 Elizabeth Esqueda: Hello from San Jose, CA

00:22:53 Garbriella McEachern: Hello from Lumberton, NC

00:22:54 Cynthia Brunk: Hello from Virginia!

00:23:01 Patsy Ramirez: HI from Oak Harbor, Washington.

00:23:06 Lisa Hurst: Hello from Texarkana, TX

00:23:06 Jorge Veloso: Hello from Angola.

00:23:11 Brandon Daniel: Hi from Durham, NC

00:23:16 Kelly Ziegler: Hello from Pennsylvania

00:23:18 Donna Nelson: Donna Nelson from Conyers, GA

00:23:20 Alison Wilks: hello from northern California

00:23:21 Debbie McIntyre: Hello everyone! Winston-Salem, North  
Carolina

00:23:30 Jacqueline Booker: Hello from hot and sunny Santa Clarita, CA

00:23:34 Darlene Rowe: Hello from very hot Tucson, AZ...

00:23:34 Nora Magdaleno: hello from Chicago

00:23:35 Kimberly Steel-Keelor: Hello from Raleigh, NC!

00:23:41 Crystal Morton: Hello from Indianapolis, IN!

00:23:43 Michelle Cantu: Kingwood, Texas

00:24:08 Nicol Howard: Hello from SoCal

00:24:08 Cherri Wilson: Hi from Suffolk, VA

00:24:16 Rayna Bearss: Hello! Rhode Island here!

00:24:19 Allison Miller: Hello, from Spencer, WV.

00:24:20 Aaliyah Rogers: Mebane, NC 🙌

00:24:31 jennifer coleman: jennifer from Henrico, VA

00:24:33 Debbie Aldous: Near Seattle, WA

00:24:42 Chonda Long: Handout -  
<https://www.nctm.org/uploadedFiles/Math-Fact-Fluency-Handout.pdf>

00:24:42 Anicia Hibdon: Anicia Hibdon, Stockton, CA

00:24:45 Nicol Howard: Glad to see a topic related to engaging families.

00:24:50 Nicolette Nalu: Yes, Thank you NCTM! This one will be amazing as  
Jenny's always are!

00:24:54 Cynthia Zino: Cynthia Z in Tempe AZ

00:25:17 Kate Elder: it's snowing in NY

00:25:23 Pamela Stark: Hello from Massachusetts!

00:25:41 Suzanne Smith: Suzanne Smith, Mississippi

00:25:53 David Barnes: Download the handout for Jenny's session at  
<https://www.nctm.org/uploadedFiles/Math-Fact-Fluency-Handout.pdf>

00:27:43 Jennifer Gereshenski: Yes, respecting time!

00:28:23 Tara Fulton (Guerrero): @Megan: The QR Code has more. Her handout

for tonight was only 2 pages in length

00:28:44 Christina Tondevold: amen! that's an amazing point

00:28:55 Teresa Reddish: Wow. Yes!

00:29:01 jennifer coleman: great point!

00:29:31 Karl Rost-Wilcox: I love point #5

00:29:41 Leila Coester: Your book is amazing!

00:29:53 David Barnes:

<https://www.nctm.org/Store/Products/Math-Fact-Fluency--60--Games-and-Assessment-Tools-to-Support-Learning-and-Retention/>

00:30:09 Heather Nunnally: I use the boom a

00:30:22 Heather Nunnally: the book as a teacher and parent all the time

00:30:49 Ruchi Chakrabarti: Am I the only one who doesn't hear the speaker or is it everyone

00:31:08 Ann Elise Record: I'm hearing her.

00:31:08 Susanne Villagrancia: I can hear

00:31:14 Thomasenia Adams: I can hear

00:31:16 Michelle Bird: I can hear.

00:31:16 Alfreida S Jamison: I hear the presenter fine.

00:31:26 Sara Sweningsen: would love a pdf of some of these slides

00:31:29 Lori McDevitt: go to the audio setting on the bottom left

00:31:33 Michelle Silvia: I;m fine hearing

00:31:44 Elaine Boyer: Hi from Denver, CO

00:31:46 Ruchi Chakrabarti: thanks

00:31:48 Kim Ellis: Your connection might be shakey if you can't hear her

00:32:07 Cindy Luttrell: Or your speaker could be muted - I have done that!

00:32:10 Laronda Raines-Langham: Check your audio settings.

00:32:11 Lisa Lindsey: Hello from Georgia!

00:32:17 Chonda Long: You can test your audio settings

00:33:14 Alicia Madsen: yes

00:33:15 Kathleen Williams: yes

00:33:15 Rebecca Hill: yes

00:33:15 Alexis Kozin: yes

00:33:15 Nadia Messadi: yes

00:33:16 Staci Brock: yes

00:33:16 Clarissa Rothe: yes

00:33:16 Marie Boor: yes

00:33:16 Bryan Bagala: yes

00:33:17 W Tad Johnston: no

00:33:17 Maria Zavala: Yes

00:33:17 katrina winchester: yep

00:33:17 Susanne Villagrancia: Yes

00:33:17 Lori McDevitt: yes

00:33:17 Nicolette Nalu: YES!

00:33:17 Kris Graham: yes

00:33:17 Staci Hartman: yea

00:33:17 Sarah Dickie: yew

00:33:18 Rebecca Gonzalez-Kreisberg: yes

00:33:18 Denise Parker: yes

00:33:18	Stephenia Courtney:	yes
00:33:18	Brandi Ellenberger:	yes
00:33:18	Hailey Faiola:	yep
00:33:19	bonny davenport:	yes!
00:33:19	Frederique Yova:	yes
00:33:19	Tyler Rackley:	yes
00:33:19	Mary Anne Opila:	yes
00:33:19	Stephanie Rish:	yes
00:33:19	David Barnes:	a couple
00:33:19	Rochelle Peasley:	yes!
00:33:19	Dana Mutert:	yes
00:33:19	Elisa Waingort:	yes
00:33:19	Cindy Kim:	yes
00:33:20	Kathy Villarreal:	yes
00:33:20	Lisa Lindsey:	yes
00:33:20	Olivia DeBruin:	yes
00:33:20	Laura Diaz:	yes
00:33:21	Heidi Anderson:	yes
00:33:21	Dennis Regus:	YES!
00:33:21	Tonya Hagemeyer:	yes
00:33:21	Becky Duprey:	yes
00:33:21	Rayna Bearss:	yes
00:33:21	Daniel Irving:	Yes
00:33:21	Dawn Smith:	yep
00:33:22	Keiara Jones:	no
00:33:22	Kelli Hollenkamp:	yes
00:33:22	Stacy Miller:	yes
00:33:22	Mark Phipps:	no
00:33:22	Toni Galassini:	yes
00:33:22	Lucky Hoppe:	yes
00:33:22	Kaitlin Ray:	yes.....all 7s
00:33:23	Lisa Hurst:	yes
00:33:23	Penina Kamina:	yes
00:33:23	Tisha Grudzien:	yes
00:33:24	Nicol Howard:	yep
00:33:24	Beth Snoop:	yes
00:33:24	Kasia Kidd:	yes
00:33:24	Rosie Barnes:	yes
00:33:25	Helen Maurice:	yes
00:33:25	Michelle Silvia:	no
00:33:25	Patricia Okyne:	yes
00:33:26	Nicole Dollar:	yes
00:33:26	Cindy Luttrell:	no
00:33:26	Kris Mertens:	yes
00:33:26	Amy Donnelly:	yes
00:33:26	Valerie Clay:	yes
00:33:27	Sarah Schultz:	yes
00:33:27	Lauren Heimbürger:	yes
00:33:27	Carole Bamford:	yes
00:33:27	April Leach:	yes

