

00:33:17 C Robertson: Hello from Reno
00:33:19 Jennifer Cronin: Hello from Hanson, MA!
00:33:25 Jessica Whitney: Hello from Penacook NH
00:33:25 Shannon Wall: Hello from Asheville, NC
00:33:26 Chi-Man Ng: Hello from NY
00:33:27 April Shelton: Hello from TN
00:33:27 Emily Kavanagh: Hi from Columbia, MD
00:33:27 Ashley Cusick: Hello from northern VA!
00:33:27 Myra Collins: Hello from Greentop MO
00:33:28 Bina Kachwalla: Hi From NZ
00:33:28 Tina Hill: Howdy from TN
00:33:29 Leslie Texas: Hi from Louisville, KY
00:33:31 Jason Wright: Hello from Howland, Maine
00:33:32 Joseph Wood: Winchester, VA here
00:33:34 Kim Ellis: Hi from Winter Park, FL
00:33:35 Sandra MacDonald: Hi from Halifax, NS Canada
00:33:35 Angela London: Hello from Landis, NC.
00:33:36 Gloria Flores: Hello from Texas
00:33:36 Jennifer Coe: Hi from San Jose, CA
00:33:36 Stephanie Matisiak: Hello from Kingston, TN!
00:33:36 Caitlin McNeil: Hi from Anchorage, AK!
00:33:37 Sharon Black-MacKinnon: Hello from New Brunswick Canada
00:33:38 Sherry *Bovey: Hello from central Louisiana
00:33:38 Necole Atkins-Dowd: Hello from Las Vegas, NV
00:33:39 Jon Orr: Hey everyone welcome!
00:33:39 Katrena Washington: Hello from Chicago, IL
00:33:40 Faith Peddie: Hello everyone! Welcome to tonight's webinar! We are
so happy that you are here :-)
00:33:42 roya basu: Hi from NJ
00:33:42 Acadia Gurney: Hi from Colorado!
00:33:42 Tyra Ray: Hey from NC
00:33:42 Jane Haggerty: Hello from Youngstown OH
00:33:42 Virginia Driscoll: Hello from Culpeper, VA
00:33:43 Ginette Peralta Suarez: Hello from Haslet, TX
00:33:43 Trena Wilkerson: Hello from Waco, TX!
00:33:43 Stephanie Caragher: Hello from NH
00:33:44 Jorge Veloso: Hello! This is Jorge Veloso from Dundo city, Angola,
Africa.
00:33:44 Anne Schmidt: Hello from Nebraska
00:33:45 Konnie Guthrie: Greetings from Las Vegas
00:33:46 Daniel Irving: Hello from North Providence, RI.
00:33:46 Lauren Aragon: Hello from Houston, TX
00:33:46 Michelle Webb: Hi, Nashville TN
00:33:47 Jessica Lysholm: Hello from Leesburg, VA!
00:33:47 judy rigney: Hello from Cincinnati, ohio!
00:33:47 Deanna Richardson: Hello from Rapid City, SD
00:33:48 Christina Siow Young: Hi from Monrovia, CA
00:33:48 RIOLEN RUDIO: Good Morning From Philippines
00:33:51 Lynn Lafferty: Hello from Erie, PA
00:33:51 Branch Pronk: Hi from Fredericksburg VA

00:33:52 Mary Johnson: Hi from Pensacola, FL
00:33:53 Kathryn Del Prete: Hi! From NYC!
00:33:54 Catherine Anderson: Hello from Virginia Beach, VA
00:33:54 Sherry Watkins: Hello from Kansas
00:33:55 Nataliya Bondar: Florida, Boynton Beach
00:33:56 Kristin Asa: Hi from Las Vegas
00:33:57 Javier Carbajal: Hello! Arizona!
00:33:57 Michelle Silvia: Hi Newmarket NH
00:33:58 Dianne Budd: Hi from Western Australia
00:33:58 Polly Kimminau: Hello from Tucson Arizona
00:34:00 Ann Marie Nee: Hi from Connecticut
00:34:00 Grace Vaught-Smith: Grace from Rifle, CO
00:34:02 Gladys Montoya: Hi from Zion, Il!
00:34:03 Marie Molloy: North Carolina
00:34:04 Veronica Kwok: I'm from Queens, NYC!
00:34:05 Andina Dwiyani Anwar: Hello from Indonesia
00:34:06 Dawn Schulte: Hello from Coastal Carolina
00:34:06 Jill Bashline: hello from Erie PA
00:34:06 Sara Lynn Cannady: Sara Lynn Cannady from Midway Elementary in
Sampson County, NC
00:34:07 Steven Cox: Hello from New Jersey
00:34:09 Gabrielle Gentile: Abby from Spencer, NY
00:34:10 Lara Sawamukai: Hi From White Plains, NY
00:34:10 David Harris: hello from UK
00:34:10 Ali Semanision: Hi from Los Alamos, NM
00:34:12 Linda Fulmore: Greetings from AZ, 107 degrees today!!!!!!!
00:34:12 Sharon Bentkowski: Hi from Atlanta GA!
00:34:12 Christina Tully: Hi from Las Vegas, NV
00:34:13 Dianne Budd: Hi from Western Australia
00:34:13 Charese Chambers: Hello from Nashville TN
00:34:13 Jeanetta Glass: Hello from Memphis, TN
00:34:15 Erica Krick: Gilbert, Arizona
00:34:15 John Simons: Hi from Milwaukee
00:34:15 Mary Carver: Hi From Peoria Il
00:34:16 Julie Hutchin: Hello from Portland Oregon
00:34:16 JaDawn Wagstaff: Hello from Buffalo, New York
00:34:17 Jenny Sagrillo: Hi from Milwaukee
00:34:18 Nely Ara-is: Hi from Norfolk, VA
00:34:18 Pamela Goodwin: Hello from NJ
00:34:18 Jennifer White: Jennifer White Fort Worth, TX
00:34:19 Melanie Pesola: Melanie from New Kent County, Virginia
00:34:20 Tami Kreft: Hello from Hawaii!
00:34:20 Daniel Luther: Hello from Ventura, CA!
00:34:20 Emma Farrow: Hello from Cincinnati, OH
00:34:21 Jean Young: Aloha from Maui!
00:34:21 Stephanie Waterman: Hi from Landenberg, PA
00:34:21 Kerrie Becker: Hello from Palmyra, PA
00:34:22 rachel wingo: Hello, from Providence, Ky
00:34:22 371640: hey from Florida
00:34:22 Dale Pasino: Worcester, Massachusetts

00:34:22 Claudia Robles: Hi, from Yuma Arizona
00:34:22 Lisa Rogers: Hello from Colorado Springs, CO
00:34:23 Renee Catalano: Hi for hot and sunny Arizona
00:34:23 Julian Embrey: Hello this is Julian from Nashville, TN
00:34:23 Kate Reardon: Kate from Hatboro, PA
00:34:24 Aya Zvaigzne: Greetings all from Nashville, TN
00:34:24 Amber Scholl: Columbus, Ohio
00:34:24 Kyle Pearce: Hi Everyone!
00:34:25 Cynthia Harnew: Hello from Elgin, IL
00:34:25 Tracey Lamb: Hi from New Hampshire
00:34:26 Melynee Naegle: Hi from Claremore, OK Thank you for leading
tonight Kyle and Jon! Looking forward to learning with you!
00:34:27 Shelby Lynn Dye: Hi from Castle Rock, Co
00:34:27 Alana Overvelde: Hello from Kingston, Ontario, Canada
00:34:27 Ramona Hall: Hello from Charlotte, NC
00:34:28 Sureetha McCain: Hello from Seattle, WA!
00:34:28 Alicia Madsen: Hello from Salt Lake City, UT
00:34:30 Amy Greger: Wisconsin
00:34:33 Stephenia Courtney: Hello from Las Vegas, NV
00:34:34 Monica Roland: Good evening from Savannah Ga
00:34:35 Katie Martin: Hi, from Bedford, VA
00:34:35 Elizabeth Melvin: Hi from Ann Arbor, Michigan!
00:34:36 amanda Helgerson: Thank you in advance for this!
00:34:36 Sandhya Raman: San Jose, CA... 😊
00:34:36 Josie: Hi from Ontario,CA
00:34:36 Rita Shamrock: Rita from Senoia, GA
00:34:37 Angela Tseng: This is Angela from Los Angeles, CA, USA! :D
Pleaseure to meet you!
00:34:38 David Drembus: Hello from Alexandria, Virginia
00:34:40 Patti Lawrence: From Manitoba, Canada
00:34:40 David Harris: Or the middle of the night
00:34:41 Jeanine Colwell: hello from Newport nc
00:34:41 Nadia Messadi: Hello from Fayetteville, Arkansas!
00:34:42 Ca-Lishea Woods: Hello from Houston
00:34:43 SAPNA SHARMA: HELLO EVERYONE
00:34:43 Kim Arthur: Hello from San Antonio, Texas!
00:34:46 Pooja Balani: Pooja From UK
00:34:46 Cindy Luper: Hi from Arkansas.
00:34:46 Leslie Sorace: Arizona!! Happy Cino De Mayo
00:34:48 Jennifer L'Arrivee: Hi everyone from central B.C.
00:34:48 Katie Gibson: Good afternoon from Oregon
00:34:49 Karen Wiggins: Hi from Ottawa, Canada
00:34:50 Paul Lavery: Hi from Calgary
00:34:50 Karole Van Nostrand: Hello from Northern Vermont
00:34:51 Bryan Buckingham: Hi y'all from Winston-Salem, NC!
00:34:52 Vesta Mizell: Ahe'hee from Colorado
00:34:53 Clara Fuller: Hi From Shonto, AZ
00:34:53 Danielle Barberi: Hello from New Orleans
00:34:56 Allison Clark: Hello from Phoenix, AZ
00:34:56 Angela Tseng: Happy Teacher Appreciation Day too!

00:34:56 Lisa Sullivan: Hello from Palm Desert CA
00:34:57 Nora Chase: Happy Cinco de Mayo from Scottsdale, Arizona
00:34:57 Jennifer Ciano: Hello from Charlotte, NC :)
00:34:59 Jaclyn Murray: Atlanta, GA
00:35:05 Rosemary Sbrocca Auger: Hi from Windsor, Ontario, Canada
00:35:06 Marie Molloy: Hoke County, North Carolina
00:35:06 Nataliya Bondar: Hi from Florida
00:35:09 Christine Galle: Hi from Iowa
00:35:09 NANCY SPRINGER: Hello from Saraland,AL
00:35:11 Anne Feeney: Barnegat, NJ
00:35:12 Lana Bunning: Rockaway Park, NYC
00:35:13 Brandi Fleckenstein: Hello from Burnsville, North Carolina!
00:35:15 Dana Nelson: Hi from Pennsylvania
00:35:15 Stephanie Burton: Hello - Stephanie from Richmond, VA
00:35:15 Janice Magauay: Hello everyone from Maryland
00:35:16 Skip Fennell: Hi from Westminster, MD
00:35:17 BMcNeese: Brenda, Nevada
00:35:20 Eva Gomez: Hello from Phoenix AZ
00:35:22 Skip Fennell: Go for it guys!
00:35:25 Emily Volk: Hi from Chicope MA
00:35:25 Roberta Ludwigsen-Hill: Hello from Alabama!
00:35:29 Mohamed Jamaludeen Thirapusa Mohaideen: Hi Good evening all ! This
is Mohamed
00:35:36 Claudia Goodwin: Hello from Chuathbaluk, Ak
00:35:37 Diane Anderson: Hi from Massachusetts
00:35:39 Marie Hannon: Hi from Tinley Park, Illinois
00:35:41 Christina Hall: Hi from Yuma, AZ
00:35:43 Kelly Ziegler: Hi from PA
00:35:43 ROER SHONDA: Hello from Buckeye, Arizona
00:35:44 Megan Riley: Hi from Ohio
00:35:48 Ann Wycoff Bagshaw: Hello from Fort Carson, Colorado!
00:35:51 Rachel Hauser: Hi from NY
00:35:51 Tamikia Greene: Greetings from Houston!
00:35:52 JUDY DUNMIRE: Hi from Arkansas! Hi, Lori!
00:35:53 Jaime Pacilio: Math Rocks! Hello from Salisbury NC
00:35:54 Marissa Bay: Hi from Chicago, IL!
00:35:55 Margaret O'Connell: Hello from Indianapolis Indiana
00:35:57 michael Lanstrum: Hello from Cleveland, OH
00:35:57 Elizabeth Hallahan: hi. Long Island ny
00:35:57 Rebecca Mitchell: Hi from Boston!
00:35:58 Randy Ross: Ross Mesa Arizona
00:35:58 Heidi Nunes: Hello from Merced, CA
00:35:59 Denika Gum: Hi from Virginia
00:36:00 Pamela Stark: Hello from Massachusetts.
00:36:00 Jennie Brown: Hi from Montgomery, AL.
00:36:01 Denesha Howell: Hello from Mississippi!
00:36:01 Sally Meyer: Hello. From Peachtree City, GA
00:36:01 Rebecca Upchurch: Hi From Becky at Tennessee
00:36:01 Marla Aehlert: Howdy from Gold Canyon, Arizona
00:36:03 Audrey Campbell: Hello from Waldorf, MD

00:36:05 Angie Stika: Greetings from Kansas
00:36:05 Beverly Krumpe: Hi from Paris, TX
00:36:07 Laura Goss: Hi from Tulsa Oklahoma
00:36:10 Mary Anne Opila: Hi, from Pennsylvania
00:36:11 Stacy Milas: Hi from Yonkers, New York!!
00:36:11 Andrew Tyler: Hello From Starkvegas, Mississippi
00:36:11 Heather Ruiz: Hello from SA, TX
00:36:11 Amanda Aitken: Hi from Arlington, Texas!
00:36:11 Kevin LaBar: Hello from the Arctic Circle aka Brevig Mission
Alaska
00:36:12 Esther Winikoff: hello from Baltimore, MD!
00:36:14 Alfreida S Jamison: Just outside of Chicago
00:36:15 Claire Dent: Hi from Macon, GA
00:36:16 Karen Langford: Hi from Karen in Dorchester, Ontario, Canada
00:36:16 Sreevelmurugan Vamadevan: Sreevelmurugan from Miami Az
teaching K12
00:36:17 Velma Guidry: Velma from Beaumont Texas
00:36:17 MONICA TIENDA: Hola! Feliz Cinco de Mayo desde Detroit, MI!!
00:36:18 Billie Donegan: Hello from 9500' in the Colorado mountains!
00:36:19 Phyllis Creech: Phyllis Creech from Savannah, GA
00:36:19 Amanda Menghini: Hello from Pennsylvania!!
00:36:20 Denise Cruz: Hello from Rockledge, Florida
00:36:20 Deborah Paterson: Hello from Montreal, Quebec
00:36:21 Ruth Glasgow: Hi from Australia
00:36:22 Gunnar Guttormsen: Hello from Kelso, Washington!
00:36:22 MELVIN BURNETT: Hello from Greensboro, NC
00:36:26 Maurice Levy: Hello from Maurice Levy in NJ
00:36:28 Ramona Quintero Caldera: Hello from Long Beach, California
00:36:29 Portia Felder: Greetings from Snellville, GA
00:36:33 Galit Sandaev: hi from montreal CANADA
00:36:37 Marci Partida: Hello from Buckeye, AZ
00:36:41 Sylvester Major: Hello from New Orleans, La
00:36:43 Ghazala Manzoor: Chicago present!!
00:36:43 Suzanne Smith: Hello from Mississippi
00:36:44 Kelli Freiwald: Hello from Pennsylvania
00:36:45 Mugdha Patil: hello from Fremont, CA
00:36:48 Stephanie Izzard: Hello from Burlington, Ontario! (between
Toronto/Niagara Falls)
00:36:53 peter zirnis: hi from Toronto Canada
00:36:55 Zuleika Jackson-Jones: Hello Columbia, SC
00:37:01 Angelica Johnson: Hello from Memphis, TN
00:37:03 Sandra MacDonald: yes
00:37:04 Erin Meade: yes
00:37:04 Leslie Texas: yes
00:37:07 Sharon Black-MacKinnon: yes
00:37:08 Amy Tuckwell: yes
00:37:08 Darius Hatcher: yes
00:37:08 Beth Kobett: Hi beth from Baltimore
00:37:09 Emily Kavanagh: I see it
00:37:09 Susan Lear: Hello from Hartsville, SC