00:33:27 Thomasenia Adams: no  
 00:33:27 Michelle Cantu: yes  
 00:33:28 Karl Rost-Wilcox: yes  
 00:33:28 Natasha Zimmerman: yes!  
 00:33:28 Molly Streicher: 100%!!  
 00:33:28 Lisa Kowalski: sadly no  
 00:33:30 Shari Sklar: yes  
 00:33:30 Melissa Forde: yes  
 00:33:30 Joanne Speaks: yes  
 00:33:30 Tabitha Stanton: no  
 00:33:31 Nellie Alvarez: yes  
 00:33:31 Lynda Ginsburg: yes  
 00:33:32 Stephanie Moore: yes  
 00:33:33 Laura Goss: yes  
 00:33:33 Kelly Kuster: yes  
 00:33:34 Velma Guidry: no  
 00:33:34 Diane Anderson: yes  
 00:33:34 Kathleen Wyckoff: yes!  
 00:33:35 Christina Tondevold: yes  
 00:33:35 Yvonne Williams: no  
 00:33:35 Allison Keever: no  
 00:33:36 Michelle Silvia: no  
 00:33:37 Sarah Dickie: yes  
 00:33:38 Darlene Rowe: Yes, for some of the 12 times tables facts  
 00:33:39 Sharon Black-MacKinnon: no  
 00:33:43 Nellie Alvarez: yes  
 00:33:46 Sheila Wong: yes and no  
 00:33:46 Maria Zavala: Yes, 9 + 6 I double check at lightening speed every  
 time, 10 + 5.  
 00:33:46 Rita Shamrock: yes  
 00:33:47 Melanie Doody: Yes! 7+4, 7+5, 8+4, 8+5. Got the rest!  
 00:33:49 Rhonda Kilgo: yes  
 00:33:57 Kimberly Rimbey: yes for addition/subtraction. no for  
 multiplication/division.  
 00:33:57 Michelle Silvia: But I love to teach various strategies  
 00:34:00 Rita Shamrock: yes  
 00:36:04 Amanda Robertson: How do we access the folder?  
 00:36:16 Denise Trakas: Thank you #NCTM for sharing this on Facebook live  
 and allowing our district to have a conversation around these ideas.  
 00:36:18 Angela Tseng: @Amanda, they were sent to you  
 00:36:24 MONICA TIENDA: QR code will give you folder access  
 00:36:25 Amanda Robertson: Thanks!  
 00:36:37 Chonda Long: There was a QR code that was posted. It should be  
 posted again at the end.  
 00:36:47 Molly Streicher: And to see patterns in the multiples of 5!  
 00:37:40 Katelyn Devine: Love doing squares and near squares. This supports  
 middle grades work!  
 00:37:56 Ruchi Chakrabarti: 12 15 28 18 45  
 00:38:02 Kristina Crystal: 12  
 00:38:05 Kristina Crystal: 15

00:38:05 Jacky Rodes: 12, 15, 28, 18, 45

00:38:06 Melanie Doody: I had to use my strategy on the first one.

00:38:10 Tyler Rackley: 12 15 28 18 45

00:38:12 Stephenia Courtney: 12 15 28 18 45

00:38:12 Denise Parker: 12 15 28 18 45

00:38:13 Kelly Kuster: 12 15 28 18 45

00:38:17 Kasia Kidd: 12 15,28, 18,45

00:38:17 Violeta dzikovic: 12,15,28,18,45

00:38:19 Bryan Bagala: 12, 15, 28, 18, 45

00:38:19 David Barnes: Um....

00:38:23 Mary Anne Opila: 12 15 28 18 45

00:38:23 Karl Rost-Wilcox: 12,15,28,18,45

00:38:23 Kristina Crystal: 28, 18. 45

00:38:29 Vanessa Sims: 12,15,28,18,45

00:38:30 Joanmarie Kulinka: 12.15.11.18.45

00:38:33 Nicole Dollar: I teach this way, but I use the multiplication chart as a visual! It is really nice for them to see all the facts they know and the small square they don't. Usually it is the 6-8's easy way to monitor progress

00:38:34 Darlene Rowe: I'll admit; I loved timed tests growing up and was very good at them. I understand why I don't teach like that!

00:38:35 THEOPHILUS OKOCHA: 12, 15, ...

00:38:36 Andrea Green: my old school mind had the answers memorized

00:38:38 Molly Streicher: The operators changing makes it tricky too!

00:38:55 Ruchi Chakrabarti: 102 150 60 105 245

00:39:01 Bina Kachwalla: For multiplication I do not use strategies as I have memorised when young

00:39:18 katrina winchester: It makes me sad when my 4th graders have never been exposed to  $9+6$  is  $10+5$

00:39:31 Amanda Robertson: similar digits

00:39:35 Rebecca Hill: digits

00:39:35 Keiara Jones: bigger numbers

00:39:36 NICOLE RIGELMAN: Love the way you are highlighting relational thinking...

00:39:36 Michelle Silvia: a pattern

00:39:38 Velma Guidry: common factors

00:39:39 Susanne Villagracia: Numbers are similar

00:39:41 April Leach: similar digits

00:39:41 Mary Anne Opila: some numbers are the same

00:39:41 debbie wells: Using lots of 10s and skip counting and break apart

00:39:41 Aya Zvaigzne: thank you

00:39:43 Anne Agostinelli: They may think quiz 2 is harder because they lack strategies

00:39:43 Amanda Robertson: place values increase in quiz 2

00:39:44 Latasha Little: the digit are larger in Quiz 2

00:39:45 Kerrie Becker: place value

00:39:45 Dennis Regus: #1 crosses the 10 and the 100

00:39:49 Nicolette Nalu: similar #s in Ts or Os

00:39:50 Stephenia Courtney: similar digit

00:39:52 Bina Kachwalla: great PDF is great

00:39:53 Tyler Rackley: Place value changing

00:39:57 THEOPHILUS OKOCHA: 102, 150, 60, 105, 245

00:39:58 Natasha Zimmerman: higher numbers in quiz 2 which visually can cause panic

00:40:01 W Tad Johnston: lots of similarities

00:40:06 Tamra Wilt: This would make a great number talk

00:40:07 Denise Parker: building on concept with a ten

00:40:14 Kelly Ziegler: Place Value

00:40:17 Latasha Little: the numbers are larger in Quiz 2 but they are relative to Quiz 1.

00:40:19 Molly Streicher: I agree, Tamra!

00:40:23 THEOPHILUS OKOCHA: larger numbers

00:40:24 W Tad Johnston: why disguise it? Can it be too obvious for an example?

00:40:28 Maria Celaya: Is there a link for the folder?

00:40:29 JAcky Rodes: number 3 took some time to see the relationship from the first quiz to the second. but I know that  $15 = 7 + 8$ , so since  $4 \times 7 = 28$ , and  $4 \times 8 = 32$ , then  $28 + 32 = 60$

00:40:32 Debra Delozier: #3 halving and doubling

00:40:38 Gordon Jones: three sixes or six threes is easy. but 35 threes is awful while three 5's and 3 thirys is easier

00:40:59 W Tad Johnston: 2 35s and 1 more is better

00:41:00 Rosie Barnes: distribute

00:41:09 David Barnes: "Useful strategies!"

00:41:16 Kelly Ziegler: Doubling

00:41:25 Michelle Silvia: distribute aloud also or engaging kids

00:41:34 Cindy Kim: the horizontal presentation of these problems will be something that the parents may not be familiar with - they want to automatically "stack" the numbers - standard algorithm method

00:41:40 Mark Phipps: Wow, speaking what happens in my head. I didn't really realize.

00:41:40 Stacy Miller: my strategy for 4 was different i did  $30 \times 3$  and  $5 \times 3$

00:41:42 Beth Kobett: Love the idea of thinking about how useful the strategy is for reasoning about operations with larger values

00:41:43 Bina Kachwalla: It would be really great to have families getting familiar to these

00:41:52 Michelle Silvia: "new math" is my favorite

00:41:53 Molly Streicher: I appreciate how you are using the language of groups when talking about multiplication rather than referring to it as repeated addition.

00:42:26 Lorie Huff: YES, Thank you for stating this!

00:42:45 Chonda Long: Jenny said that she will put a PDF of the slides in the folder

00:43:03 Maria Zavala: I haven't heard Jenny say "better" or "easier" at all. I like how intentional she is with saying "useful". It's the reminder that easy and better are super subjective. Depends on how you think.

00:43:05 katrina winchester: Why oh why are standardized tests timed???

00:43:17 Nadia Messadi: ACT Aspire is about 50 questions in 60 minutes

00:43:27 Rebecca Webb-Mullins: My daughter NEVER passed her times test and now she is in AP Geometry and teaching the other kids different ways to do things.

00:43:43 Karl Rost-Wilcox: I hated them!

00:43:51 Nadia Messadi: me too  
00:43:54 W Tad Johnston: Not all standardized test are timed, it's a policy  
choice  
00:43:55 JAcky Rodes: purple  
00:43:57 April Leach: purple  
00:43:59 Keiara Jones: blue  
00:43:59 Kelly Kuster: purple  
00:44:09 Bina Kachwalla: blue  
00:44:14 Stephenia Courtney: purple  
00:44:18 Joanmarie Kulinka: from joan purple  
00:44:19 Kelli Hollenkamp: blue  
00:44:20 THEOPHILUS OKOCHA: Green  
00:44:20 Latasha Little: This is one reason I became an educator. I felt my  
daughter was being taught mathematics in a disconnected way. It was difficult for me  
to help her and she was frustrated with math. She does like math to this day!!!!  
00:44:25 W Tad Johnston: Assuming that cards and dice are at home is a  
stretch in some places  
00:45:11 Bina Kachwalla: 7 3 3  
00:45:15 W Tad Johnston: G-0  
00:45:18 Michelle Silvia: 742  
00:45:19 Kristi Chiasson: 9 4  
00:45:21 Rebecca Hill: 7+4+2  
00:45:22 Kasia Kidd: 7,4,2  
00:45:24 Kathy Villarreal: 643  
00:45:24 Velma Guidry: green 94  
00:45:24 Lisa Crawford: 742  
00:45:25 Garbriella McEachern: 9, 4  
00:45:28 JAcky Rodes: is it find exactly 2 cards, or can we pick 3?  
00:45:29 Kris Mertens: 472 purple  
00:45:32 Mary Anne Opila: 9 4  
00:45:32 Stephenia Courtney: 7,4,2  
00:45:35 debbie wells: 7 3 3  
00:45:36 Christine Galle: G- 9 4  
00:45:36 Kris Graham: 9 and 4  
00:45:37 Angela Tseng: 9+4, 6+4+3,  
00:45:38 Kristi Chiasson: 643  
00:45:43 Denise Parker: 7 3 3  
00:45:44 Alexis Kozin: 9,4 & 4,3,6  
00:45:44 Velma Guidry: green 643  
00:45:46 Kathy Villarreal: 9+4  
00:45:46 Denise Pasquale Gagliardi: green: 9+4  
00:45:46 Lindsay Youngblood: Blue 3, 3, 7  
00:45:53 Keiara Jones: 8 7  
00:45:58 THEOPHILUS OKOCHA: 9 + 4  
00:46:06 Joanmarie Kulinka: 4,7,2  
00:46:08 Maria Zavala: Lots of emulators online these days:  
<https://deck.of.cards/>  
00:46:10 Kim Spencer: 94  
00:46:11 W Tad Johnston: G -1  
00:46:12 Janet Jimenez: Purple: 9 + 1 + 3

00:46:12 Stephenia Courtney: 8,6  
00:46:13 Kelly Kuster: 9+! and add 3 more  
00:46:14 Denise Parker: 9 4  
00:46:15 Michelle Silvia: 931  
00:46:16 Keiara Jones: 9 and 4  
00:46:17 Christine Galle:  $G = 9\ 3$   
00:46:18 Latasha Little: 8,6  
00:46:19 Velma Guidry:  $9+7-3$   
00:46:21 Joanmarie Kulinka: 9,3,1,  
00:46:23 Mary Anne Opila: 93  
00:46:24 W Tad Johnston:  $g-0$   
00:46:27 Christine Galle:  $G = 7\ 6$   
00:46:28 Denise Parker: 4 6 3  
00:46:29 Kathy Villarreal: 6+7  
00:46:31 Janet Jimenez: Purple: 8 + 5  
00:46:32 Velma Guidry:  $8+6-1$   
00:46:33 Stephenia Courtney: 5,8  
00:46:33 Barbara Harvey: 4 6 3  
00:46:35 Denise Pasquale Gagliardi: green: 8+5  
00:46:38 Kris Mertens: 85 purple  
00:46:40 Violeta dzikovic: 9,3,1  
00:46:46 Janet Jimenez: purple: 8 + 2 + 3  
00:46:47 Chonda Long: The QR code is in the top right of the screen  
00:46:49 Mary Anne Opila: 8 5  
00:47:01 Chonda Long: The QR code is at the top right of the screen  
00:47:08 THEOPHILUS OKOCHA: 8 + 3 + 2  
00:47:09 Joanmarie Kulinka:  $7+3+2$   
00:47:29 Rebecca Webb-Mullins: We made colored cards to send home because they don't have card or dice at home.  
00:47:32 Michelle Silvia: You can use it for integers also  
00:47:36 Ashley Cusick: You can even do fraction war!  
00:47:44 W Tad Johnston: why not call it product war?  
00:48:00 Adina Rochkind: these games are all luck based with no strategy to win. any strategy games?  
00:48:29 David Barnes: Here is the link to the folder  
<https://drive.google.com/drive/folders/17ZSTcZrVY3mzeMilN4FoUPfsa715vDKT>  
00:48:33 Tika Epstein: These are strategy games. The students are doing the heavy lifting.  
00:48:34 Michelle Silvia: They will engage with games  
00:49:00 Jeanetta Glass: I'm sitting in my car using the Zoom app on my phone, so QR code is not accessible to me.  
00:49:13 Angela Tseng: She'll send out a link with pdf  
00:49:55 Maria Zavala: repost from David:  
<https://drive.google.com/drive/folders/17ZSTcZrVY3mzeMilN4FoUPfsa715vDKT>  
00:50:53 Donald Wahlers: Casinos provide free cards and dice. Just call and arrange pickup ahead of time  
00:52:18 David Barnes: @Randy - I believe the point is that for students that are not currently fast or are not able to memorize, it doesn't mean they are not good at math.  
00:52:24 Nicolette Nalu: Yes! Great point!!! I love your intentionality in

your attention to precise mathematics vocabulary!

00:52:34 David Barnes:  
<https://drive.google.com/drive/folders/17ZSTcZrVY3mzeMilN4FoUPfsa715vDKT>

00:52:48 Chonda Long: The QR code links to the folder that Dave is sharing

00:52:53 Beth Kobett: Messaging is critical!

00:52:58 Jeanetta Glass: Thanks!

00:53:00 katrina winchester: heard that exactly

00:53:02 Diosa Doane: Strategies are an amazing way to support kiddos with special needs

00:53:06 Tamra Wilt: Strategies are the building blocks of math

00:53:07 Molly Streicher: Yes! That is so true!

00:53:10 Stephenia Courtney: Red flags

00:53:15 Nicolette Nalu: Hi Beth! Great session last week!!

00:53:23 Megan Holmstrom: the shift from “memorizing” to “strategies and understanding” has been important with families we work with... especially when supported with samples / examples of kids thinking

00:53:23 W Tad Johnston: Do not use not :-)

00:53:25 Heather Nunnally: I’ve heard other teachers say that in PD.

00:53:26 Beth Kobett: Yes - use an intentional asset approach!

00:53:27 Tika Epstein: The math shifts are important to share with parents. This messaging is helpful.

00:53:35 Maria Zavala: Yes, thank you Jenny! So important to say what you are doing.

00:53:36 Karl Rost-Wilcox: well said....

00:53:37 Diosa Doane: They can take strategies throughout their math careers

00:53:38 Beth Kobett: Thanks @nicolette!

00:53:56 Bina Kachwalla: These messages are awesome!!

00:54:12 Diosa Doane: I teach high school, so many kiddos don’t remember their math facts, but they do remember strategies

00:55:01 Karl Rost-Wilcox: I’ve had to explain just that! explaining that mastering math facts is embedded in all that is taught,

00:55:18 Haley Shein: Are any of these letters or resources for parents translated in Spanish as well?

00:55:34 JAcky Rodes: number talks are a great way to incorporatethe math fluency facts

00:55:39 Denise Parker: thanks for sharing Diosa. I teach 3rd grade and work hard to teach all the stragies I can.

00:55:46 Brandi Ellenberger: Spanish?

00:55:46 Melissa Spada: YAY WILLIAMSVILLE!

00:55:55 Cristen Kessler: yay Williamsville and Chris M.

00:55:58 Donna Callaghan: We enjoy working with you!!

00:56:02 Denise Pasquale Gagliardi: woo hoo!