00:37:13 Prerana Sanghavi: Hello from Mumbai, India
00:37:13 Stephanie Matisiak: OH YEAH
00:37:14 Erin Meade: oh yeah
00:37:14 Emily Kavanagh: Oh yeah
00:37:14 Donna McClue: Hello from Slidell, LA
00:37:14 Marla Aehlert: Oh yeah!
00:37:14 Joy Kogut: Oh yeah!!!
00:37:15 Kristin Asa: Oh yeah!
00:37:15 Darius Hatcher: oh yeah
00:37:15 Jennifer Coe: woohoo ready!
00:37:15 Litha Sonner: Oh yeah!
00:37:15 Bina Kachwalla: Oh ya
00:37:15 Joseph Kantrowitz: oh yeah
00:37:15 Staci Jackson: hello from Texass
00:37:16 Sandra MacDonald: oh yeah baby
00:37:16 Kate Luker: Oh yah!
00:37:16 Heidi Nunes: Oh yeah
00:37:16 Angela Tseng: Oh YEAH!
00:37:16 Charlotte Auen: Ready
00:37:16 rachel wingo: Oh yeah!
00:37:16 Necole Atkins-Dowd: oh yeah
00:37:16 Sharon Black-MacKinnon: oh yeah!
00:37:16 Heather Ruiz: ohhhh yeah
00:37:16 Nannette Baker: Oh yah!
00:37:16 Denise Cruz: Oh yeah!!!
00:37:16 Sharon Frost: Oh yeah!!!
00:37:17 Sherry Watkins: oh yeah
00:37:17 Renee Catalano: yeah
00:37:17 Ruth Glasgow: oh yeh
00:37:17 Kathryn Prater: oh yeah
00:37:17 Nina Tandle: Oh YEAH I'M READY!!
00:37:17 Angie Stika: oh yeah
00:37:17 Aya Zvaigzne: In Accordance
00:37:17 Ghazala Manzoor: Oh yeah
00:37:17 Zuleika Jackson-Jones: OH YEAH
00:37:17 Sherry *Bovey: Oh, Yeah!
00:37:17 Tami Kreft: Oh yeah
00:37:17 Amy Tuckwell: Oh yea!
00:37:18 Christina Siow Young: Oh yeah!
00:37:18 Phillip Dysart: OH YEAH!
00:37:18 Janice Magauay: Oh yeah
00:37:18 Pam Darden: oh, yeah!
00:37:18 Rachel Freid: Oh YEAH
00:37:18 Denise Quarles: Oh yeah
00:37:18 Ann Asaro: Heck yeah
00:37:18 Jeanine Colwell: oh yeeah
00:37:18 Christina Hall: OH YEAH!!
00:37:18 Elizabeth Birie: ohhhh yeah
00:37:18 Molly Moore: Oh yeaaa
00:37:19 Michelle Webb: oh yeah

00:37:19 Rehana Sultana: Happy Teacher Appreciation Week From North Carolina
00:37:19 Catherine Anderson: oh yeah
00:37:19 Adrienne Jones: Oh Yeeeeeah!
00:37:19 Brynna Fisher: oh yeah
00:37:19 Dana Nelson: ohhhh yeahhh
00:37:19 Elizabeth Melvin: OH YEAHHHHHHHHHHHHHHH
00:37:19 Tedra Heron: Oh yeah
00:37:19 Myra Collins: oh yeah!
00:37:19 Brandi Fleckenstein: Oh Yeah!
00:37:19 Mary Walker: oh yeah
00:37:19 Emily Work: Oh yeah!
00:37:19 amanda Helgerson: oooooohhhh YEAH!!!
00:37:19 Ashley Cusick: oh yeah!
00:37:19 Archita Vaghasiya: oh yeah!!!
00:37:19 Alana Overvelde: Oh yea
00:37:19 Sheila Wong: oh yeah
00:37:19 Melissa Miller: Oh yeah!!!
00:37:19 Joseph Townson: OH YEA!!!
00:37:19 Gladys Montoya: Oooooh yeeeahhh
00:37:20 Sylvester Major: Oh Yeah
00:37:20 Amanda Aitken: Oh yeah!
00:37:20 Ann Wycoff Bagshaw: Oh yeah
00:37:20 Amanda Hooks: Oh yeah
00:37:20 Clara Fuller: oh yeah
00:37:20 Stacy Milas: oh yea!!
00:37:20 Antoinette McLain: oh yes
00:37:20 BMcNeese: oh yeah
00:37:20 Rachel White: oh ya
00:37:20 Lindsey Vasques: oh yeah
00:37:20 Emily Volk: o yeah
00:37:20 Portia Felder: Oh yeah
00:37:20 Margaret O'Connell: ohhhh yeahhhh
00:37:20 Elizabeth Hallahan: yeah
00:37:20 Lynda Krivansky: Oh yeah!
00:37:20 MONICA TIENDA: Oh yah!
00:37:21 Staci Jackson: OHHH YEAAAAA
00:37:21 Katie Gibson: oh yeah
00:37:21 Christine King: Christine King from CT ohhh yeah
00:37:21 Stephanie Burton: Yeah
00:37:21 Leslie Krefta: oh yeah
00:37:21 Jennifer Zane: oooohh yyyeaaa
00:37:21 Ronald Austria: oh yeah
00:37:21 Audrey Campbell: Oh Yeah
00:37:21 Marcella Curry: Oh, yah
00:37:21 Laura Goss: oh yeah
00:37:21 Andina Dwiyani Anwar: oh yeah
00:37:21 Mohamed Jamaludeen Thirapusa Mohaideen: Can we get the document
please?
00:37:21 Stephenia Courtney: oh yeah
00:37:21 Agus salim Mardin: assalamu alaikum.. from indonesian

00:37:21 Mary Carver: OH YEAH!!
00:37:21 Kelley Manning: OH YEAH
00:37:22 Vesta Mizell: OOOOH YAH breaks wall
00:37:22 Danielle Bentley: Ready Freddy!
00:37:22 Claire Dent: O yeah
00:37:22 Stacy Miller: oh yea
00:37:23 Kimberly Brown: WAHOO!!!
00:37:23 Jeanetta Glass: oh yeah
00:37:23 Beverly Krumpe: oh yeah
00:37:23 Nadia Messadi: oh yeah
00:37:23 Kate Reardon: oh yeah
00:37:23 Heidi Ross: OOOHHH YEAH!

00:37:23 Brion Peterson: Oh Yeah!
00:37:23 Tanja Solano: oh yeah!
00:37:23 Ericka Smith: oooooooooo yeah
00:37:23 MELVIN BURNETT: oh yeah
00:37:23 Gloria Flores: Oh Yeah
00:37:24 Ximena Sloane: oh yeah!
00:37:24 India Puch: ohhh yeah
00:37:24 Amy Robinson: OH TEAH
00:37:24 Viviani Piekutowski: oh yeah!!
00:37:24 Melanie Davis: oh yeah
00:37:24 Latrina Bowen: Oh yeeehhh!
00:37:24 Leslie Sorace: ooooo yeah
00:37:25 Rosemary Sbrocca Auger: Oh yeah!!!!
00:37:25 Ramona Quintero Caldera: oh yeah
00:37:25 Sreevelmurugan Vamadevan: Oh yeah
00:37:25 Amber Scholl: Bring. It. On..
00:37:25 Sharla Prebble-Riddick: OH YEAH
00:37:25 Ginger Miller: Oh ya!
00:37:25 Katrena Washington: Oh Yeah
00:37:26 Olga Kosheleva: Hello from El Paso, TX
00:37:26 ROGER MILLER: Greetings
00:37:26 Milagros Smith: OH yes!!!
00:37:26 Mary Anne Opila: oooooh yeah
00:37:26 Kelli Freiwald: oh yeah
00:37:27 Jennifer L'Arrivee: oh, yeah
00:37:27 Rita Shamrock: oh yeah
00:37:27 Skip Fennell: OH YEAH
00:37:27 Virginia Driscoll: OH Yeah
00:37:27 Tyra Ray: oh yeah
00:37:27 Ali Semanision: Oh, yeah
00:37:27 David Barnes: Yes, Aye!
00:37:29 Lara Sawamukai: Oh yeah!
00:37:29 Karen McGlade: Oh yeah
00:37:30 Cherri Wilson: Oh yeah!
00:37:32 Lori Krebs: Oh, yeah!
00:37:33 Patty Blair: oh yeah
00:37:34 Ginette Peralta Suarez: Oh yeaah!!

00:37:36 Monica Roland: Oh Yeah!
00:37:36 Lesly Brown: Oh Yeah!
00:37:37 C Rob ertson: S000000 ready!
00:37:38 Warren Ledbetter: Rock and roll
00:37:39 Justin Klinger: Hell yep
00:37:42 Branch Pronk: Oh yeah
00:37:53 Sandra MacDonald: yes
00:37:53 Kevin LaBar: Keep heer moving!
00:37:53 Sharlena Cooks-Fahngon: Shelley, Greetings from Indianapolis
00:37:54 Stephanie Matisiak: yes it did
00:37:58 Catherine VanNetta: Workbook received

00:37:59 Jaime Pacilio: Canadian accent???

00:38:03 Ryan Fox: Is the koolaid guy in the house???

00:38:13 Lynnette Flannery: All panelist and attendees
00:38:13 Mary Dugas: Hi! Mary in Louisiana

00:38:19 Amber Scholl: Whoa!!!

00:38:24 Amy Tuckwell: Fun!

00:38:24 Sandra MacDonald: amazing!

00:38:29 rachel wingo: wow

00:38:32 Michael Lechuga: mike from colorado

00:38:34 Chi-Man Ng: I love their energy!

00:38:34 Melissa Luzano: <https://makemathmoments.com/4strategieswebinar/>

00:38:35 Leslie Sorace: That is Awesome!!

00:38:38 Vicki Roman: Hi, Vicki from Worcester, MA

00:38:41 BRENDA ELMORE: Hello from Anderson

00:38:43 Denise Cruz: wohooo

00:38:46 Jennifer Heldenbrand: Hello from Provo, Utah!

00:38:59 Susan Balcerski: Hi from Ocean County, NJ

00:39:00 Sabrina Robinson: Awesome!

00:39:00 Jolene Peterson: Hello from Kansas!

00:39:01 Leslie Sorace: Yes!!

00:39:01 Rebecca Dominguez: AMEN!

00:39:01 Veronica Kwok: That is seriously facts

00:39:01 Heidi Nunes: That looks all too familiar...

00:39:02 Ashley Roberts: hi yall from Texas!

00:39:02 Pam Darden: Amen!

00:39:03 Ramona Quintero Caldera: Oh yeah!

00:39:03 Michelle Webb: Lord yes!!!!

00:39:03 Jaime Pacilio: yes

00:39:04 Kelly Sanchez: Yes

00:39:04 Maureen Harden: YESSSS!

00:39:04 Emma Farrow: YESSSS!

00:39:04 Angela London: Oh yes!!!!

00:39:04 Emily Volk: Yup

00:39:04 Denise Quarles: it's all I know

00:39:05 amanda Helgerson: yup!

00:39:05 Necole Atkins-Dowd: yes!

00:39:05 Alana Overvelde: YUP

00:39:05 Emily Kavanagh: Nice
00:39:06 rachel wingo: AMEN!
00:39:06 Ghazala Manzoor: yup
00:39:06 Skip Fennell: daily
00:39:06 Ashley Cusick: Absolutely!
00:39:06 Lisa Travis: OH Yeah!
00:39:06 Melanie Montanez: sure have!
00:39:06 Kristin Asa: A lot!!
00:39:06 Ali Semanision: Yup
00:39:06 Christina Hall: YES!!
00:39:06 Ginette Peralta Suarez: Sure have!
00:39:07 Melissa Abdoo: yes
00:39:07 Bridget Donegan: story of my life
00:39:07 Jennifer Coe: for sure
00:39:07 Darius Hatcher: yes
00:39:07 Christine Blake: yes!
00:39:07 Joseph Wood: Very much so
00:39:07 C Rob ertson: Yes
00:39:07 Mary Anne Opila: oh, yes
00:39:07 Sharon Frost: YES
00:39:07 April Shelton: hecl
00:39:07 Joy Kogut: yes!
00:39:07 Diocelina Guillen: Yes!
00:39:07 Mary Dugas: YES
00:39:07 Heather Ruiz: Daily!
00:39:07 Christina Siow Young: Yes, I have!!
00:39:07 Gloria Flores: Yessss
00:39:07 Tami Kreft: yep
00:39:08 Amy Tuckwell: Oh, Yeah!
00:39:08 Faith Valentine: Yes
00:39:08 John Simons: Oh yeah
00:39:08 Alicia Madsen: YESS!!!!
00:39:08 Marissa Bay: ALL THE TIME
00:39:08 Cruz Flores Vazquez: Mood
00:39:08 Rebecca Mitchell: yes
00:39:08 Katie Ingram: sometimes
00:39:08 Kristine Barrett: Yes.
00:39:08 Jennifer Cronin: YUP!
00:39:08 Beth Snoop: now specifically!
00:39:09 Pooja Balani: yesssss
00:39:09 Kim Arthur: Yikes! Yes...
00:39:09 Gustavo Ontiveros: yesssssss
00:39:09 Susan Troutman: yes!
00:39:09 Christina Tully: YESSSS!!!!
00:39:09 Timea Darvas: yes
00:39:09 Ashlyn Flock: Oh yes
00:39:09 Shannon Wall: ME!!!!!!!
00:39:09 Kate Reardon: yesss
00:39:09 Marcella Curry: Yes
00:39:10 Bryan Buckingham: Never!