00:56:03 Cindy Cliche: These are great resources for families! Thanks so much!

00:56:03 Kathy Kamauu: Please share the link not just the QR code

00:56:08 Diosa Doane: Thanks for sharing Denise

00:56:09 Sue Draper: Niagara falls here

00:56:10 Chris McGinley: :)

00:56:12 April Leach: i'm from near there!!! yay williansville

00:56:12 Kristen Streit: WooHoo Williamsville!  
00:56:15 Danielle Biekert: Yay to my Williamsville colleagues! :) We are so happy to be working with you!  
00:56:17 Melissa Luzano: @Diosa I agree! I also teach high school. When students don't have their facts memorized and just guess or say idk, it shows how important strategies are.  
00:56:17 Michelle Bird: Can we share these with families?  
00:56:18 Chonda Long: Here is the link -  
<https://drive.google.com/drive/folders/17ZSTcZrVY3mzeMilN4FoUPfsa715vDKT>  
00:56:32 Ron Perry: YES! WILIIAMSVILLE! Ron Perry)  
00:56:34 Melanie Myers: Thank you! We love working with you!  
00:56:39 Laronda Raines-Langham: The strategies often help students develop a deeper understanding of the relationships between the numbers and operations.  
00:56:58 Cristen Kessler: Hi Kristen Streit, it's Cris Kessler  
00:57:05 Diosa Doane: Exactly, Laronda  
00:57:07 Rebekah Stenner: I found the book by fluke on Amazon and it's one of my favorites now. We bought a copy for every school!  
00:57:23 Kristen Streit: Hi!! Miss seeing you!!  
00:57:30 Diosa Doane: I loved working with these strategies when I taught Elementary  
00:57:33 Linda Smith: Yes @Laronda. Relationships between quantities is critical.  
00:57:35 Cristen Kessler: aww thanks  
00:57:59 Denise Parker: it's important for elementary teachers to introduce math strategies, so other grades can build on that foundation  
00:58:19 Stephanie Rish: I do a lot with making ten in Kindergarten  
00:58:50 Wendy McGrael: Are these letter in Spanish too?  
00:58:53 Laronda Raines-Langham: I agree Denise Parker.  
00:59:07 Suzanne Smith: It can be used in upper grades to "fill in the gaps"  
00:59:09 Maria Zavala: Jenny, some of us would like to work with you to get some Spanish-language translations of these letters. If that happening or can we help make that happen?  
00:59:09 Mary Ellen Arthurs: What is the name of the book?  
00:59:09 Denise Parker: thanks Laronda  
00:59:14 Stephanie Rish: I just bought your book! Sounds like an amazing resource -)  
00:59:15 Andrea Yee: Wondering about letters in Spanish as well.  
00:59:29 Diosa Doane: @Denise, exactly! Good point  
00:59:31 Rebekah Stenner: Math Fact Fluency: 60+ games and assessment tools to support learning and retention  
01:00:09 Diosa Doane: Self-regulated strategy development is a way of teaching strategies to support students with and without learning disabilities  
01:00:30 Laronda Raines-Langham: Absolutely! Mathematical dispositions are contagious!  
01:00:37 Tika Epstein: It is important to have and model a growth mindset and a productive struggle.  
01:00:37 Rebecca Webb-Mullins: My favorite is "I'm math phobic"  
01:00:42 Heather Nunnally: when I taught 5th grade I would send home the strategies students came up with to multiply and divide. it showed the parents that their kids came up with it, not me

01:00:47 Joan Cotter: Hi from Hutchinson, MN  
01:01:00 Andrea Green: 4 out of 3 parents struggle with math. lol  
01:01:05 Dennis Regus: I had a colleague often say in meetings "I don't do math in public"  
01:01:11 W Tad Johnston: math is hard fun, need the struggle as well  
01:01:11 Joan Cotter: Girls are more affected by those negative comments.  
01:01:16 Maria Zavala: Ooo @Heather, I love that!  
01:01:21 Melissa Luzano: "I didn't grow up with Common Core, and I'm good at math."  
01:01:28 Kathleen Morris: Great article in yesterday's Sunday NYTimes addressing these and other important messages for parents! Great connections to your presentation, Jenny!  
01:01:47 katrina winchester: I try to say "I have to work harder in Math to feel successful, so when I am, I feel really great."  
01:01:57 Kaitlin Ray: Have a link to that article?  
01:02:05 Valerie Clay: Parents feel no stigma from being poor mathematicians. Yet they would not admit being poor in literacy.  
01:02:06 Beth Kobett: Absolutely be positive!  
01:02:16 Diosa Doane: I love literacy connections!  
01:02:53 Lori McDevitt: excellent ideas!  
01:02:54 Lorie Huff: I love real math examples!  
01:03:06 katrina winchester: It would be a dream world if all parents were talking like this with their kids. :)  
01:03:10 Danielle Iuculano: Ohhh I love that idea!  
01:03:10 Janet Jimenez: Now during remote learning, I love that some of the parents sit with their child during our math sessions.  
01:03:18 Tika Epstein: Bedtime Math has great examples and so does Illustrative Math.  
01:03:22 Karl Rost-Wilcox: I do that with addresses  
01:03:23 Diosa Doane: @ Janet, I like that too  
01:03:45 David Barnes: Here is the book Jenny is referencing - <https://www.nctm.org/Store/Products/Math-Fact-Fluency--60--Games-and-Assessment-Tools-to-Support-Learning-and-Retention/>  
01:03:51 Tika Epstein: Table Talk Math is Great  
01:03:52 Kathleen Morris: link to NY Times article referenced earlier: <https://www.nytimes.com/2020/04/22/well/family/coronavirus-home-school-math-help.html?smid=em-share>  
01:03:58 Mark Phipps: You are doing great. Most days someone manages the chat for the presenter!  
01:04:01 Maria Zavala: TODOS Math had a really nice webinar on what to do at home that develops math concepts [https://www.todos-math.org/index.php?option=com\\_content&view=article&id=523](https://www.todos-math.org/index.php?option=com_content&view=article&id=523)  
01:04:06 Jennifer Gereshenski: Our school made car hangers with ideas for math in the car on the front and literacy ideas in the car on the back  
01:04:10 Dennis Regus: I love the license plate with a target number idea  
01:04:13 Karl Rost-Wilcox: catch them out in candid math moments....  
01:04:31 Feben Ghirmay: Whats the candid maths idea?  
01:05:12 Tika Epstein: We have math nights. They love it! We incorporate a donated pizza dinner.  
01:05:29 MONICA TIENDA: Pizza and Problem-Solving!

01:05:40 Laronda Raines-Langham: We have math nights also, @Tika!

01:05:46 Angela Tseng: Yes! Family Math Night (Fall) and Family STEAM  
Nights (Spring)

01:06:13 W Tad Johnston: win at craps unless you need to make point

01:06:31 Karl Rost-Wilcox: when kids are playing with each other...say  
Pokémon cards, or trading/counting...relate it to math saying"...see, you can do  
math!" I use this for my students who insist they can't do math...it's to show they  
do it, even when they think they are not

01:06:59 Rebekah Stenner: We do this with goldfish crackers hiding in  
a cup!

01:07:29 Jenifer O'Neill: pompoms and jelly beans too

01:07:36 Angela Tseng: @Karl, when I switch to talking about money, my high  
school students understand how to problem solve so quickly.

01:07:41 Tamra Wilt: Kathy Richardson has some excellent number games for  
littles

01:07:53 Becky Duprey: The number path is great.

01:08:39 Janet Jimenez: I love doing math brain teasers with parents.

01:08:59 Karl Rost-Wilcox: ...yes they do! I watched kids one winter,  
trading and dealing in blocks of ice...for building forts...x block=y blocks,  
etc...MATH, amazing!

01:09:05 THEOPHILUS OKOCHA: 304

01:09:11 Tika Epstein: Sharing Number Talks is great to share with  
families.

01:09:17 Heather Nunnally: I always gave 1002-999 to my parents on back  
to school night. they loved it...I think

01:09:22 Rebecca Hill: LOVE number talks

01:09:26 Rebecca Hill: and fraction talks

01:09:29 THEOPHILUS OKOCHA: 308

01:09:52 April Leach: number talks are awesome in 4th grade!!!!