00:39:10 Jessica Lysholm: Definitely!
00:39:10 BMcNeese: yes
00:39:10 Alicia Kaplan: All the time!!!!
00:39:10 MELVIN BURNETT: yep
00:39:10 Bina Kachwalla: yes of course
00:39:10 Jocelyn Gabrinao: yes
00:39:10 Jenelle Lanham: definitely
00:39:10 Nina Tandle: For sure!!
00:39:11 Ramona Hall: lol yes
00:39:11 Lynnette Flannery: all the time
00:39:11 Ann Marie Nee: remote learning every day
00:39:11 Tedra Heron: Definitely!
00:39:11 Sharon Black-MacKinnon: absolutely
00:39:11 Lauren Aragon: Yup
00:39:11 Tyra Ray: every day!
00:39:11 Audrey Campbell: Yes Indeed!!
00:39:11 Steven Cox: oh yea
00:39:11 Emily Kavanagh: Absolutely
00:39:11 Tanja Solano: heck yes!!!!
00:39:11 Jennifer L'Arrivee: haha. yes
00:39:12 Velma Guidry: yes
00:39:12 Monica Roland: Definitely!
00:39:12 Brynna Fisher: yes!
00:39:12 Janice Magauay: Definitely!
00:39:12 Cathy Grant: Absolutely!
00:39:12 Katie Gibson: yes!!!
00:39:13 Adrienne Jones: Oh yes sir!
00:39:13 Antoinette McLain: huge learning curve for me to teach on line
00:39:13 Elizabeth Hallahan: ha ha
00:39:13 Karen Langford: absolutely
00:39:13 Laura Cranmer: Oh yes
00:39:13 Jorge Veloso: yes
00:39:13 Marie Hannon: :) Yes
00:39:13 Kari Dawson: yep
00:39:13 Daniel Irving: Yes!
00:39:13 Litha Sonner: Definitely!
00:39:13 roya basu: Right on!
00:39:13 Kimberly Brown: Everyday!!!
00:39:14 David Drembus: yes indeed (first year teacher)
00:39:14 Kelli Freiwald: yep
00:39:14 Brandi Fleckenstein: Felt like this today!
00:39:14 Emily Lewis: Story of my life!
00:39:14 Aya Zvaigzne: AAAAAAGH
00:39:15 Sahar Alkhatib: I feel like I'm struggling to go up.
00:39:15 Lori Krebs: Yes, yes, yes!!!
00:39:15 Jessica Whitney: yes
00:39:15 Sherry *Bovey: Sometimes!
00:39:15 Debra Carter: for sure\
00:39:15 JOY PERKINSACOSTA: absolutely
00:39:15 Johannah Wirzba: Absolutely I have!

00:39:15 Angie Stika: Absolutely
00:39:16 Stephenia Courtney: EVERYDAY!
00:39:16 Sharla Prebble-Riddick: Yes
00:39:16 Lina Lett: 🙋♀
00:39:16 Nannette Baker: Only about 5 days a week..... lol
00:39:16 Daniel Luther: oh my yes!
00:39:16 Jennie Brown: Yes!
00:39:17 Elizabeth Melvin: Every day
00:39:17 April Shelton: Heck yes
00:39:17 Paige Rosprim: 🙋♀
00:39:17 Beverly Krumpe: definately
00:39:17 Pooja Balani: All the time
00:39:17 Mary Walker: highs and lows,definitely
00:39:18 Pamela Goodwin: Definately
00:39:18 Emily Work: yes, for sure!
00:39:18 Cherri Wilson: Most days.
00:39:18 Claire Dent: yep
00:39:18 judy rigney: absolutely!
00:39:18 Abiola Rotimi-Ogunsola: yes
00:39:18 Charese Chambers: Yes indeed
00:39:18 Lynda Krivansky: Yes...most days!
00:39:19 Jasmine King: absolutely!!!
00:39:20 Rosie Barnes: Yes
00:39:20 Kerrie Becker: Yes! Yes! always redirecting!
00:39:20 Marci Partida: Many times!
00:39:20 Linda Weyman: Oh yeah!!
00:39:20 Melanie Davis: hello - yes!!
00:39:20 Nora Chase: Si
00:39:20 Zachary Guenther: yes
00:39:20 Jill Perry: 👍
00:39:20 Rehana Sultana: Yes
00:39:21 Julie Hutchin: like now today
00:39:21 Leanna Pitsoulakis: haha yes
00:39:21 Catherine Anderson: Yes for sure
00:39:21 Ashley Bulanek: yes
00:39:21 Lori Linsmeyer: Oh my, yes!
00:39:21 Myra Collins: definitely
00:39:22 Joseph Kantrowitz: in and out of the physical building LOL
00:39:22 Ericka Smith: yes lawd
00:39:22 Heidi Ross: all the time
00:39:22 Lisa Caudle: So resemble
00:39:22 Renee Catalano: helping my high school students with quadratic
equations right now and feel like that!
00:39:23 Amber Scholl: Like... what is going on!?!?!?!
00:39:23 Grace Vaught-Smith: Or like the kid who gets stuck halfway
00:39:23 Amy Tuckwell: Especially with distance learning!
00:39:24 JUDY DUNMIRE: If it was a curvy slide or went upside down, maybe...?
00:39:24 Ann Wycoff Bagshaw: Bought that T-Shirt
00:39:25 Kristy Woody: All day everyday!
00:39:25 Meghan Bliss: for sure

00:39:25 Louise Phillips: definitely
00:39:25 Jennifer Ciano: Absolutely! Especially 5th grade math.
00:39:25 Latrina Bowen: My head hurts all the time!1
00:39:25 Allison Miller: Hi, everyone!
00:39:26 Rehana Sultana: i agree
00:39:26 Zachary Guenther: yes
00:39:27 Ann Maas: days
00:39:27 Ca-Lishea Woods: too often
00:39:27 Ann Asaro: Learning slope
00:39:27 Leslie Krefta: yup
00:39:27 Danielle Bentley: Absolutely!
00:39:27 Stephanie Schultz: Absolutely.
00:39:27 MEGAN SPEARS: for sure
00:39:28 Ximena Sloane: lol yes
00:39:28 Michele Elliott: This year.....
00:39:28 Sharlena Cooks-Fahngon: Oh, yeah
00:39:28 Josie: absolutely!
00:39:28 Ashley Roberts: definitely!
00:39:29 Stephanie Waterman: Right now with online learning
00:39:30 Hsiao-Ting Chiou: yes
00:39:30 Pam Darden: th ework never ends!
00:39:30 Phyllis Creech: yes
00:39:30 ALEX QUYENVO: totally !
00:39:30 Mary Johnson: YES
00:39:31 Karen Notestine: heck yes
00:39:33 Tammy Eplion: Absolutely!
00:39:34 Amy Robinson: the struggle is real!
00:39:34 Enkelejda Limani: Most of the time
00:39:34 Sara Lynn Cannady: Absolutely !!
00:39:35 Elizabeth Hallahan: I like slides.
00:39:35 Marcella Curry: Is from 7:00 am to 6:00pm staying late?
00:39:36 Rosemary Sbrocca Auger: Not personally, but I`ve seen students like
this.
00:39:37 Konnie Guthrie: too many times
00:39:37 David Barnes: Especially the look at the end!
00:39:37 Marla Aehlert: OMG yes!
00:39:39 Rebecca Upchurch: yes!
00:39:39 Janet Ibeka: Yes

00:39:40 Joseph Townson: That`s me on a normal day.:D
00:39:40 Wendy Hoffhines: yep
00:39:40 Cindy Bryant: Hi from Springfield, MO
00:39:40 Rehana Sultana: Specially at this difficult time
00:39:40 Gladys Montoya: yesss
00:39:40 Jolene Peterson: #accurate
00:39:41 Sreevelmurugan Vamadevan: Yes
00:39:43 Patty Blair: during remote teaching elementary
00:39:44 Donna McClue: Yes
00:39:44 Mary Carver: ALL THE TIME!
00:39:45 Milagros Smith: Yes, frustrated after all my work seem to be for

nothing or no body.

00:39:46 Vesta Mizell: yes
00:39:47 Warren Ledbetter: I teach SPED math. YES
00:39:47 Chris Anderson: Absolutely!
00:39:49 Michele Eyler: You bet!
00:39:49 Deanna Richardson: Yes
00:39:50 Angela Tseng: They see a word problem and immediately, NOPE!
00:39:54 Jennifer Ciano: many don't do well with productive struggle
00:39:56 Sandra MacDonald: poor kid keeps trying, though lol
00:39:57 Kelli Epperson: Everyday!!
00:39:58 Maria Valencia Pena: Yes, always
00:39:59 Luisa de Carteret: Oh yes!
00:39:59 Pam Darden: I teach sped math high school
00:40:00 371640: oh yes I always feel I didn't teach them what I should have
00:40:08 Adrian Chavez: Can't wait!!
00:40:09 David Barnes: <http://www.Makemathmoments.com/NCTMNEXT>
00:40:10 Laurie Cunningham: so true
00:40:14 Stephanie Schultz: Hello from Kentucky!
00:40:14 amanda Helgerson: please!!!
00:40:17 Marla Aehlert: Yes please!!!
00:40:20 Mary Walker: thats a good one
00:40:30 Warren Ledbetter: Me to, Pam Darden
00:40:31 Cecilia Lopez: :) CA
00:40:37 Stacy Miller: will ou be touching in SPED strategies
00:40:40 Jan Back: Hello from Jan Back in Hampton, Tennessee
00:40:47 Amber Scholl: Resilience is so important... especially now
00:40:51 Dave Hankin: Hello from Globe, Arizona.
00:40:57 Ali Semanision: I love Jo Boaler's work!!
00:41:01 Maria Valencia Pena: Reading awesome need it with writing too
00:41:09 Jasmine King: Hey! Jasmine in MD
00:41:11 Ebony Baker: Hi from Chesterfield, Va
00:41:17 Konnie Guthrie: I spend all year trying to get students to believe
they can.
00:41:30 Rosemary Sbrocca Auger: Right on!
00:41:30 Daniel Seif: Hello from Bensalem, PA
00:41:33 Kristen MacDougall: Kristen from MA
00:41:43 Alicia Kaplan: Hello from New York
00:41:48 Maren McMartin: Hello from Minneapolis! SO excited for this! The
balance is what I am lacking!
00:41:55 Renee Catalano: Anything to help prevent learned helplessness!!!
00:41:58 Mary Walker: I need the book, NOW!
00:42:00 Sue Draper: hi from Niagara falls NY
00:42:10 Elizabeth Chapman: hello from Raeford NC
00:42:13 Kristin Messenger: Hello from Las Vegas
00:42:27 Elena Ouimette: Hello from Atlanta, GA
00:42:30 Allison Daniel: San Antonio, TX :)
00:42:31 David Barnes: Sherry - Did you have a question?
00:42:48 Patti Luxton-Moore: Hello from Ottawa, ON, Canada!
00:42:50 dana dulzo: Hello from novi michigna
00:42:50 Milagros Carbonera: Milagros Carbonera from WCPS north Carolina

00:42:53 Litha Sonner: hi from Lanesville, IN... but I teach in
Clarksville, IN

00:42:57 Stephanie Bell: hello from St Louis MO

00:43:02 Janice Holland: hi from Janice Holland in Suffolk, VA

00:43:02 Priscilla Galliano: Hi everyone! From Saint Rose, LA

00:43:09 Sandra MacDonald: I wish!

00:43:11 Katie Gibson: YEP!!!

00:43:16 Rosalinda Cruz: Hello from Goldsboro, NC

00:43:16 Emily Kavanagh: Love this model

00:43:16 Elizabeth Melvin: This is ESPECIALLY true when we go back to
school after remote learning.

00:43:24 Elena Ouimette: So true!

00:43:27 Rosemary Sbrocca Auger: Absolutely.

00:43:27 Elizabeth Hallahan: like the linear function reference. 😊

00:43:28 Bina Kachwalla: We learn by chatting, working together, sharing
their ideas, making mistakes, going as a yoyo

00:43:31 Rehana Sultana: I agree

00:43:34 Bina Kachwalla: so true

00:43:41 Gabrielle Gentile: Love that diagram

00:43:42 Randy Ross: Hi Kelda

00:43:43 Jacqueline SladerRCT6K03W13: Hello from Tarboro North Carolina

00:43:45 Amy Robinson: Especially when you look at scores in different
domains.

00:43:57 Konnie Guthrie: Kids need to hear the math come out of their own
mouths.

00:44:17 Bina Kachwalla: Good idea on math before bad

00:44:18 Sharla Prebble-Riddick: This is so true. This is my second year
teaching 8th Grade math. I would get upset when they did not know the basics

00:44:51 judy rigney: love the math before bed idea!

00:44:55 Stephanie Matisiak: its hard to even determine WHERE your kids
are starting because they don't know

00:44:59 Kristy Woody: 8th grade math is hard to teach

00:45:09 Monica Roland: Love this podcast!

00:45:13 Stephanie Bell: I can't wait to use these sites!

00:45:15 Alicia Kaplan: I love all these new math web sites.

00:45:15 Rehana Sultana: Wow!

00:45:16 Jennifer L'Arrivee: fantastic podcasts

00:45:17 Bridget Donegan: great podcast!

00:45:20 Claire Dent: 8th grade for me too

00:45:21 Kelli Freiwald: awesome podcast..I listen to it all the time

00:45:30 Danielle Bentley: Congrats on 75 epis!

00:45:31 Skip Fennell: GREAT podcast - great PD, totally engaging.

00:45:32 Rachel White: Looking forward to checking out these sites.

00:45:36 Sandra MacDonald: wow! I had no idea there were that many!

00:45:38 Amber Scholl: Sounds great!

00:45:41 Joseph Kantrowitz: 7th grade and Honors Algebra 8th grade

00:45:52 Pooja Balani: love them

00:45:53 Ali Semanision: Woo Hoo!

00:45:57 Pamela Goodwin: great podcast!

00:46:00 Maria Valencia Pena: Great

00:46:01 Jennifer L'Arrivee: their academy is a great learning tool
00:46:02 Laura Cranmer: I love listening to podcasts when I exercise.
AWESOME
00:46:15 Kristy Woody: It is easier for me to teach Math 1 and Math 2 than
8th grade
00:46:25 Erin Meade: what was the podcast again?
00:46:28 Faith Peddie: Do you have a specific question?
00:46:36 Ashley Roberts: Love the podcast! I listen all the time!
00:46:38 Faith Peddie: Do you have a specific question?
00:46:40 Nina Tandle: Kristy, I agree. 8th grade math is difficult because
there really is so much Geometry and Algebra intertwined!
00:46:44 Andrea Cadman: makemathmoments
00:46:47 Gabrielle Gentile: Making Math moments that matter
00:46:47 Robert Berry: Kyle and Jon, Thanks for the shoutout
00:46:54 Ann Marie Nee: makemathmoments.com/itunes
00:47:06 Erin Meade: thanks
00:47:08 Sharlena Cooks-Fahngon: pocast - makemathmoments.com/itunes
00:47:09 Linda Ng: omg, I love that book!

00:47:16 Gunnar Guttormsen: Great read! Saw Mike Flynn at NW Math
Conference this year talk about this book.
00:47:21 Sandra MacDonald: I need this book!
00:47:21 Emily Kavanagh: I, too, agree that 8th Grade Math is difficult to
teach
00:47:40 Diane Anderson: Great book
00:47:43 Stephanie Matisiak: Lots of peop-le need this book, haha
00:47:49 Linda Ng: The concepts in the book can be applied in the
classroom
00:47:55 Elizabeth Hallahan: I like 8 and 9 more than fractions and
fifth!! lol.
00:48:16 Kristin Thomas: Such a great book!
00:48:34 Kyle Pearce: If you've read the book don't share :)
00:48:34 Marla Aehlert: Diggin' on your accents. :-)
00:48:37 David Drembus: Beverly hilton
00:48:38 Bridget Donegan: beverly hills
00:48:39 Joseph Kantrowitz: Hilton
00:48:39 Sandra MacDonald: no idea
00:48:39 Rowena West: Hyatt
00:48:40 John Simons: Hilton
00:48:40 Shannon Wall: Holiday Inn
00:48:42 Amormia Pyon: Holiday Inn Express
00:48:42 Melanie Davis: Mariott
00:48:43 Lisa Caudle: BEst Western
00:48:43 Hsiao-Ting Chiou: motel 6
00:48:44 Kristin Thomas: Disney
00:48:44 Emily Work: Beverly Hills hilton
00:48:44 Jacy Niemeyer: Hilton
00:48:44 Skip Fennell: Marriott
00:48:44 Marya Hughes: I've been there, so I'm not giving it away! So
great!

00:48:44 Pam Darden: Omni
00:48:44 Denise Cruz: Ritz Carton
00:48:45 Maureen Harden: Ritz
00:48:45 Karen Wiggins: the Hilton
00:48:45 Jennifer Cronin: Marriott
00:48:45 Grace Vaught-Smith: Mariott
00:48:45 Priscilla Galliano: Sheraton
00:48:45 Amy Tuckwell: Best Western?
00:48:45 Emma Farrow: Hilton
00:48:45 Andrea Cadman: Riz Carlont
00:48:45 Rachel White: Hyatt
00:48:45 Galit Sandaev: Hilton
00:48:45 Leslie Krefta: meridien
00:48:46 Bina Kachwalla: some 4 start one
00:48:46 Jeanine Colwell: hilton
00:48:46 Elena Ouimette: Hilton
00:48:46 April Shelton: Hilton
00:48:46 Jean Nussle: Hyatt
00:48:46 Johannah Wirzba: Hiatt!
00:48:47 Viviani Piekutowski: Continental
00:48:47 Marcella Curry: Beverly Hilton
00:48:47 Amber Scholl: Red roof
00:48:48 Mary Anne Opila: mariott
00:48:48 Elizabeth Birie: Hilton
00:48:48 rachel wingo: Hyatt
00:48:49 Joseph Wood: Hilton
00:48:49 Grace Vaught-Smith: Super 8?
00:48:49 Daniel Luther: Bonaventure
00:48:49 Tiffany Gallagher: Hilton
00:48:49 Audrey Campbell: Hilton
00:48:49 Courtney Otubuah: double tree
00:48:49 Charlotte Auen: Marriot
00:48:50 JUDY DUNMIRE: Holiday Inn
00:48:50 Jolene Peterson: Hampton
00:48:50 Stephenia Courtney: ritz
00:48:50 Adrian Chavez: Super 8
00:48:50 Diane Anderson: hilton
00:48:50 Elizabeth Melvin: Beverly hills
00:48:51 Katie Ingram: probably a private bed and breakfast
00:48:51 Kate Reardon: Hyatt
00:48:51 Stacy Miller: regent beverly wilson
00:48:51 Jasmine King: Excalibut
00:48:51 Ashley Cusick: Hilton
00:48:52 Pam Darden: omni
00:48:52 Amy Kimball: generic hotel
00:48:52 Christina Siow Young: double tree
00:48:52 Rachel Freid: Hyatt
00:48:52 Emily Kavanagh: Hilton
00:48:52 Lynda Krivansky: Hampton Inn
00:48:52 Darius Hatcher: Magic

00:48:53 Kevin LaBar: Hilton
00:48:53 Lana Bunning: Beverly Hills Hotel
00:48:53 Ginette Peralta Suarez: Hilton
00:48:53 amanda Helgerson: Hilton
00:48:53 Kerrie Becker: comfort inn
00:48:53 Beverly Krumpe: motel 6
00:48:53 Clara Fuller: Hyatt
00:48:53 Javier Carbajal: Magic Castle
00:48:53 Tammy Eplion: Hilton
00:48:54 Mary Walker: Hilton
00:48:54 Sharon Black-MacKinnon: Hilton
00:48:54 Kelli Freiwald: not a clue....
00:48:54 Adrienne Jones: Marriott
00:48:54 Lori Krebs: Super 8
00:48:54 BMcNeese: motel 6
00:48:54 Kristen MacDougall: Marriott
00:48:54 Gloria Flores: Holiday Inn
00:48:55 Gabrielle Gentile: Hyatt
00:48:55 Elizabeth Melvin: beverly hills
00:48:55 Antoinette McLain: motel 6 lol
00:48:55 Lisa Travis: hampton
00:48:55 Alicia Kaplan: Super 8
00:48:55 Christine Blake: Marriott
00:48:55 Nannette Baker: Parist
00:48:55 Debra Carter: Hilton Garden Inn
00:48:56 Louise Phillips: Hyatt
00:48:56 Deanne Wah: Magic castle
00:48:56 Karen Langford: Hilton
00:48:56 371640: Hiton
00:48:56 Rachel Freid: Days Inn
00:48:56 Wendy Hoffhines: Comfort Inn
00:48:56 Sharlena Cooks-Fahngon: Red Lion
00:48:56 Bonnie Lee: circus circus
00:48:56 judy rigney: Holiday inn
00:48:56 Julian Embrey: Hilton
00:48:57 Konnie Guthrie: Holiday Inn
00:48:57 Andrew Lemond: beverly hills hotel
00:48:57 Richard Nakaoka: Ritz!
00:48:57 Rebecca Mitchell: days inn haha
00:48:57 Connie Hostak: Motel 6
00:48:57 Suzanne Smith: Comfort Inn
00:48:57 Zuleika Jackson-Jones: Days Inn
00:48:58 Abiola Rotimi-Ogunsola: Hilton
00:48:58 Marissa Bay: Gaylord Resort
00:48:58 Jennifer Heldenbrand: Mom and Pop
00:48:58 Steven Cox: Holiday iNn
00:48:59 Faith Valentine: A Bed and Breakfast
00:48:59 Melynee Naegele: Circus Circus
00:48:59 Jacqueline Scott: Holiday Inn
00:48:59 Robbie Dillard: comfort inn

00:48:59 Ann Maas: some mom and pop place
00:48:59 Jaime Pacilio: Super 8
00:48:59 Michelle Silvia: hyatt
00:48:59 Darlene Purcell: Marriott
00:48:59 Sandra MacDonald: never been to LA :(
00:49:00 Danielle Barberi: Embassy Suites
00:49:01 Ericka Smith: Marriott
00:49:01 Kim Ellis: Aloft
00:49:01 Lynn Lafferty: Holiday Inn Express
00:49:02 Cindy Bryant: Weston
00:49:02 Veronica Kwok: One that is not a chain?
00:49:02 Elizabeth Melvin: Beverly Hills
00:49:02 Pooja Balani: holiday inn
00:49:03 Elizabeth Melvin: Beverly Hills
00:49:03 Elizabeth Hallahan: Hampton inn
00:49:03 Katie Martin: magic castle
00:49:03 Adrienne Jones: Hilton
00:49:03 JOY PERKINSACOSTA: hilton
00:49:04 Ann Wycoff Bagshaw: Holiday Inn
00:49:04 Kelli Epperson: Microtel
00:49:04 Elizabeth Melvin: Beverly Hills
00:49:04 Marie Molloy: Hampton Inn
00:49:05 Janice Magauay: Hyatt
00:49:05 Marya Hughes: Magic Castle hotel <3
00:49:05 Gloria Carrasco: Chateau
00:49:06 Ebony Baker: Best western
00:49:06 Heidi Ross: Mom and Pop
00:49:06 Vesta Mizell: hoitel california
00:49:06 Jasmine King: Howard Johnson
00:49:06 Linda Ng: It's this boutique hotel. not a Brand Name
00:49:06 Andrea Cadman: cookies!
00:49:07 Dana Nelson: mariott
00:49:07 Ginette Peralta Suarez: Actually Doubletree
00:49:07 Mark Phipps: Motel 6 or the one with the 8
00:49:11 Heidi Nunes: Quality
00:49:11 ALEX QUYENVO: mariott
00:49:11 Rehana Sultana: Holiday inn
00:49:12 Laura Cranmer: Magic
00:49:13 Polly Kimminau: Hampton inn
00:49:14 Kelli Freiwald: wyndam
00:49:15 Linda Thommen: Hampton
00:49:16 Milagros Carbonera: Mariott
00:49:19 Andrea Cadman: doubletree cookies
00:49:28 Viviani Piekutowski: Wow
00:49:33 Amber Scholl: hahahaha
00:49:38 Stephenia Courtney: ?
00:49:38 Jasmine King: LOLZ

00:49:41 Linda Ng: I want to stay there
00:49:41 Marie Hannon: :)

00:49:46 Marla Aehlert: How fun!!
00:49:50 Sandra MacDonald: looks ok
00:49:51 Michelle Bourgeois: like the movie "Bedtime Stories"
00:49:52 Pamela Gavina: magic castle?
00:49:55 Elizabeth Hallahan: \$291 \$\$ wow
00:49:58 Kristin Asa: Oh Melrose Place!
00:49:59 amanda Helgerson: haha
00:50:00 Lana Bunning: I've been to Magic castle!
00:50:00 Stephanie Bell: WOW!
00:50:01 Kelli Epperson: lol
00:50:02 Sharon Black-MacKinnon: very clever
00:50:06 Kelli Epperson: nice
00:50:07 Stephanie Matisiak: its gotta be the popsicles
00:50:07 Elizabeth Hallahan: no there is a new melrose place out.
00:50:08 Emily Kavanagh: Wow never would have thought
00:50:11 Konnie Guthrie: I'm too old for Melrose Place
00:50:14 Marya Hughes: Free snacks! ALL the snacks...
00:50:15 Denise Cruz: no frizzle. Just memory
00:50:20 Sandra MacDonald: ooooh
00:50:27 Nina Tandle: How sweet!
00:50:27 Sandra MacDonald: sold
00:50:29 Konnie Guthrie: Oh lavender
00:50:35 Kristy Woody: I want to go to this hotel
00:50:36 Nora Chase: What?!!!
00:50:37 Jaime Pacilio: seems pretty magic to me!
00:50:39 peter zirnis: where is the beer
00:50:39 Elena Ouimette: Nice
00:50:40 Amy Tuckwell: Oh, my goodness, I am there!
00:50:41 Ann Wycoff Bagshaw: Disney!!!! Magic Castle..... connections
00:50:42 Sandra MacDonald: I am heading there now
00:50:42 Kristy Woody: Wonder what the price is
00:50:42 Rehana Sultana: Really"
00:50:44 Pamela Goodwin: Sweet! Heading there when we can travel again:)
00:50:44 Rosemary Sbrocca Auger: worth it!
00:50:46 Jennifer Coe: yes please haha
00:50:48 Chris Anderson: Where's my travel agent?
00:50:50 Emily Kavanagh: Ummmmmmm ice cream
00:50:51 Allison Daniel: Need that in the teacher's lounge
00:50:51 Erin Meade: wow!
00:50:52 Sandra MacDonald: omg
00:50:55 Elena Ouimette: :)
00:50:57 Stacy Bahns: Brilliant
00:51:03 Charlotte Auen: Free soda disproportionately would influence me,
too.
00:51:03 Cecilia Lopez: :-)
00:51:09 Rehana Sultana: Something different from others
00:51:09 Stephenia Courtney: cool!
00:51:09 Louise Phillips: Love it!
00:51:10 Amy Tuckwell: This is amazing!
00:51:10 dana dulzo: sweet!!!

00:51:12 Nora Chase: I'm There!
00:51:13 Renee Catalano: my family would love that lol
00:51:14 Josephine Snyder: Love it!
00:51:15 Amber Scholl: So simple
00:51:16 Deanna Richardson: That is awesome!
00:51:17 Dana Nelson: I want to go there
00:51:18 Kim Arthur: so fun!
00:51:19 Stephanie Matisiak: I knew it would be the popsicles!!!

00:51:20 Diane Anderson: Nice!
00:51:20 Elizabeth Hallahan: white gloves r in these days.
00:51:23 peter zirnis: what about the BEER!!!
00:51:24 Denise Quarles: Popsicles in math class.
00:51:25 Cindy Bryant: OMgoodness! <3
00:51:26 Claire Dent: okay. now I need to go
00:51:31 Heidi Nunes: My nephew would love that phone ha ha
00:51:33 Gabrielle Gentile: That is awesome - so creative and different
00:51:33 Linda Ng: what, free and unlimited high fructose corn
syrup?!?!?!
00:51:35 Marya Hughes: Staying there also gets you access into the private
Magic Castle!
00:51:41 Amber Scholl: It's at child height
00:51:44 Bette Barkley: popsicles yum!
00:51:49 MONICA TIENDA: I need a popsicle hotline
00:51:51 Donna McClue: That little something extra
00:51:56 Ericka Smith: I am sold on this....seriously
00:52:09 Aya Zvaigzne: Dance Party
00:52:10 Janice Magauay: Student buy -in
00:52:16 Jacqueline SladeRCT6K03W13: awesome
00:52:18 Amber Scholl: What is the math hotline?!?!?!?!
00:52:21 Sandra MacDonald: Polygon dance party
00:52:22 Joseph Kantrowitz: Where's the tequila hotline? It is Cinco de
Mayo
00:52:23 Elizabeth Hallahan: candy. I wish we could give out candy!!
00:52:24 Stacy Bahns: I'm installing an ice-cream machine in my classroom.
00:52:25 Bina Kachwalla: This classroom looks when we have social distancing
00:53:07 Bina Kachwalla: awesome
00:53:17 Emily Kavanagh: I agree with sparking curiosity
00:53:18 Warren Ledbetter: I do Zen breathing with my students to get
them back down off of the ceiling.
00:53:30 Elizabeth Hallahan: ha.
00:53:31 J Urbanek: I love the ideas, but find I struggle with planning
time as I have to teach 6 subjects to my homeroom at 2 different grade levels since
I have a split.
00:53:41 Ximena Sloane: What was the forth one?
00:53:51 Jennifer Ciano: YES!!!!
00:53:51 Elena Ouimette: Yes!
00:53:52 ALEX QUYENVO: I thought dogs at my apartment making noise haha...
00:53:59 Ginette Peralta Suarez: Yes!!!
00:54:18 Kate Reardon: So true!