01:10:07 Violeta dzikovic: number talks are deff effective

01:10:29 Bina Kachwalla: love number talks

01:10:39 Karl Rost-Wilcox: ...great for diagnostic assessment, too

01:10:47 Rebekah Stenner: We don't want to use the algorithm for  
306-298!

01:11:10 Michelle Cantu: My district has us do math talks everyday in our 3rd  
grade. I have learned so much from my students listening to them.

01:11:59 Maria Zavala: Bring it!

01:12:07 Kinsey Vanderlee: myth

01:12:09 Denise Parker: myth

01:12:09 Kris Mertens: m

01:12:10 bonny davenport: myth

01:12:10 Rebecca Hill: M

01:12:10 Bina Kachwalla: M

01:12:10 Mary Ellen Arthurs: myth

01:12:11 Stephanie Rish: myth

01:12:12 Joanne Speaks: I wonder how many secondary teachers know these  
strategies?

01:12:12 Janet Jimenez: Myth

01:12:12 Thomasenia Adams: myth

01:12:12 Kasia Kidd: myth

01:12:12	Diosa Doane: myth	
01:12:13	debbie wells: myth	
01:12:13	katrina winchester:	yikes
01:12:14	Latasha Little: myth	
01:12:14	Valerie Clay: myth	
01:12:14	Mary Anne Opila:	myth
01:12:15	Nicole Brazile: myth	
01:12:15	Rosie Barnes: myth	
01:12:16	Heather Nunnally:	myth
01:12:16	Cristen Kessler:	myth
01:12:17	Lisa Williamson:	myth
01:12:17	Tabitha Stanton:	myth
01:12:19	Mary Johnson: myth	
01:12:23	Bina Kachwalla: T	
01:12:24	Kasia Kidd: true	
01:12:24	Diosa Doane: myth	
01:12:24	Thomasenia Adams:	myth
01:12:25	Rebecca Hill: T	
01:12:25	Kathleen Wyckoff:	truth
01:12:26	Liz Morris: myth	
01:12:26	Maria Zavala: no	
01:12:26	Ruchi Chakrabarti:	t
01:12:26	Latasha Little: true	
01:12:27	Stacy Miller: no	
01:12:27	Dennis Regus: myth	
01:12:27	Angela Cooper: yes	
01:12:27	W Tad Johnston: m	
01:12:27	Nicole Brazile: myth	
01:12:29	Denise Parker: truth	
01:12:29	Tika Epstein: Truth	
01:12:30	Tabitha Stanton:	truth
01:12:31	Mary Anne Opila:	t
01:12:31	Natasha Zimmerman:	true
01:12:34	Cindy Kim: truth	
01:12:35	Rosie Barnes: truth	
01:12:35	Diane Anderson: truth	
01:12:37	Barbara Harvey: true	
01:12:41	Thomasenia Adams:	What!
01:12:44	Kinsey Vanderlee:	myth
01:12:45	Teresa Reddish: truth	
01:12:46	Lori McDevitt: false	
01:12:47	Bina Kachwalla: M	
01:12:47	Janet Jimenez: myth	
01:12:48	Rebecca Hill: FALSE	
01:12:48	bonny davenport:	myth
01:12:48	Stephanie Rish: myth	
01:12:48	Michelle Cantu: m	
01:12:49	Kasia Kidd: myth	
01:12:50	Ruchi Chakrabarti:	my
01:12:51	Angela Cooper: false	

01:12:51	Jessica Patterson:	myth
01:12:52	Denise Parker:	myth
01:12:52	Tabitha Stanton:	false
01:12:52	Pamela Stark:	myth
01:12:52	JAcky Rodes:	false
01:12:52	Kris Mertens:	m
01:12:53	Lisa Williamson:	myth
01:12:53	Mary Anne Opila:	myth
01:12:53	Paige Roeder:	myth
01:12:53	Tika Epstein:	myth
01:12:54	Latasha Little:	myth
01:12:55	Joanne Speaks:	m
01:12:55	Cristen Kessler:	false
01:12:55	Lisa Lindsey:	myth
01:12:55	Lori McDevitt:	myth!
01:12:55	Diane Anderson:	myth
01:12:56	Lorie Huff:	myth
01:12:56	Susanne Villagrancia:	myth
01:12:56	Barbara Harvey:	myth
01:12:57	Cindy Kim:	false
01:12:57	Mary Johnson:	myth
01:12:57	Rosie Barnes:	Myth
01:12:57	Stacy Miller:	myth
01:12:57	THEOPHILUS OKOCHA:	myth
01:12:57	Natasha Zimmerman:	myth
01:12:57	Teresa Reddish:	myth
01:12:58	Thomasenia Adams:	myth
01:13:01	Kelli Hollenkamp:	myth
01:13:01	Janet Jimenez:	myth
01:13:01	Kasia Kidd:	truth
01:13:02	bonny davenport:	truth
01:13:03	Rebecca Hill:	M
01:13:03	Angela Cooper:	myth
01:13:03	Stephanie Rish:	true
01:13:03	JAcky Rodes:	fact
01:13:04	Kris Mertens:	t
01:13:04	Cindy Kim:	myth
01:13:06	Lisa Williamson:	truth
01:13:06	debbie wells:	myth
01:13:06	Stacy Miller:	yes
01:13:07	Jessica Patterson:	truth
01:13:07	Paige Roeder:	fact
01:13:07	Barbara Harvey:	true
01:13:07	Lisa Lindsey:	fact
01:13:08	Diosa Doane:	true
01:13:08	Teresa Reddish:	yes
01:13:08	Latasha Little:	true
01:13:08	Kinsey Vanderlee:	true
01:13:08	Danielle Iuculano:	true
01:13:08	Mary Johnson:	myth

01:13:08	Bina Kachwalla:	t	
01:13:08	Lori McDevitt:	true	
01:13:09	Mary Anne Opila:		t
01:13:09	Ruchi Chakrabarti:		t
01:13:09	Thomasenia Adams:		true
01:13:10	Diane Anderson:	true	
01:13:12	Beth Roark:	true	
01:13:14	Pamela Stark:	true	
01:13:16	Rosie Barnes:	truth	
01:13:16	Barbara Harvey:	true	
01:13:17	Kasia Kidd:	true	
01:13:17	Lori McDevitt:	true	
01:13:17	bonny davenport:		truth
01:13:18	Bina Kachwalla:	m	
01:13:18	W Tad Johnston:	TRUE	
01:13:18	Thomasenia Adams:		true
01:13:18	Kris Mertens:	m	
01:13:19	Kinsey Vanderlee:		myth
01:13:19	Stephanie Rish:	true	
01:13:19	Mark Phipps:	True	
01:13:19	JAcky Rodes:	myth	
01:13:19	Ruchi Chakrabarti:		true
01:13:20	THEOPHILUS OKOCHA:		true
01:13:20	Daniel Irving:	True	
01:13:21	Lisa Lindsey:	truth	
01:13:21	Lynn GRice:	false	
01:13:21	Stacy Miller:	true	
01:13:22	Susanne Villagracia:		truth
01:13:22	Mary Anne Opila:		t
01:13:22	Beth Roark:	true	
01:13:22	Rosie Barnes:	truth	
01:13:22	Joanne Speaks:	t	
01:13:23	Teresa Reddish:	true	
01:13:23	Latasha Little:	true	
01:13:24	Angela Cooper:	true	
01:13:24	Cindy Kim:	true	
01:13:24	Cristen Kessler:		truth
01:13:24	Mary Johnson:	true	
01:13:24	Pamela Stark:	true	
01:13:25	Bryan Bagala:	true	
01:13:28	Joanne Speaks:	m	
01:13:29	Rebecca Hill:	NOPE	
01:13:29	Kinsey Vanderlee:		myth
01:13:29	Lori McDevitt:	myth	
01:13:29	Kasia Kidd:	myth	
01:13:30	Bina Kachwalla:	m	
01:13:30	Michelle Cantu:	m	
01:13:30	Lisa Lindsey:	myth	
01:13:30	Stephanie Rish:	myth	
01:13:30	Barbara Harvey:	myth	