00:54:19 Jennifer Ciano: algorithms don't build conceptual understanding
00:54:19 Velma Guidry: yes, we don't give them time to think
00:54:21 Joseph Kantrowitz: I agree but in this test crazy world, what
can we do?
00:54:28 Gloria Flores: I agree
00:54:33 Marcella Curry: Love it! I have been thinking for years that the we
teach algorithms too soon.
00:54:41 Vesta Mizell: let them figure it out on their own
00:54:42 Jaime Pacilio: Been there.
00:54:43 Elizabeth Hallahan: I feel like they pack the curricula too wide
and not deep. even though cc was supposed to go deeper it went wider. on some
levels.
00:54:46 MEGAN SPEARS: agree completely!
00:54:47 Stephanie Matisiak: exactly! The tests shouldn't matter, then
we could teach the way the kids need.
00:54:57 Allison Daniel: I always run out of time!
00:55:03 Kristy Woody: I hate teaching to the test
00:55:04 Erin Meade: I did my teaching internship almost 2 years ago and
haven't taught since due to my husband deploying and taking care of babies. This
has so fired up to get back into the classroom! Thanks!
00:55:12 Laura Cranmer: Some of this is driven by how we are evaluated
00:55:17 Warren Ledbetter: Get OUR heads out of the test. We teach to
the children, not the test.
00:55:19 Vesta Mizell: EDIT OUR CURRICULA
00:55:25 Michelle Webb: Exactly
00:55:30 Marcella Curry: Teaching to the test creates mathematical ignorance
00:55:36 Joseph Kantrowitz: Eliminate Pearson
00:55:36 Litha Sonner: I agree Joseph... testing is killing true
learning... limited times, large classrooms don't help either.
00:55:39 Elizabeth Hallahan: wow awesome. thank your husband for his
service to our country.
00:55:54 Kristy Woody: I have a lot of students who have learned that if
they sit there long enough someone would do it for them
00:55:57 Enkelejda Limani: I Do, We Do, You Do - District rule
00:56:04 Grace Vaught-Smith: Kristy agree!
00:56:05 Marcella Curry: Yeah! Someone else who is not a fan of Pearson!
00:56:11 Elizabeth Hallahan: this year in ny no tests. let's us be more
creative in google classroom.
00:56:12 Nina Tandle: It's so unfortunate that there is such an emphasis
on standardized testing and that we often have to "teach to the test"
00:56:12 Renee Catalano: Students do sit back and wait for us to do the
thinking and then they can just rotely follow the steps without needing to
understand the why.
00:56:16 Stephanie Matisiak: yes it would be nice if teachers were
trusted to teach.
00:56:17 Vesta Mizell: Let the waiting students wait :)
00:56:19 Randy Ross: hi Kelda
00:56:22 Jasmine King: That foolishness "I Do, We Do, You Do"
00:56:27 Ann Wycoff Bagshaw: It will be interesting to see how this works
with Cornell Notes and Avid Strategies.

00:56:29 Angela Tseng: What happens if we Flip the Classroom?
00:56:30 Bina Kachwalla: Classroom discourse??
00:56:36 Kristin Asa: Truth Jasmine!
00:56:39 Heidi Nunes: I do, we do, you do absolutely killed my kids. EDI was a joke.
00:56:41 Allison Daniel: Yes - AVID!!
00:56:46 Cruz Flores Vazquez: Pearson is definitely a big problem. I did my edTPA using THEIR materials, and they evaluated my lessons as being "disconnected"
00:56:47 Vesta Mizell: Kahoot is great with the Interwrite for this
00:56:48 Mary Dugas: yes....flip it
00:56:48 Melanie Pesola: Looks like my own high school math classes, and as a student I strggled in that format. Practicing what I don't really know how/ or certainly not why.
00:56:51 Kelli Freiwald: They cancelled tests this year and we are surviving without it!
00:56:52 Antoinette McLain: very true. that's why I like to start with discourse
00:56:57 Myra Collins: I have found that many textbooks rush kids to understand math. Kindergartners will be using the addition algorithm by the end of the first quarter! They don't even understand number. And many teachers don't know another way to teach. They teach the way they were taught.
00:57:05 Milagros Smith: If we would not have state tests that do not even assess the students as individuals, maybe we could have time to plan lessons to actually learn and maybe teach them to like math.
00:57:10 Elizabeth Hallahan: haven't we flipped the classroom in distance learning. boom!!
00:57:15 Ericka Smith: Sounds like the audio book I am currently reading...Teach like a Pirate
00:57:18 Josie: @ Angela ... I want yo try flipped teaching for my IM1 its works for Calculus.
00:57:28 Konnie Guthrie: Teaching by telling does not build sense making.
00:57:29 Emily Kavanagh: Yes I agree with this
00:57:48 Josie: It works for speds.
00:57:54 Gabrielle Gentile: So often my students are afraid to start for fear of being wrong
00:57:58 Warren Ledbetter: My students (SPED) may not be able to multipy, but if you ask them how many dollars 4 bags of 6 dollars each has, they can get that.
00:58:06 Elizabeth Hallahan: with a flipped classroom we need to make sure all kids have the access to tech they need.
00:58:07 Bina Kachwalla: 5 practices??
00:58:16 Ann Wycoff Bagshaw: We have many students that have significant gaps in conceptual foundations. Building conceptual foundations as we work on our standards is where my students get stuck.
00:58:23 Kelli Freiwald: I do love bar models and tape diagrams though....
00:58:38 Jennifer Coe: EXACTLY. I co-create anchor charts with my class or "unveil" a pre-created with them during class discussion
00:58:42 Myra Collins: And when every classroom has a different anchor chart kids get confused. What about working together and getting the same one in

every math classroom?

00:58:42 Kristy Woody: So many students in distance learning are just writing down numbers and submitting the work

00:58:47 Vesta Mizell: my whole high school did times tables ten minutes a day and the growth in math was huge

00:58:48 Sandra MacDonald: wow

00:58:52 Litha Sonner: that is a powerful statement

00:58:55 Cindy Bryant: Powerful assumption!

00:58:58 Marie Hannon: agh!

00:59:02 Gloria Flores: WOW so TRUE

00:59:03 Joseph Kantrowitz: A lot of my anchor charts were made by students. It

00:59:04 Marcella Curry: By the time they get to high school, they fight thinking!

00:59:06 MELVIN BURNETT: I have students help us unpack the standards together

00:59:09 Elizabeth Hallahan: yes. my best students who love being students are afraid of making mistakes.

00:59:12 Joseph Kantrowitz: It's a project in itself

00:59:15 Bina Kachwalla: Yep!! Preparing for responses

00:59:23 Milagros Smith: I like this statement.

00:59:25 Elizabeth Hallahan: the ones who wing it some times have the best ideas.

00:59:30 Maria Valencia Pena: I like how it sounds flip the lessons

00:59:33 Sharla Prebble-Riddick: All of these strategies are what we were told to do and had to implement.

00:59:33 Ann Wycoff Bagshaw: My students create the anchor charts for the classroom but they tend to not use them after the lessons has concluded.

00:59:36 Cindy Bryant: Making mistakes is a HUGE fear!

00:59:43 Nannette Baker: That is profound. But..... aren't we taught that in achieving a degree? You have to be extremely explicit haha.

00:59:43 Stephanie Schultz: totally guilty of this.....

00:59:45 Elizabeth Hallahan: kids want white out to take notes. just go!!

00:59:48 Claire Dent: i have to prepare before I'm confident enough to wing it

01:00:09 Vesta Mizell: let the kids figure it out any way they can

01:00:10 Teresa Sutton: My 6th graders loved this!

01:00:29 Jessica Lysholm: I loved that 3-act math task!

01:00:30 Jennie Brown: Yes, I did this one with my students! Loved this!

01:00:31 Meghan Bliss: Same, @Teresa

01:00:42 Heidi Nunes: Love Notice and Wonder

01:00:49 Myra Collins: Failing is a huge problem, Cindy. Mistakes = failure in too many minds.

01:00:54 Andrew Tyler: @Meghan, Loved what?

01:01:00 Marie Hannon: Notice and wonder!

01:01:01 Konnie Guthrie: I need to empty my cabinet so it will move.

01:01:02 Louise Phillips: My students enjoyed this task.

01:01:08 Joseph Kantrowitz: notice and wonder allows kids to get right answers, building self confidence

01:01:10 Cindy Bryant: Totally agree Myra!

01:01:15 Rebecca Mitchell: What you are saying makes me think of the work of Amanda Jansen... rough-draft thinking

01:01:16 Elizabeth Hallahan: I have parents that ask me not to call on kids or engage them in class as they have math anxiety. and they say that would add to it.

01:01:24 Jennifer Ciano: Yes, let's students explore the mathematical task

01:01:28 Bina Kachwalla: agree with stopping pretaeching

01:01:41 Rehana Sultana: Formative Assessment

01:01:49 Michelle Gandy: Productive Struggle vs. Learned Helplessness

01:01:55 Erin Meade: does pre-teaching mean reviewing the skills they will need?

01:02:14 Elizabeth Hallahan: the lists and lists of standards are crippling. to this. we love this. but we need more than 40 min a day I think.

01:02:18 Bina Kachwalla: Love it

01:02:19 Heather Ruiz: 40

01:02:21 Teresa Sutton: 50

01:02:21 Jennifer Cronin: 28

01:02:21 Jenny Sagrillo: 50

01:02:22 Sandra MacDonald: 18

01:02:22 Ann Marie Nee: 28

01:02:22 rachel wingo: 40

01:02:22 Tess Wills: 28

01:02:23 Antoinette McLain: 40

01:02:23 Jaime Pacilio: 30

01:02:23 Kimberly Biniecki: 40

01:02:24 Kristin Asa: 28

01:02:24 Velma Guidry: 50

01:02:25 John Simons: 18

01:02:25 Emily Work: 32

01:02:25 Rebecca Dominguez: 25

01:02:26 Luisa de Carteret: 50

01:02:26 Branch Pronk: 40

01:02:26 Tyra Ray: 18

01:02:26 Marya Hughes: 28

01:02:26 Jasmine King: 32

01:02:26 Ramona Hall: 15

01:02:26 David Drembus: 40

01:02:26 Andrea Cadman: 50

01:02:26 Daniel Luther: 40

01:02:27 Joseph Wood: 50

01:02:27 Angie Stika: 32

01:02:27 Michelle Bourgeois: 28

01:02:27 Bryan Buckingham: 32

01:02:27 Heidi Nunes: 24

01:02:27 Josephine Snyder: 28

01:02:27 Jennifer Ciano: 55

01:02:27 Acadia Gurney: 55

01:02:27 Cindy Bryant: 24

01:02:28 Adrienne Jones: 21

01:02:28 Maria Valencia Pena: 40

01:02:28	Lara Sawamukai:	40	
01:02:28	Amber Scholl:	28	
01:02:28	Mark Phipps:	70	ish
01:02:28	Marie Hannon:	40	
01:02:28	Gabrielle Gentile:		36
01:02:28	Ali Semanision:	32	
01:02:28	ALEX QUYENVO:	32	
01:02:28	Joseph Kantrowitz:		50
01:02:28	Emma Farrow:	40	
01:02:28	Emily Volk:	50	
01:02:28	Emily Kavanagh:	60	
01:02:28	Kendra Edwards:	42	
01:02:28	Denise Quarles:	32	
01:02:28	Lynn Lafferty:	32	
01:02:28	Marcella Curry:	50	
01:02:28	Kelly Sanchez:	50	
01:02:28	Michelle Silvia:		24
01:02:29	Brynna Fisher:	24	
01:02:29	Susan Troutman:	28	
01:02:29	Sharon Frost:	70	
01:02:29	Dana Nelson:	28	
01:02:29	Janice Magauay:	28	
01:02:29	Katie Gibson:	40	
01:02:29	Lisa Caudle:	40	
01:02:29	Jessica Lysholm:		24
01:02:29	Amy Greger:	40	
01:02:29	Ann Marie Nee:	32	
01:02:29	Meghan Bliss:	32	
01:02:29	Kristen Hooker:	How do we allow good time for discovering when there is so little time? My math courses are being taken from every day 90 minute blocks to every other.	
01:02:29	Katherine Garcia:	30	
01:02:29	Elizabeth Melvin:	32	
01:02:29	Melissa Luzano:	40	
01:02:29	Daniel Seif:	18	
01:02:29	Lisa Rogers:	24	
01:02:29	Tedra Heron:	50	
01:02:29	Claire Dent:	4x7=28	
01:02:30	Javier Carbajal:		50
01:02:30	Kathleen Cullen:		50
01:02:30	Ca-Lishea Woods:		48
01:02:30	Bina Kachwalla:	45	
01:02:30	Tracey Lamb:	50	
01:02:30	Kenneth McKee:	15	
01:02:30	Jennifer Coe:	35	
01:02:30	Tricia:	28	
01:02:30	Jasmine King:	32	
01:02:30	Tammy Eplion:	60	
01:02:30	Milagros Carbonera:		40
01:02:30	Faith Valentine:		24

01:02:30	Louise Phillips:	40
01:02:30	Kari Dawson:	32
01:02:30	Lynda Krivansky:	50
01:02:30	Gloria Flores:	35
01:02:30	Meredith Arthur:	24
01:02:30	Katie Gibson:	45
01:02:31	Robin Schwartz:	32
01:02:31	Caitlin McNeil:	18
01:02:31	Christina Tully:	32
01:02:31	Pam Darden:	50
01:02:31	Linda Thommen:	40
01:02:31	Ginger Miller:	32
01:02:31	Sherry *Bovey:	15
01:02:31	Natasha Jean-Louis:	32
01:02:31	Joseph Wood:	50
01:02:31	Emily Lewis:	32
01:02:31	Cindy Falla:	200
01:02:31	Jaleesa Sampson:	36
01:02:32	Karen Reodica:	50 square unites
01:02:32	Mariana Soldini:	30
01:02:32	Lana Bunning:	32
01:02:32	April Shelton:	48
01:02:32	Denesha Howell:	100
01:02:32	Elizabeth Melvin:	32
01:02:32	Kristy Woody:	40
01:02:32	Katie Ingram:	32
01:02:32	Amy Tuckwell:	120
01:02:32	Milagros Smith:	18
01:02:32	Patti Lawrence:	21
01:02:32	Galit Sandaev:	36
01:02:32	Angelica Johnson:	40
01:02:32	amanda Helgerson:	48
01:02:32	Darius Hatcher:	80
01:02:32	Gunnar Guttormsen:	50
01:02:32	Kate Reardon:	21
01:02:32	Elena Ouimette:	32
01:02:33	Renee Catalano:	40
01:02:33	Allison Daniel:	48
01:02:33	Mary Anne Opila:	32
01:02:33	Beverly Krumpe:	18
01:02:33	BMcNeese:	45
01:02:33	Vanessa Hale:	32
01:02:33	Clara Fuller:	21
01:02:33	Ashley Roberts:	32
01:02:33	Angela London:	28
01:02:33	Mary Walker:	40
01:02:33	Judith Florczak:	36
01:02:33	Maria Valencia Pena:	40
01:02:33	Linda Ng:	32
01:02:34	Denise Cruz:	80

01:02:34	Kelli Epperson:	30	
01:02:34	Andrea Cadman:	50	
01:02:34	Sahar Alkhatib:	24	
01:02:34	Priscilla Galliano:		24
01:02:34	Stephanie Schultz:		70
01:02:34	Melissa Abdoo:	32	
01:02:34	Rachel Freid:	28	
01:02:34	Leslie Krefta:	32	
01:02:34	Amanda Aitken:	24	
01:02:34	Richard Nakaoka:		24
01:02:34	Melanie Montanez:		28
01:02:34	Joseph Townson:	32	
01:02:34	Ruth Glasgow:	40	
01:02:34	Polly Kimminau:	45	
01:02:34	Rachel White:	5=40	
01:02:35	Christina Hall:	40	
01:02:35	Ann Wycoff Bagshaw:		28
01:02:35	Charlotte Auen:	36	
01:02:35	Archita Vaghasiya:		28
01:02:35	Linda Fulmore:	50	
01:02:35	Suzanne Smith:	24	
01:02:35	Sandra MacDonald:		32
01:02:35	Kristen MacDougall:		50
01:02:35	Michelle Gandy:	72	
01:02:35	Litha Sonner:	28	
01:02:35	Lisa Caudle:	40	
01:02:35	Elizabeth Birie:		24
01:02:35	Janet Ibeka:	23	
01:02:35	Kristin Thomas:	40	
01:02:35	Pam Darden:	50	
01:02:36	Rehana Sultana:	21	
01:02:36	Kathryn Prater:	32	
01:02:36	Bridget Donegan:		5x7=35
01:02:36	Skip Fennell:	40	
01:02:36	Enkelejda Limani:		32
01:02:36	Rosie Barnes:	28	
01:02:36	Leslie Sorace:	28	
01:02:36	Brandi Fleckenstein:		24
01:02:36	Wendy Hoffhines:		28
01:02:36	Deanne Wah:	28	
01:02:36	Teresa Sutton:	35	
01:02:36	Cherri Wilson:	40	
01:02:36	Ashley Cusick:	80	
01:02:36	MEGAN SPEARS:	25	
01:02:36	Sharon Bentkowski:		32
01:02:37	Andina Dwiyani Anwar:		28
01:02:37	MELVIN BURNETT:	40	
01:02:37	John Sasko:	24	
01:02:37	Portia Felder:	40	

01:02:37	Donna McClue:	32	
01:02:37	Rebecca Mitchell:	45	
01:02:37	Elizabeth Melvin:	32	
01:02:37	Josie:	32	
01:02:37	Lori Krebs:	48	
01:02:37	Monica Roland:	32	
01:02:37	Veronica Kwok:	24	
01:02:37	Stephanie Burton:	32	
01:02:37	Lisa McGlothlin:	28	
01:02:37	Latrina Bowen:	35	
01:02:37	Warren Ledbetter:	36	
01:02:37	Bryan Buckingham:	32	
01:02:37	judy rigney:	21	
01:02:38	Nannette Baker:	28	
01:02:38	Sharon Ling:	45	
01:02:38	Branch Pronk:	40	
01:02:38	Brion Peterson:	40	
01:02:38	Jean Nussle:	44	
01:02:38	Steven Cox:	28	
01:02:38	Linda Weyman:	36	
01:02:39	Cruz Flores Vazquez:	48	
01:02:39	Erin Ryan:	28	
01:02:39	Patty Blair:	40	
01:02:39	Jorge Veloso:	24	
01:02:39	amanda Helgerson:	48	
01:02:39	Ericka Smith:	35	
01:02:39	Vesta Mizell:	15	
01:02:39	Virginia Driscoll:	4 x 7	
01:02:39	371640:	80	
01:02:39	Julian Embrey:	28	
01:02:39	JOY PERKINSACOSTA:	80	
01:02:40	Sreevelmurugan Vamadevan:		36
01:02:40	Tiffany Gallagher:	18	
01:02:40	Sharon Black-MacKinnon:	24	
01:02:40	Lauren Aragon:	32	
01:02:40	Sandi Rasmussen:	32	
01:02:40	Myeesha Jones:	45	
01:02:40	Simone Dixon:	20	
01:02:40	Erika Swinemer:	28	
01:02:40	Rachel Hauser:	90	
01:02:40	Abiola Rotimi-Ogunsola:	28	
01:02:40	SAPNA SHARMA:	18	
01:02:41	Kristen Hooker:	36	
01:02:41	Tami Kreft:	40	
01:02:41	Kate Luker:	28	
01:02:41	Kerrie Becker:	32 squares	
01:02:41	Stephanie Matisiak:	26	
01:02:41	Sharla Prebble-Riddick:	40	
01:02:41	Myra Collins:	28	
01:02:42	Maureen Harden:	60	

01:02:42	Cathy Grant:	60
01:02:42	J Urbanek:	40
01:02:43	Melynee Naegele:	35
01:02:43	Portia Felder:	40
01:02:43	Grace Vaught-Smith:	Less than 50
01:02:43	Alicia Madsen:	45
01:02:43	Kim Ellis:	21
01:02:43	Alicia Kaplan:	36
01:02:43	Dave Hankin:	40
01:02:43	Michael Perkins:	50
01:02:43	Laura Cranmer:	100
01:02:43	Enkelejda Limani:	32
01:02:43	Ebony Baker:	28
01:02:44	Kelli Freiwald:	30
01:02:44	Jacqueline Scott:	36
01:02:44	Donna Gessner:	32
01:02:45	Marlin Dib:	40
01:02:45	Melanie Pesola:	52
01:02:45	Christina Siow Young:	32
01:02:46	Deborah Paterson:	50
01:02:46	Deborah Paterson:	50
01:02:46	Irene Ramos:	28 SQUARE UNITS
01:02:46	Jennie Brown:	28
01:02:46	Linda Ng:	4 columns, 8 rows
01:02:47	ROGER MILLER:	50
01:02:47	Judith Florczak:	50
01:02:47	Jennifer Heldenbrand:	85
01:02:48	Nannette Baker:	28
01:02:48	Melanie Montanez:	28
01:02:48	Amy Kimball:	72
01:02:48	Angela Tseng:	24
01:02:49	Charese Chambers:	36
01:02:49	C Robertson:	60
01:02:49	Lindsey Vasques:	72
01:02:50	Andrea Cadman:	55
01:02:50	Bina Kachwalla:	ESTMATE!!!!
01:02:50	Kevin LaBar:	50
01:02:50	Robbie Dillard:	your font is too large for me to see everything
01:02:50	dana dulzo:	60
01:02:52	Rowena West:	40
01:02:52	Jocelyn Gabrinao:	32
01:02:52	Bonnie Lee:	72
01:02:53	ROER SHONDA:	28
01:02:53	Latrina Bowen:	35
01:02:53	Angela Tseng:	24
01:02:54	Jason Wright:	24
01:02:54	Elizabeth Hallahan:	6 times 4
01:02:54	Rebecca Upchurch:	50
01:02:55	Sylvester Major:	28
01:02:56	Luzviminda Malabanan:	48

01:02:59	Irene Ramos:	28 square units
01:03:00	Daniel Irving:	24
01:03:01	Amber Scholl:	28
01:03:01	Anna Clarissa Regala:	32
01:03:02	Marie Molloy:	40
01:03:02	Rebecca Mitchell:	32
01:03:02	Milagros Carbonera:	That's what I do to my students
01:03:02	Bridget Donegan:	28
01:03:02	Elena Ouimette:	32
01:03:03	peter zirnis:	4
01:03:03	MONICA TIENDA:	28
01:03:03	Stephanie Schultz:	35
01:03:03	Chris Anderson:	40
01:03:03	Joseph Kantrowitz:	32
01:03:03	Kristin Asa:	28
01:03:04	Joseph Wood:	32
01:03:04	Teresa Sutton:	28
01:03:04	Jennifer Coe:	32
01:03:04	Staci Jackson:	55
01:03:04	Dale Pasino:	32
01:03:04	Jasmine King:	28
01:03:04	Adrienne Jones:	28
01:03:04	Priscilla Galliano:	24
01:03:05	Sandra MacDonald:	still 32
01:03:05	Stephanie Matisiak:	still 28
01:03:05	Virginia Driscoll:	28
01:03:05	Kate Reardon:	40
01:03:05	Tricia:	28
01:03:05	Ramona Quintero Caldera:	30
01:03:05	Katie Gibson:	32
01:03:05	Gunnar Guttormsen:	28
01:03:06	Caitlin McNeil:	24
01:03:06	Tedra Heron:	32
01:03:06	Sharon Frost:	32
01:03:06	Emily Work:	32
01:03:06	Lisa Rogers:	28
01:03:06	Lara Sawamukai:	32
01:03:06	judy rigney:	32
01:03:06	Angela Tseng:	24
01:03:07	Ashley Cusick:	40
01:03:07	Simone Dixon:	28
01:03:07	Vesta Mizell:	24
01:03:07	Amy Kimball:	32
01:03:07	Katie Ingram:	sticking with 32
01:03:07	John Simons:	28
01:03:08	Nannette Baker:	24
01:03:08	amanda Helgersen:	40
01:03:08	Andrea Cadman:	32
01:03:08	John Sasko:	28
01:03:08	anjana tihaiya:	24

01:03:08	Staci Jackson:	55	
01:03:08	Luisa de Carteret:		32
01:03:08	Christina Hall:	28	
01:03:08	Janice Magauay:	Still	28
01:03:09	Jenny Sagrillo:	32	
01:03:09	Marcella Curry:	32	
01:03:09	Cindy Falla:	32	
01:03:09	Rehana Sultana:	28	
01:03:09	Jasmine King:	28	
01:03:09	Jorge Veloso:	32	
01:03:09	Jaime Pacilio:	20	
01:03:09	Bina Kachwalla:	28	
01:03:09	Rebecca Dominguez:		40
01:03:09	Brandi Fleckenstein:	28	squares
01:03:10	Kim Ellis:	28	
01:03:10	Daniel Luther:	28	
01:03:10	Jean Nussle:	28	
01:03:10	Pamela Stark:	45	
01:03:10	Jennifer Heldenbrand:		48
01:03:10	Bonnie Lee:	24	
01:03:10	Paul Lavery:	28	
01:03:10	Michael Perkins:		28
01:03:11	Steven Cox:	28	
01:03:11	Kenneth McKee:	20	
01:03:11	Sandra MacDonald:		or 28
01:03:11	Skip Fennell:	32	
01:03:11	Katie Gibson:	28	
01:03:11	Jessica Lysholm:		28
01:03:11	Angelica West:	28	
01:03:11	Linda Fulmore:	40	
01:03:12	Mark Phipps:	closer to	30
01:03:12	Sharlena Cooks-Fahngon:	28	
01:03:12	Jennifer Ciano:	28	
01:03:12	Angelica Johnson:		32
01:03:12	Portia Felder:	24	
01:03:12	Jorge Veloso:	32	now.
01:03:12	Kelli Epperson:	28	
01:03:13	April Shelton:	32	
01:03:13	Kate Luker:	32	
01:03:13	Ebony Baker:	40	
01:03:13	Yelena Girdo:	28	
01:03:13	Joseph Kantrowitz:		32
01:03:13	Carmela Minckler:		32
01:03:14	Marya Hughes:	32	
01:03:14	Polly Kimminau:	24	
01:03:14	Tiffany Gallagher:		28
01:03:14	Kristen Hooker:	32	
01:03:14	Ramona Hall:	24	
01:03:14	Denesha Howell:	28	
01:03:14	Veronica Kwok:	24	

01:03:14 Kendra Edwards: 32
 01:03:14 Lynda Krivansky: 24
 01:03:15 Nora Chase: 24
 01:03:15 Louise Phillips: 32
 01:03:15 JOY PERKINSACOSTA: 28
 01:03:15 Mary Anne Opila: 32
 01:03:15 Judith Florczak: 28
 01:03:15 MEGAN SPEARS: 32
 01:03:15 Stacy Bahns: 32
 01:03:15 Karen Langford: 24
 01:03:15 Renee Catalano: 4x8
 01:03:16 SAPNA SHARMA: may be 24
 01:03:16 Jaleesa Sampson: 28
 01:03:16 Andrew Lemond: 35
 01:03:16 Patti Lawrence: 28
 01:03:16 Kevin LaBar: 28
 01:03:16 Melynee Naegele: It's like the filing cabinet problem!
 Bamalama!
 01:03:17 MELVIN BURNETT: 36
 01:03:17 Alicia Madsen: 28
 01:03:17 Rowena West: 32
 01:03:18 Gloria Carrasco: 28
 01:03:18 Bina Kachwalla: 32
 01:03:18 Michelle Gandy: 28
 01:03:18 Margaret O'Connell: 322
 01:03:18 Jasmine King: 28
 01:03:18 Faith Valentine: Still think 24
 01:03:19 Melissa Miller: 24
 01:03:19 Donna McClue: 28
 01:03:19 Laura Cranmer: 32
 01:03:19 Sandi Rasmussen: still 32
 01:03:19 Paul Lavery: 28
 01:03:19 Susan Lear: 24
 01:03:20 Sharla Prebble-Riddick: 32
 01:03:20 Sandra MacDonald: either 32 or 28
 01:03:20 Ximena Sloane: 28
 01:03:20 Debra Carter: 36
 01:03:20 Rehana Sultana: 24
 01:03:20 Darius Hatcher: 36
 01:03:21 Connie Hostak: 24
 01:03:21 Luzviminda Malabanan: 28
 01:03:21 Ann Marie Nee: 32
 01:03:21 Timea Darvas: 24
 01:03:21 Jolene Peterson: 20-24
 01:03:22 Karen Reodica: 32 units squared
 01:03:22 Milagros Carbonera: 24
 01:03:22 Sahar Alkhatib: 28
 01:03:22 Heidi Ross: 20
 01:03:23 Cherri Wilson: 32
 01:03:23 Pam Darden: 24