01:13:30	Bryan Bagala:	false	
01:13:31	Kris Mertens:	m	
01:13:31	Tika Epstein:	myth	
01:13:31	JAcky Rodes:	myth	
01:13:31	Thomasenia Adams:		False
01:13:31	Latasha Little:	myth	
01:13:31	Lynn GRice:	false	
01:13:31	Danielle Iuculano:		myth
01:13:31	W Tad Johnston:	FALSE	
01:13:31	Cristen Kessler:		myth
01:13:31	bonny davenport:		myth
01:13:32	Dennis Regus:	myth	
01:13:32	Sonya Prince:	FALSE	
01:13:32	Diosa Doane:	nope	
01:13:32	Janet Jimenez:	myth	
01:13:32	Cindy Kim:	myth	
01:13:33	Penina Kamina:	myth	
01:13:33	Paige Roeder:	myth	
01:13:33	Daniel Irving:	Myth	
01:13:33	THEOPHILUS OKOCHA:		myth
01:13:33	Teresa Reddish:	no	
01:13:33	Mary Anne Opila:		m
01:13:33	Ruchi Chakrabarti:		nope
01:13:33	Denise Parker:	myth	
01:13:34	Susanne Villagrancia:		myth
01:13:36	Kinsey Vanderlee:		myth
01:13:36	Rosie Barnes:	Myth	
01:13:37	Lynn GRice:	false	
01:13:37	Rebecca Hill:	NOPE	
01:13:37	Kris Mertens:	m	
01:13:37	Stephanie Rish:	myth	
01:13:37	Janet Jimenez:	myth	
01:13:37	Pamela Stark:	myth	
01:13:37	Dennis Regus:	nope	
01:13:37	Kasia Kidd:	myth	
01:13:38	Michelle Cantu:	m	
01:13:38	Diosa Doane:	no	
01:13:38	Lori McDevitt:	m	
01:13:38	Barbara Harvey:	true	
01:13:38	Bina Kachwalla:	m	
01:13:38	Cindy Kim:	myth	
01:13:39	Lisa Lindsey:	myth	
01:13:39	Susanne Villagrancia:		myth
01:13:39	Thomasenia Adams:		myth
01:13:39	Sonya Prince:	FALSE	
01:13:39	Joanne Speaks:	m	
01:13:39	Penina Kamina:	true	
01:13:39	Cristen Kessler:		myth
01:13:39	Danielle Iuculano:		myth
01:13:39	bonny davenport:		no

01:13:39	Violeta dzikovic:	myth
01:13:39	Ruchi Chakrabarti:	nope
01:13:40	Latasha Little:	myth
01:13:40	Paige Roeder:	myth
01:13:41	Denise Parker:	myth
01:13:41	Beth Roark:	myth
01:13:41	Mary Anne Opila:	m
01:13:42	Erica Bagala:	false
01:13:42	JAcky Rodes:	no
01:13:43	Mary Johnson:	myth
01:13:44	Tika Epstein:	huge myth
01:13:45	Joyce Greenberg:	myth
01:13:46	Stephanie Rish:	true
01:13:46	Bina Kachwalla:	t
01:13:47	Lynn GRice:	yes
01:13:47	Pamela Stark:	false
01:13:47	Michelle Cantu:	t
01:13:47	Kasia Kidd:	truth
01:13:48	Lori McDevitt:	true
01:13:48	Kris Mertens:	t
01:13:48	Dennis Regus:	yes
01:13:48	bonny davenport:	true
01:13:48	Latasha Little:	truth
01:13:48	Barbara Harvey:	true
01:13:48	Wendy McGrael:	truth
01:13:48	Diosa Doane:	true
01:13:49	Sonya Prince:	TRUE
01:13:49	Danielle Iuculano:	true
01:13:49	Kinsey Vanderlee:	true
01:13:49	Rebecca Hill:	true
01:13:50	Lisa Williamson:	true
01:13:50	debbie wells:	true
01:13:50	Teresa Reddish:	truth
01:13:50	Susanne Villagracia:	truth
01:13:50	Mary Anne Opila:	t
01:13:50	Cristen Kessler:	truth
01:13:50	Janet Jimenez:	fact
01:13:50	Thomasenia Adams:	true
01:13:50	Bryan Bagala:	true
01:13:50	Lisa Lindsey:	truth
01:13:51	Paige Roeder:	true
01:13:51	JAcky Rodes:	true
01:13:51	Stacy Miller:	true
01:13:51	Rosie Barnes:	Truth
01:13:51	W Tad Johnston:	TRUE
01:13:52	Cindy Kim:	true
01:13:53	Beth Roark:	true
01:13:53	Erica Bagala:	true
01:13:53	Joyce Greenberg:	true
01:13:56	THEOPHILUS OKOCHA:	true

01:13:56 Mary Johnson: true  
 01:13:56 Pamela Stark: true  
 01:14:01 Thomasenia Adams: Hope I got a few right :)  
 01:14:03 Rebecca Hill: yes  
 01:14:03 Lori McDevitt: true  
 01:14:03 Kris Mertens: t  
 01:14:04 bonny davenport: true  
 01:14:04 Bina Kachwalla: t  
 01:14:04 Kasia Kidd: truth  
 01:14:04 Sonya Prince: TRUE  
 01:14:04 Wendy McGrael: truth  
 01:14:04 Stephanie Rish: true  
 01:14:05 Lisa Lindsey: truth  
 01:14:05 Barbara Harvey: true  
 01:14:05 Cristen Kessler: truth  
 01:14:05 Cindy Kim: true  
 01:14:05 Thomasenia Adams: true  
 01:14:05 Susanne Villagrancia: yes  
 01:14:06 W Tad Johnston: mostly  
 01:14:06 Ruchi Chakrabarti: yes  
 01:14:06 Bryan Bagala: true  
 01:14:07 Erica Bagala: true  
 01:14:08 Janet Jimenez: tru  
 01:14:08 Mary Anne Opila: t  
 01:14:09 Latasha Little: true  
 01:14:10 Beth Roark: true  
 01:14:11 Violeta dzikovic: true  
 01:14:25 Thomasenia Adams: Something about using fingers  
 01:14:30 Rebecca Hill: 0000 like that  
 01:14:38 Alfreida S Jamison: Faster = smarter  
 01:14:39 Tamra Wilt: Students who do not know their facts will never  
 succeed at math - false  
 01:14:41 Janet Jimenez: you don't need math as an adult  
 01:14:43 W Tad Johnston: You can't solve problems before you learn your  
 facts.  
 01:14:45 Heather Nunnally: using fingers is not a good strategy for  
 kids to use  
 01:14:46 Aya Zvaigzne: Too much reliance on calculators can be deletirious  
 01:14:48 Nicolette Nalu: Yes, fingers are great tools!! :)  
 01:14:49 Tika Epstein: I like the rubric.  
 01:14:49 Maria Zavala: "Once they have one way to do it, that's all they  
 need." I think this would be myth.  
 01:14:54 Bina Kachwalla: Great rubric  
 01:15:02 David Barnes: Slapping knuckles with a ruler is a good motivation  
 for learning basic facts.  
 01:15:02 Nicolette Nalu: Yes, Maria!! Great one!!  
 01:15:03 Amy Donnelly: Great rubric  
 01:15:03 Ann Elise Record: If you as a parent were not good at math,  
 then your children won't be good at math.  
 01:15:14 Debra Woodrum: What's wrong with fingers? You have 10, and they're

always with you. It's ONE perfectly fine strategy in a student's toolbox.

01:15:21 Thomasenia Adams: Another context to consider : Flash cards as a way to support fluency

01:15:45 Heather Nunnally: using fingers was a myth

01:15:50 Barbara Harvey: Myth-Boys are better in math than girls.

01:16:10 Latasha Little: using fingers and manipulatives is a scaffolding strategy to get students to visualize the numbers until they achieve automaticity

01:16:11 Sue Draper: math gene

01:16:25 Stephenia Courtney: Love the rubric!

01:16:29 Rebecca Hill: YICKES

01:16:35 Danielle Mooney: trauma

01:16:37 Gina Yoder: Ridiculous!!

01:16:37 Diosa Doane: I remember those, they were fun

01:16:41 MONICA TIENDA: ...but did you learn, @DavidBarnes? LOL

01:16:42 Tika Epstein: The timed test still gives me anxiety!

01:16:57 Laura Diaz: EEEEEK!!!