01:03:23 Lauren Wann: 32
01:03:23 Clara Fuller: 28
01:03:24 Myra Collins: 24
01:03:25 Denise Quarles: 28-32
01:03:25 Kathleen Cullen: 32
01:03:25 Maria Valencia Pena: 28
01:03:26 rachel wingo: 24
01:03:26 Lindsey Vasques: 32
01:03:26 Marlin Dib: 32
01:03:26 Tami Kreft: 48
01:03:27 Javier Carbajal: 36 or 40
01:03:27 Christine Rees: 36
01:03:28 Lori Krebs: 24
01:03:28 Julian Embrey: 36
01:03:28 371640: 20
01:03:29 Nadia Messadi: 40
01:03:29 Amy Tuckwell: 44
01:03:29 Maureen Harden: 32
01:03:29 Michele Elliott: 36
01:03:29 Jennifer Heldenbrand: 32
01:03:30 Ann Maas: 32
01:03:30 Debra Carter: 36
01:03:30 Jasmine King: 28
01:03:31 Jennie Brown: 24
01:03:31 Ann Wycoff Bagshaw: 4 x 6 or 4 x 7. Between 24-28
01:03:31 J Urbanek: 30
01:03:31 Danielle Barberi: 24
01:03:31 Monica Roland: I'm sticking with my original answer of 32.
01:03:31 Jocelyn Gabrinao: 28
01:03:32 Jacqueline Scott: 32
01:03:32 peter zirnis: sorry 5
01:03:32 Beverly Krumpe: 24
01:03:33 JUDY DUNMIRE: 40
01:03:34 C Rob ertson: 28
01:03:35 Stephanie Matisiak: I WAS RIGHT
01:03:36 Abiola Rotimi-Ogunsola: insist on 28
01:03:36 Rebecca Mitchell: 28
01:03:36 Amber Scholl: 28
01:03:36 Andrea Cadman: 28
01:03:36 Sandra MacDonald: damn 28
01:03:36 Jenny Sagrillo: 28
01:03:37 Maricar Najera: 24
01:03:37 Warren Ledbetter: 32 or 36
01:03:37 Susan Troutman: 28
01:03:37 Warren Ledbetter: 21
01:03:37 Jacqueline SladeRCT6K03W13: 24
01:03:37 Bryan Buckingham: 28
01:03:37 Emily Work: 28
01:03:37 Maureen Harden: 28
01:03:38 Marcella Curry: 28

01:03:38 Michael Perkins: 28
01:03:38 Bina Kachwalla: 28
01:03:38 Kristin Asa: 28
01:03:38 Lara Sawamukai: 28
01:03:38 Sharon Black-MacKinnon: 28
01:03:39 rachel wingo: 28
01:03:39 Sharon Frost: 28
01:03:39 Portia Felder: 28
01:03:39 Louise Phillips: 28
01:03:39 Elizabeth Hallahan: 42
01:03:39 Rehana Sultana: 28
01:03:40 Meghan Bliss: 28
01:03:40 Rebecca Dominguez: 28
01:03:40 Jolene Peterson: 28
01:03:40 Maria Valencia Pena: 28
01:03:40 MONICA TIENDA: SWEET!!
01:03:40 JUDY DUNMIRE: 28
01:03:41 Linda Weyman: 28!!!!
01:03:41 Debra Carter: 28
01:03:41 Veronica Kwok: 28
01:03:41 Rehana Sultana: 28
01:03:41 Kristy Woody: 28
01:03:41 amanda Helgerson: 28
01:03:42 Javier Carbajal: damn!
01:03:42 Jennifer Heldenbrand: 28
01:03:42 Charlotte Auen: 28 :)
01:03:42 Priscilla Galliano: 28
01:03:43 Nina Tandle: 28!
01:03:43 Katie Ingram: 28
01:03:43 Susan Lear: 28
01:03:43 Audrey Campbell: 28
01:03:44 Sandi Rasmussen: 28
01:03:44 Ashley Cusick: 28
01:03:45 Darius Hatcher: 28
01:03:45 Lauren Aragon: 28
01:03:46 Kristy Woody: 28
01:03:46 Jocelyn Gabrinao: 28
01:03:46 Javier Carbajal: not even close!
01:03:46 Kelli Epperson: I got it!!
01:03:48 Lindsey Vasques: 28
01:03:48 April Shelton: 28
01:03:49 Ann Marie Nee: 28
01:03:49 Renee Catalano: $7 \times 4 = 28$
01:03:49 Nora Chase: 28
01:03:50 Maria Valencia Pena: 28
01:03:55 Michelle Gandy: love this!
01:03:56 Janice Magauay: yay!
01:03:59 anjana tihaiya: what is the website you mentioned for this estimate
activity?
01:03:59 Bina Kachwalla: Great thinking for students

01:04:10 Litha Sonner: rock n' roll! lol
01:04:11 Daniel Luther: yes!
01:04:15 Kerrie Becker: great activity!
01:04:16 Gabrielle Gentile: Yes this helps them in understanding what
area is
01:04:17 Ann Wycoff Bagshaw: Interesting because arrays are initially
taught in second grade, second semester. Connecting with prior knowledge.
01:04:19 Sharee Davis: mathisvisual.com
01:04:19 Danielle Bentley: Great job Everyone!
01:04:24 Alicia Kaplan: Great for visual learners
01:04:24 Claire Dent: how do you balance the free sensemaking with
building a math vocabulary
01:04:25 Abiola Rotimi-Ogunsola: Yeah!!!!
01:04:26 Stephanie Matisiak: I would have used that with my seniors in
high school
01:04:35 Stephanie Matisiak: they were in Bridge math and it SUCKED
01:04:48 Allison Daniel: Intriguing
01:05:04 Katie Gibson: this involves teaching kids that it's OKAY to be
wrong at first - this is a tough concept for many - they've been taught for too long
they have to be right every time
01:05:05 Monica Roland: I would probably use that exercise with area models
in 8th grade/Algebra 1 before we start factoring.
01:05:10 Grace Vaught-Smith: We don't have school on Fridays :(
01:05:19 Marcella Curry: My kids would avoid being in school on Friday
01:05:21 Gloria Carrasco: I loved doing this activity with my
students!!
01:05:30 Stacy Bahns: Feel limited by adopted curriculum
01:05:37 Stephanie Matisiak: interesting!
01:05:38 Sharlena Cooks-Fahngon: great concepts to reach students that a
behind
01:05:39 Milagros Smith: About vocabulary, I think if we use the proper
language and adequate vocabulary, students will build or get used to the vocabulary.
01:05:41 Irene Ramos: SOH CAH TOA
01:05:43 Elizabeth Hallahan: ha ha. Friday avoid.
01:05:46 Grace Vaught-Smith: My text book did this but put a stupid
"hypnosis" twist on it
01:05:50 Nina Tandle: I used this "mirror method" when teaching indirect
measurement back when I taught 7th grade!!!
01:05:57 Monica Roland: I agree Milagros.
01:05:58 Kristy Woody: @Irene Love SOHCAHTOA
01:05:59 amanda Helgerson: I do something like this in the CMP3 work.
mirror method
01:06:02 Janice Magauay: I love 3-act MATH
01:06:06 Amber Scholl: What's the angle of the mirror?
01:06:11 Warren Ledbetter: As long as the positions adjust
proportionality they can still see each others eyes.
01:06:11 Jennie Brown: We did an activity similar to this but we used
shadows.
01:06:19 MEGAN SPEARS: love this discourse
01:06:25 Karen Reodica: For the attendees teaching 5-8 grade, how many

minutes are in your daily math block?

01:06:39 Claire Dent: love this
01:06:44 Bina Kachwalla: one hour
01:06:45 Lina Lett: This year I had 80 minutes in mine
01:06:45 Tami Kreft: 84 mins
01:06:47 Cruz Flores Vazquez: 85 minutes
01:06:48 Nina Tandle: @Karen, 60 minutes
01:06:48 Brion Peterson: 75 minutes
01:06:48 Claire Dent: 50 minutes
01:06:52 Lauren Aragon: 50 minutes
01:06:52 Ghazala Manzoor: 80
01:06:52 Kristin Asa: 50 min
01:06:53 amanda Helgerson: 55 min
01:06:53 Stephanie Matisiak: I remember the FIRST letter I got from a student in class
01:06:53 Ann Marie Nee: love the mirror activity
01:06:53 Monica Roland: @ Karen, 55-60min
01:06:54 Christina Siow Young: 45 minutes
01:06:54 Cruz Flores Vazquez: but with remote learning, 60
01:06:55 Amanda Aitken: 52 minutes M-F
01:06:55 Elizabeth Hallahan: we all want to teach like this. how do u have the time. that's what I need to understand.
01:06:56 Elizabeth Chapman: about 60 to 70 minutes
01:06:57 Stacy Milas: 90 mins
01:06:57 Rachel White: 60 minutes
01:06:57 J Urbanek: 60
01:06:57 Jessica Lysholm: 85 minutes every other day
01:06:58 ROER SHONDA: 80 min
01:06:58 Jennie Brown: 5th and 6th 90; 7th and 8th 50
01:06:59 Sharon Black-MacKinnon: 44
01:07:00 Jasmine King: 55 minutes
01:07:01 Alicia Kaplan: Grade 5 teacher here I have 90 minutes
01:07:01 Charese Chambers: 60
01:07:03 Ca-Lishea Woods: 50 minute classes
01:07:04 Michele Elliott: 40 min
01:07:05 Michelle Gandy: 90 every other day
01:07:06 Angela London: 90
01:07:07 Susan Balcerski: 80-90 min
01:07:07 Kristy Woody: I save all my letters I get
01:07:08 Karen Reodica: Thank you for the feedback about number of minutes.
01:07:10 Sharla Prebble-Riddick: This type of learning will engage my students.
01:07:10 Claire Dent: 44?!
01:07:10 Elizabeth Hallahan: none of us disagree
01:07:11 Velma Guidry: 90
01:07:11 Ann Wycoff Bagshaw: 52 to 55 minute math block, 5 days a week, 7th grade regular and advance math 7th
01:07:11 Abiola Rotimi-Ogunsola: 90 minutes
01:07:11 Louise Phillips: 50
01:07:16 Kelli Epperson: 7&8 90 mins

01:07:17 Andrea Cadman: 51
01:07:18 Elizabeth Chapman: remote learning we are allotted 30 minutes a
day
01:07:21 Jolene Peterson: 42
01:07:22 Amber Scholl: 65 for seventh and sixth grade math
01:07:24 Sharon Black-MacKinnon: yes 44 minutes
01:07:27 Stephanie Matisiak: I had roughly 45 minutes, but it changed.
High school
01:07:27 Suzanne Smith: 6th grade 100 minutes /day
01:07:28 Joseph Kantrowitz: 50 minute classes and students travel in
packs
01:07:32 Abiola Rotimi-Ogunsola: 90 minutes
01:07:34 Claire Dent: wow sharon
01:07:35 Cindy Bryant: Love it!
01:07:40 Elizabeth Hallahan: we need help in how to fit this in.
01:07:42 Robin Schwartz: Math is a metaphor :)

01:07:48 Heidi Nunes: 8th grade, 45 minutes daily
01:08:10 Kelli Freiwald: 42 minutes for 7th and 8th, twice that for 6th
01:08:24 Sandra MacDonald: a tip sheet would be great
01:08:25 Elizabeth Hallahan: how long in a 40 min class can u spend on
not rushing
01:08:31 Claire Dent: yes! how
01:08:32 Elizabeth Hallahan: yeah. how.
01:08:32 Stephanie Matisiak: that's the tough part
01:08:41 Amber Scholl: Finally someone discusses how!
01:08:42 Robin Schwartz: Confidence in Math can help with other areas of life
too
01:08:56 Stephanie Izzard: My first district = 60 minutes per day
My current district = usually 100 minutes per day
I noticed a big difference!
01:08:59 Rehana Sultana: yes i agree
01:09:06 Jennifer Ciano: Yes
01:09:10 Karen Reodica: it's amazing how the number of minutes vary so much,
40-100 minutes. yikes! longer math blocks are necessary in my opinion for more
problem solving and discourse.
01:09:15 Elizabeth Hallahan: success in math is the single most market
for success in life.
01:09:19 Cindy Bryant: LF/HC rock!
01:09:20 Irene Ramos: give varied activities
01:09:21 Jennifer Ciano: Lots of entry points into the task
01:09:30 Michelle Gandy: Is there a repository somewhere of middle and high
school low floor high ceiling tasks?
01:09:35 Stephanie Matisiak: Some teachers use blackboard etc for
discussion. Not the same...but.
01:09:47 Jasmine King: Teaching this to my 8th graders now
01:09:54 Elizabeth Hallahan: no one at 13 knows supply and demand.
01:10:04 Elizabeth Hallahan: or linear regression.
01:10:09 SAPNA SHARMA: awesome
01:10:24 SAPNA SHARMA: awesome

01:10:34 Ann Wycoff Bagshaw: I like the low floor-high ceiling activity. It gives all students access but we also have to encourage engagement and cooperative learning where all students are demonstrating growth.

01:10:37 Stephanie Matisiak: I love Desmos

01:10:48 Angela Tseng: w00t, Desmos!

01:10:56 Nina Tandle: Desmos is amazing

01:10:58 Elizabeth Hallahan: all standards say real world.

01:10:59 Gloria Carrasco: Desmos is Amazing!

01:11:05 Marcella Curry: Desmos is currently my students favorite tool.

01:11:07 Amanda Aitken: Desmos is AH-MAZING!

01:11:07 Michelle Gandy: I wish there were more activities available in Desmos. I need to learn how to make them.

01:11:09 Joseph Kantrowitz: Desmos is awesome for my Algebra class, not so much for 7th grade

01:11:20 Cindy Bryant: LF/HC tasks <https://nrich.maths.org/>

01:11:26 Sandhya Raman: folks.. what other low floor high ceiling tasks do you use.. any recommendations?

01:11:26 Mark Phipps: Just did the largest desmos activity this afternoon. He had over 1000 participants in it!

01:11:28 Kristin Asa: Desmos is great for all courses....so much in there

01:11:38 Emily Volk: I do that all the time

01:11:45 Emily Volk: They like that!

01:11:50 Jennifer Ciano: lol

01:11:54 Jason Wright: 3square root of 2 square

01:12:00 Sandra MacDonald: kids do like to see their names in problems

01:12:22 Sharon Black-MacKinnon: Love it!!

01:12:34 Cindy Bryant: Personalizing problems gets their attention and hooks them.

01:12:34 Kyle Pearce: Definitely DON'T ditch the name play... still fun to do :)

01:12:40 Bina Kachwalla: As close we get to a square

01:12:44 Denesha Howell: Love it!

01:12:44 Jeanine Colwell: thank you ,for that resource Cindy

01:12:54 Elizabeth Hallahan: math. questions. who buys 32 🍷

01:12:54 Kelli Freiwald: If anyone uses quizizz I made the memes with the kids pictures and they went crazy with those...kind of the same idea

01:13:17 Sharla Prebble-Riddick: Great information.

01:13:33 Heidi Nunes: Never tried quizizz. Need to check it out.

01:13:34 Robin Schwartz: Withholding info is so important and the poker face :) to not give s's too much feedback too soon

01:13:43 Sharla Prebble-Riddick: Quizizz is something they love

01:13:43 Katie Gibson: love this!