01:17:35 mary ingram: This was great information to share with colleagues and parents

01:17:36 Diosa Doane: Yeah, so many kiddos have processing issues . Those fact tests can cause so much anxiety

01:17:41 Donna Callaghan: My college aged daughter is sitting here and she said how anxious she used to get when she saw that slide of the timed test.

01:17:45 LEONESEA MORGAN: Love this

01:17:46 Becky Duprey: Nicki Newton's Running Records are great too.

01:17:52 katrina winchester: I know some teachers use timed tests for speed practice, but never graded. Is that valid?

01:17:54 Bina Kachwalla: fact sort!! Great stuff

01:17:54 Maria Zavala: I like the idea of "fact sort" placemat.

01:18:07 Laronda Raines-Langham: Is Monkey in the Middle an appropriate addition strategy to teach? EX:  $6+8 = \text{Double } 7$

01:18:08 Tamra Wilt: AWESOME Presentation! Thank you!!

01:18:17 Tisha Grudzien: games

01:18:20 Thomasenia Adams: Thanks for laying this out so clearly. Stay well!

01:18:20 Michelle Silvia: thank you

01:18:21 Gina Yoder: Gracias, Jenny!

01:18:21 Beth Kobett: Fabulous presentation, Jenny!

01:18:25 Brandon Daniel: Games! Games! Games!

01:18:25 Rosie Barnes: games

01:18:25 Alina Argote: Thank you for all of this information.

01:18:28 Susanne Villagracia: Thank you so much this was amazing

01:18:28 Joyce Greenberg: make

01:18:29 Barbara Harvey: I love the ideas of games and low stress

01:18:29 Bina Kachwalla: Superb presentation thank you

01:18:32 Cristy Holtzclaw: second the Nikki newton running records-they're great

01:18:32 Stephenia Courtney: real-life connections

01:18:33 Stephanie Rish: This was amazing!!! Thank you so much for the great information =)

01:18:34 Kris Graham: thanks so much

01:18:35 Tabitha Stanton: I really loved Lucky 13  
01:18:36 Catherine Anderson: Thank you so much!  
01:18:36 Amy Donnelly: games and the last strategy about the sorting with families  
01:18:38 Maria Zavala: @Katrina, I would bet that's a no. What we do with kids is what gets valued. So my guess is better not to.  
01:18:38 Dawn Schulte: Including math in Kindergarten orientations  
01:18:39 Velma Guidry: procedural fluency and building strategies  
01:18:39 Vanessa Sims: Thank you  
01:18:39 Cynthia Brunk: Thank you for this information!  
01:18:40 Becky Duprey: I loved the idea of giving a quiz to the parents.  
01:18:41 Mary Grove-Stover: Love the rubric. Need to discuss with teachers.  
01:18:41 Katie Johnson: Thank you!  
01:18:42 Lisa Crawford: Thank you so much.  
01:18:43 Lisa Lindsey: Great presentation! Thank you!  
01:18:44 Kelly Kuster: how to share information with families  
01:18:45 debbie wells: Really like the bowl sorting of flash cards  
01:18:45 Mary Johnson: Thanks for these good ideas.  
01:18:45 Teresa Reddish: Very helpful.  
01:18:45 Cristen Kessler: early conversations with students and parents  
01:18:45 Melanie Doody: Kindergarten Orientation discussion of games and numeracy  
01:18:46 Patti Kleinhanzl: Use the opportunities of family nights to share these ideas. Thank you!!  
01:18:46 Kelly Ziegler: Thank you for a great presentation.  
01:18:47 Lynda Wilkinson: Excellent! Thanks for this information!  
01:18:48 Olivia DeBruin: I loved that someone has some "facts" and supports that timed test are not a good assessment type.  
01:18:48 Aya Zvaigzne: It is critical that parents do not give negative messages about math to their children.  
01:18:50 Patricia Ishihara: Thank you! Reminds me of how fun learning math can really be! : )  
01:18:50 Crystal Morton: Thank you!  
01:18:50 Laronda Raines-Langham: Thanks!  
01:18:51 Larissa Bernat: Love the ideas for back to school night!  
01:18:52 Joyce Greenberg: making math part of family conversations  
01:18:54 Kerrie Becker: I'm inspired to plan a parent/student number talk during our online learning this spring  
01:18:54 Nicole Brazile: Thank you Jenny  
01:18:55 Kris Mertens: math games and resources at kindergarten orientation  
01:18:55 Sonya Johnson: Very helpful  
01:18:56 April Leach: games sooooo good for fun fluency  
01:18:58 Sue Draper: awesome  
01:18:59 Diosa Doane: This was such a great and engaging webinar!  
01:19:00 bonny davenport: Amazing as always! Thank you so much!  
01:19:01 Tabitha Stanton: Thanks for this pd!  
01:19:05 Elisa Waingort: Great presentation! Thank you!  
01:19:07 Kaitlin Ray: Showing basic fact next to harder problems that

strategies will help!

01:19:13 Ann Marie Nee: Thank you! Great ideas to share with kids and parents!

01:19:17 jennifer coleman: Jo's article is awesome

01:19:19 Leila Coester: I always learn so much from you Jenny. Thanks again.

01:19:20 Nicolette Nalu: Awesome articles!!!

01:19:23 Stephenia Courtney: Thank you! Another AWESOME webinar...

01:19:28 April Leach: thank you...

01:19:31 Cristy Holtzclaw: love your book! I've been reading through it recently. thank you for tonight

01:19:31 Gina Yoder: Can you please put those 2 articles in the folder too?

01:19:32 Christine Tucker:

So many ideas! This was awesome. Thank you so much Jenny. Thank you to Tara and Chonda too.

01:19:32 Kimberly Steel-Keelor: Are you referring to Fluency without Fear?

01:19:35 Heather Rodriguez: What is the article is it?

01:19:38 Kerrie Becker: Thank you!

01:19:39 Sarah Dickie: I love both of those articles!!

01:19:41 Tracy Wood: Fluency Without Fear

01:19:44 Lisa Lambuth: The fact sort idea will be helpful!

01:19:47 Aya Zvaigzne: thank you

01:19:58 Kris Mertens: fact strategy sort

01:19:58 Sharon Black-MacKinnon: Thank you so much Jennifer for this webinar! Love your presentation.

01:20:00 Sara Sweningsen: where is folder

01:20:02 Ron Perry: We HIGHLY recommend reading her book Math Fact Fluency!

01:20:02 Lisa Lindsey: Where is the folder? I signed on late.

01:20:05 Jackie Botts-Crawley: Thank you so much for the great information! This was an awesome PD.

01:20:07 Yvonne Williams: Great articles!

01:20:14 Becky Duprey: The Rules that expire article is great too.

01:20:25 Janet Jimenez: Most importantly, some parents need the confidence to embrace math. The ideas presented in this webinar will definitely be a gateway for parents to transfer that emotion to their children.

01:20:28 Trena Wilkerson: Thank you Jenny! Great ideas and important ideas to consider related to math fact fluency.

01:20:34 Diosa Doane: Great question, I have high Schoo students with special needs who have not memorized facts

01:20:35 Debbie McIntyre: Thank for the parent gathering ideas to present math information.

01:20:35 Lynn Sykes: Do you send a recording of this presentation??

01:20:42 Andrea Green: Thank you for the great webinar!

01:20:43 Nicolette Nalu: Yes, 13 rules in Elem, 12 in MS, and another article in HS.

01:20:44 Janet Jimenez: Great webinar! Thank you!

01:20:52 Diosa Doane: \*school

01:21:06 Kelli Hollenkamp: thank you  
01:21:08 Denise Parker: enjoyed your presentation-very informative  
01:21:10 Tamra Wilt: Articles just mentioned:  
<https://www.jstor.org/stable/10.5951/teacchilmath.20.issue-8>  
01:21:23 Melissa Campbell: Leaving for another meeting-Thanks for an  
awesome webinar!  
01:21:31 Kelly Kuster: thank you for sharing your time and expertise  
01:21:35 Hong Pun: Can you post the myths in the folder?  
01:21:36 Arlene Smith: Thank you for your great ideas.  
01:21:45 Olivia DeBruin: Thank you!  
01:21:46 Aya Zvaigzne: Thank you for posting all the links  
01:22:00 Kaitlin Ray: Thank you!  
01:22:13 April Leach: thank you for your thorough sharing  
01:22:34 Daniel Irving: Thank you for this incredible presentation and  
fantastic resources!  
01:22:38 Tracy Wood: Thank you very much! Great presentation!  
01:22:52 LEONESEA MORGAN: Thanks a bunch!  
01:22:56 Heather Rodriguez: Thank you so much for sharing this all for  
us. :-)  
01:22:58 Shasta Hankins: Thank you  
01:23:01 Beth Roark: Thank you!  
01:23:02 Rosie Barnes: Thank you for very interesting information.  
01:23:04 Elaine Boyer: Thank you so much!  
01:23:07 Olga Fellus: Thank you! Much appreciated!  
01:23:08 Staci Hartman: Thank you so much! This was great!  
01:23:08 Kim Ellis: Thank you it was very informative.  
01:23:17 Danielle Iuculano: Thank you very much!  
01:23:18 Diane Anderson: Thank You...this was great!  
01:23:34 Mary Anne Opila: Thank you very much!  
01:23:34 Yvonne Williams: Thank you!!!! Excellent information!  
01:23:35 JAcky Rodes: thank you, these are wonderful, great presentation  
and presenter  
01:23:36 Barbara Harvey: Thank you for this presentation tonight. it was  
great.  
01:23:38 Nicolette Nalu: Thank you Maria!!  
01:23:40 Deniz Çakır: thank you , great  
01:23:44 Michelle Silvia: Thank you for your openness  
01:23:49 Alicia Madsen: Will you continue to post new letters in the folder?  
01:23:52 Nicole Dollar: Thank you!  
01:23:53 Haley Shein: Thank you Maria that would be amazing!  
01:23:53 Janet Jimenez: I am excited to host family game day during remote  
learning. I am excited to see how parents and kids work collaboratively.  
01:23:53 Kimberly Steel-Keelor: AWESOME question!  
01:23:58 Terri McCarthy: Awesome job, thank you  
01:24:01 Melissa Forde: Thank you  
01:24:03 Susan Faulkner: Thank you for another well-organized presentation  
and for the resources provided.  
01:24:03 Paula Fitzpatrick: thank you  
01:24:07 Tracy Wood: Great question!  
01:24:11 Rachel Roller: Thank you so much!! So helpful and great information

01:24:12 Nadia Messadi: Thank you !  
01:24:20 Kasia Kidd: Thank you!  
01:24:27 Ashley Cusick: Thanks!  
01:24:29 Josefina Nava: Thank you!!!!  
01:24:35 Barbara Harvey: Thank you so much  
01:24:38 Cristen Kessler: Thank you  
01:24:39 Nicolette Nalu: Thank you Jenny!! Awesome as usual!!!  
01:24:48 Heather Nunnally: thank you Jenny! awesome as always!  
01:24:51 Cindy Kim: Thank you for this wonderful session! I'm walking  
away with lots of great resources to support family education about fluency.  
01:24:51 Kimberly Steel-Keelor: Thank you all!  
01:24:53 Allison Miller: This was a fantastic presentation. Thanks!  
01:24:55 Sherry \*Bovey: Thank you so much!  
01:24:56 Kendra Edwards: Thank you!  
01:24:56 Cristy Holtzclaw: thank you!!  
01:24:57 Dennis Regus: This was great thank you!  
01:24:58 Violeta dzikovic: thank you so much!!  
01:24:59 Carol Matsumoto: Thank you Jenny in suggesting ways teachers  
can engage parents in math fact fluency. Thank you Tara, Chonda and Dave.  
01:24:59 Erica Thompson: Thank you! I've already shared my notes and some  
resources with my K-2 Crew!  
01:25:05 Sarah Dickie: Thank you so much! This has been great!  
01:25:06 Leslie Texas: Thanks! You are always informative, engaging and  
practical.  
01:25:07 Denise Trakas: Thank you for this amazing opportunity!  
01:25:20 Dawn Smith: thanks for the great info!  
01:25:21 Penina Kamina: Thank you  
01:25:23 Jennifer Russell: Thank you so much! Great information and  
resources. Much appreciated.  
01:25:24 Rochelle Peasley: Thank you so much!  
01:25:24 Valerie Clay: email please again  
01:25:29 Tamikia Greene: Thank you for this learning!  
01:25:30 Lindsay Youngblood: Thank you!  
01:25:31 Rita Shamrock: Thank you  
01:25:33 Jennifer Bay-Williams: Thank you all for the great 'chat' and  
ideas. I look forward reading them more carefully!  
01:25:37 Feben Ghirmay: Thank you!! This has been really useful!!  
01:25:40 Rebecca Hill: Thank you for this! You had a lot of great ideas!  
) thank you  
01:25:41 Bryan Bagala: Thank you!  
01:25:45 Cindy Cliche: Thanks so much for this session! So much valuable  
information and love the book!!  
01:25:50 Erica Bagala: Thank you!!  
01:25:51 Keiara Jones: Thank you so much! Very informative!  
01:25:52 Galit Sandaev: thank you  
01:25:56 Mark Phipps: Did anyone else have trouble getting to the article?  
01:26:00 Diosa Doane: This was amazing!  
01:26:01 Dawn Schulte: Thank you for this!  
01:26:09 Stephanie Bell: Thank you!  
01:26:20 Brandon Daniel: Thank you!

01:26:20 Alexis Kozin: Thank you!!  
01:26:23 Megan McCants: Thank you  
01:26:24 Kristina Crystal: Thank you!  
01:26:28 Amber Nancarrow: Thank you for the information!  
01:26:32 Chonda Long: The certificate will be emailed  
01:26:34 Jennifer Bay-Williams: If you have trouble - my email is  
j.baywilliams@louisville.edu  
01:26:34 Diosa Doane: Thank you!  
01:26:34 debbie wells: I am encouraging everyone to join for the these 100  
days and journals!  
01:26:35 Donna Nelson: Thank you.  
01:26:39 Lorie Huff: Great information, Jennifer Bay-Williams, Tara,  
Chonda, Dave, and NCTM!  
01:26:59 Darlene Rowe: Very well done and informative... Lots of good  
reminders and some new information too! I appreciate your time.  
01:27:10 David Barnes: @Lorie - Thanks!  
01:27:15 Becky Duprey: Thank You!  
01:27:19 Stephanie Lee: Thank you Jenny for sharing your presentation.  
01:27:22 Kris Mertens: Thank you  
01:27:25 Haley Shein: Thank you!  
01:27:26 Kris Graham: Many thanks  
01:27:27 Lynda Wilkinson: Thank you everyone!  
01:27:27 Lisa Crawford: thank you  
01:27:28 Mark Phipps: Thank you  
01:27:28 Courtney Cooper: Thank you!  
01:27:31 Ashley Jones: thank you  
01:27:32 Amy Donnelly: Thank you!  
01:27:33 Natasha Zimmerman: Thank you!  
01:27:35 Lori McDevitt: thank you! excellent ideas and information  
01:27:36 Shari Sklar: Thank you. Great session!  
01:27:36 Cyndi Ellis: Thank you!  
01:27:38 Tamika Witherspoon: Learned so much, thank you all!!!  
01:27:38 Melanie Myers: Thank you!!! Excellent information.  
01:27:41 Lynne Allen: Thank you! Great information as always!  
01:27:41 Kathleen Wyckoff: Thank you!  
01:27:42 Alfreida S Jamison: Thank you so much!  
01:27:42 Sheila Wong: thank you  
01:27:45 Nora Magdaleno: THank you!!  
01:27:45 Kathleen Morris: Thanks to everyone!! Outstanding!  
01:27:46 Rayna Bearss: Thank you!  
01:27:46 Vicki Roman: Thank you!  
01:27:47 Jill Moore: Thank you !!!  
01:27:48 Barb Fukushima: Thank you!  
01:27:49 Deanna Richardson: thank you!  
01:27:52 Raewyn Cole: thank you  
01:27:54 Angela Cooper: Enjoyed the presentation.  
01:28:01 Debra Stenman: Excellent presentation  
01:28:03 debbie wells: fun bird!  
01:28:08 Wendy McGrael: Thank you!  
01:28:13 Aya Zvaigzne: Please, email address?

01:28:47

Rebekaah Stenner: THANK YOU!!!

01:28:56

Olga Kosheleva: Thank you.