01:13:51 Stephanie Matisiak: This is great
!

01:13:54 Andrew Tyler: Quizizz is good

01:14:00 Ashley Cusick: Reminds me of numberless word problems!

01:14:01 Abiola Rotimi-Ogunsola: This is so cool. What happens to the administrators looking for I do, We do, and You do protocol?

01:14:07 Elizabeth Hallahan: how long do u spend on this in a daily lesson.

01:14:10 Renee Catalano: Relates to science with hooking kids with phenomena and then getting them to look for sense making

01:14:15 Bonnie Lee: it's like dating lol

01:14:17 Robin Schwartz: how do we make things less Googleable?

01:14:24 Vesta Mizell: ,

01:14:27 Jolene Peterson: I think this IS your daily lesson.

01:14:37 Bina Kachwalla: thanks for the path

01:14:56 Bina Kachwalla: Love low floor high ceiling

01:14:59 Amber Scholl: Using nets to imagine 3d shapes

01:14:59 Alicia Madsen: Remove all the numbers

01:15:01 Vesta Mizell: use a simple answered problemk to do the process with less time

01:15:01 Katie Ingram: my mind is honestly blown right now. i have no idea

01:15:01 Stephanie Matisiak: Asking students to notice things already lowers the floor.

01:15:04 Stacy Miller: Pythagorean theory

01:15:08 Elizabeth Gentes: If you also check out the Problems to Ponder webinar from the other night, he gave some AWESOME problems to do this with

01:15:12 Ginette Peralta Suarez: I love to use numberless word problems to help the students think through the problem before they even think about what to do with them.

01:15:15 Kristin Asa: Take away the "needed information" to solve the problem.

01:15:16 Renee Catalano: By not starting them with given numbers students can approach at an non intimidating point to start with.

01:15:16 Adrienne Jones: Use a drawing with no numbers

01:15:16 Kristy Woody: Teaching Proofs

01:15:17 Elizabeth Hallahan: at some point we need to go with the info.

01:15:18 Sandra MacDonald: I like that it allows all students to participate at least at the beginning

01:15:18 Lynnette Flannery: pushing students to think for themselves

01:15:19 Leslie Krefta: formulas for volume..differences for cone to cylinder...

01:15:19 amanda Helgerson: patterns

01:15:19 Heidi Nunes: Pythagorean theorem is soon

01:15:19 Tracey Lamb: Using real world objects to introduce combine like terms

01:15:20 Sharla Prebble-Riddick: Show them a model and have them to estimate the volume

01:15:21 Karen Langford: take the numbers out

01:15:22 Cindy Bryant: Present what ifs?

01:15:22 Kelli Freiwald: I love to use open middle...many entry points.

01:15:22 Amy Tuckwell: Our next unit will be rates and I am thinking that Desmos racing cars might work perfectly for this!

01:15:24 Portia Felder: relate it to food somehow

01:15:24 Mary Anne Opila: leave out some data

01:15:25 Charlotte Auen: Share the graph without the labels yet

01:15:25 Antoinette McLain: probability with a deck of cards or dice

01:15:26 Karen Walker: To think out loud

01:15:26 Enkelejda Limani: Remove the question.

01:15:27 Christina Siow Young: Remove numbers and one important detail to solve

01:15:27 Lana Bunning: Remove the scenario, use images and/or videos

01:15:29 Mariana Soldini: use more videos

01:15:29 Shannon Wall: What do we need to cover this wall with...

01:15:29 Lynda Krivansky: Remove the question from any problem!

01:15:29 April Shelton: Provide a visual of the problem without giving numbers

01:15:30 Grace Vaught-Smith: What exactly would you withhold?

01:15:30 Abiola Rotimi-Ogunsola: Remove the diagram if any

01:15:31 Susan Troutman: use numberless problems

01:15:31 Jaime Pacilio: Integers-adding and subtracting

01:15:31 Beth Snoop: many times I just ask what is different? what looks scary or interesting or new?

01:15:31 Jennifer Smith: Numberless word problems

01:15:32 Kendra Edwards: Not showing the word problem right away, maybe just showing the visual to build anticipation.

01:15:32 Lisa Caudle: We will be gathering data. To withhold info I can not tell them why we're gathering and let them guess.

01:15:33 amanda Helgerson: what do you notice? what predict next?

01:15:33 Marissa Bay: Use a notice and wonder with a mobile to get students thinking about equations!

01:15:33 Louise Phillips: types of triangles or proofs

01:15:34 Maureen Harden: Remove all the numbers and black out what the data

01:15:34 Erin Meade: looking at a graph

01:15:35 Alicia Madsen: Numberless problems

01:15:35 Tiffany Gallagher: I use estimation clipboard activities for my 1st graders and by showing the picture, they immediately start chatting about what they notice and wonder...I never start the conversation - always let them guide the discussion

01:15:36 Angie Stika: leave out numbers. show a picture

01:15:36 Milagros Smith: Curiosity: place an item in an obvious spot.

01:15:36 Vesta Mizell: Kahoot is great for this

01:15:37 Sandhya Raman: notice/wonders.. great starting point for understanding where they are!

01:15:37 Amber Scholl: Creating nets with objects to discover 3D attributes

01:15:38 ALEX QUYENVO: i can use the activity about area, it's fun !

01:15:38 Jennifer Cronin: Let students generate examples and then ask them as a group to share what they notice and wonder about the collective group of examples

01:15:38 Kimberly Biniiecki: We are working on Pythagorean theorem...just how we can may be solve a problem before we know how to use they Pythagorean theorem.

01:15:38 Tess Wills: Inequalities, make each of them a number and use a human number line to illustrate inequalities.

01:15:38 Patty Blair: problems without numbers or numbers removed

01:15:38 Cindy Falla: Thinking about working with students on similarity... and liked the perimeter slides... Think of duplicating idea

01:15:38 Roberta Ludwigsen-Hill: Problems to ponder would be a great curiosity path

01:15:38 Tanja Solano: removing numbers

01:15:39 Elena Ouimette: Take them outside!

01:15:39 Latrina Bowen: composite figures from building one shape to many shapes

01:15:39 Michele Elliott: Adding and Subtracting Integers in 7th grade..

01:15:40 Jeanine Colwell: youcan do this with stats

01:15:40 Elizabeth Gentes: Nets, surface area, and volume

01:15:41 Karen Walker: work together

01:15:41 Sandra MacDonald: remotely is a challenge, for sure

01:15:42 Ca-Lishea Woods: bring a bunch of fruit to class and talk about how to determine how many of something as a way to talk about combining like terms and polynomials

01:15:42 Cindy Luper: Share the graph without labels

01:15:42 Renee Catalano: Then ask students who grasp it quickly to prove it using greater values or different context.

01:15:42 Alyssa Bauer: I think situations for inequalities would be great for this!

01:15:42 Stephanie Izzard: Show a picture of the scenario WITHOUT the numbers, students pick the numbers themselves that they can use, and focus on the operations, etc. (used for subtraction in grade 2)

01:15:43 Heather Ruiz: ratio of d to pi as a guessing 'magic' trick

01:15:43 Amy Kimball: Pictures of triangles without numbers to help with sparking curiosity with the Pythagorean Theorem

01:15:43 Rachel White: Looking at graphs and tables

01:15:43 Robin Harbour: GIVE a problem that doesn't have a question.

01:15:44 Darlene Bailey: Curiosity path for 6th graders division. We take pizza divided among the students. 5 pizza for 18 kids.

01:15:44 Jayshree Virk: No words

01:15:44 Pam Darden: circles- not sure as I have to ponder quite a bit before I can figure it out

01:15:44 dana dulzo: take out the numbers from a standard problem

01:15:44 Ann Wycoff Bagshaw: Transformations: Skate Board and a skate board park. Kids can do slides (translations), rotations, and reflections.

01:15:44 Andrea Cadman: picture of my 750 piece puzzle in pieces then show the finished version and how long it took me to put it together. can also use scale with the completed picture shown

01:15:45 MEGAN SPEARS: use images and videos. can use estimations

01:15:45 Jolene Peterson: Make is headless. Ask the question without giving information like numbers or units.

01:15:45 Jennifer Heldenbrand: Provide visual first, then add pieces as comments are given

01:15:45 Mary Walker: histograms or a review of ratios and unit rates

01:15:46 Maureen Harden: Find their interest and tap into that

01:15:46 Lynnette Flannery: What do you think might be more of a statement I will be using in the future

01:15:46 MELVIN BURNETT: show a visual of exponents without using numbers

01:15:46 Shauna Brown: Pose guiding questions

01:15:47 Jacy Niemeyer: take away the needed information, like part of the problem

01:15:47 Adrienne Jones: extend by adding number or change the shape/object used

01:15:47 Karen Walker: packaging

01:15:47 Marcella Curry: Remove all of the letters and numbers from a rational expression

01:15:47 Ann Asaro: Equal Share problems before introducing algorithms

01:15:47 Rebecca Upchurch: remove the numbers

01:15:47 Milagros Carbonera: Think out loud

01:15:48 Rachel Freid: Properties...rather than just teach the rules-given them an order of ops problem $3(2 \times 4)$ and ask then to figure out how else you can get the same result

01:15:48 Joseph Kantrowitz: Open Middle is awesome for numberless problems. creates the math discourse we all want

01:15:49 Monica Roland: I would prepare questions to ask specific students to extend and gauge student thinking.

01:15:49 Christina Hall: Letting student brainstorm and then discuss with groups what their thinking was.

01:15:49 Michael Perkins: make it look like something they are already familiar with, make it visual before you make it abstract

01:15:49 Emily Lewis: Using dice/spinner websites for probability

01:15:50 Warren Ledbetter: How many different shapes can they come up with the 18 lengths.

01:15:50 Elizabeth Birie: Kindergarten - give a pile to count - is your pile more or less than his pile? How do you know? How can you prove it?

01:15:51 Amanda Aitken: Present them with a problem and see if anyone has any ideas on how to find an answer (Pythagorean theorem)

01:15:52 Priscilla Galliano: I would take the concept being taught and change it up to make it interesting. Make it where students couldn

01:15:52 Tom Arnold: Get kids up - gallery walk with different points that relate to real world scenarios in my area - write notice on board and move to next.

01:15:53 Irene Ramos: create a problem according to their interest...

01:15:53 Ann Marie Nee: Multiple points of entry to a problem

01:15:53 Emily Volk: permutations and combinations

01:15:54 Shelby Lynn Dye: Remove guides that close to examples and leave open ended for thinking room.

01:15:54 Javier Carbajal: Start the lesson with a situation real world or pictorial vs a numerical problem.

01:15:54 Allison Daniel: equations with answers

01:15:54 Polly Kimminau: pythagorean theorem lesson beginning with a 3 act task that is missing important information.

01:15:54 amanda Helgerson: tiling pools problem

01:15:55 Virginia Driscoll: Is it possible for you to go back to the path slide? I can't remember it because my ADHD brain is getting slammed with information and I can't take notes fast enough to keep up.

01:15:55 Wendy Hoffhines: Estimation, Take out measurements or numbers, discuss

01:15:55 Daniel Seif: continue to make the problem real life ... as my kids understand it letting them do more of the work before the algorithm

01:15:55 Archita Vaghasiya: asking lots of problem related questions to

increase curiosity

01:15:55 Laura Cranmer: Creating a carnival game with variable requirements and practice it on their family (probability)

01:15:56 Karen Walker: volume

01:15:56 Deanna Richardson: Leave out numbers

01:15:56 Ashlyn Flock: Formative assessment and grouping of students to have them share out ideas

01:15:56 David Drembus: give them the problem AND the answer and ask them how to get from one to the other.

01:15:56 Claire Dent: You could remove all or some of the numbers... create some creative graphics

01:15:56 Emily Work: present images related to the problem context and have student notice and wonder before giving them any written information

01:15:57 Cecilia Lopez: WODB

01:15:57 Stacy Miller: can you have them measure the triangle themselves and ask what they notice

01:15:57 Elizabeth Hallahan: the kids have been more creative in distance learning.

01:15:57 Nora Chase: At this point use items available at home toilet paper use.

01:15:57 Emily Kavanagh: Definitely visuals

01:15:57 Jessica Lysholm: Probability: pull random things out of a box, then ask them to predict the contents of the box

01:15:57 Amber Scholl: Using nets to find area, perimeter, surface area, visualization

01:15:58 Linda Thommen: start with an application

01:15:58 Johannah Wirzba: To lower the floor we've got to talk about vocabulary. Make sure the vocab we're using is familiar. Visuals also help tremendously! To raise the ceiling, it's awesome to add more constraints to the question

01:15:58 Danielle Barberi: This is great for building math discourse.

01:15:58 Melanie Davis: Model, read aloud, have in print, justify

01:15:58 Brandi Fleckenstein: Use a smaller case. Provide manipulatives.

01:15:58 Sharon Black-MacKinnon: what do you wonder what do you notice for exploring probability

01:15:58 Jennifer Tyche: Is this specifically for problem solving or all standards?

01:15:58 Meghan Bliss: Asking what you notice and wonder is a great way, along with providing images and visual models for students.

01:15:59 Jenny Segrillo: remove some of the details

01:15:59 Charlotte Auen: Extend: what is the meaning if we transform the pattern on the graph?

01:15:59 Konnie Guthrie: I think I would start with a problem that would drive the need for more information. Then, as they explore they are primed to want to know more.

01:15:59 Karen Walker: packaging

01:15:59 John Simons: Just show a plain parabola not on a plane and have them try to describe it to another person so they can draw it.

01:15:59 Stacy Bahns: Just show a photo that represents some connection to the target for the lesson.

01:15:59 Janice Magauay: Teaching solving systems of equations by using kids meals or actual food items to make it relatable, then increase the rigor as we go on

01:16:00 Amy Tuckwell: I would have to, for those without internet, maybe send them parts day by day with email, to keep some information out.

01:16:00 Denise Cruz: pythagorean theorem used to find distance. Give two points. How do we connect these in order to create a right triangle.

01:16:00 Priscilla Galliano: couldn't resist

01:16:00 Elizabeth Chapman: this could be done with ratios, volume, oh so much of the 7th grade math could do this!!! integers would be so easy to do this

01:16:00 Bryan Buckingham: Participation from their own thoughts and struggles; let students do the work.

01:16:01 Kenneth Reigle: give them manipulatives and a task with no context

01:16:01 Ann Marie Nee: area of a circle in 7th grade, I generally show them how they can get the area formula but instead have them draw a circle and come up with some ideas to figure out area

01:16:01 Darlene Bailey: Hoagies for 20 kids.

01:16:01 Debra Loyd: Area

01:16:02 Rebecca Dominguez: Start with the answer and have the students create a question to go with

01:16:02 Linda Huedepohl: This is the materials, what can we build. Restrict resources

01:16:02 Kerrie Becker: GCF - lower the floor - any common factors; raise the ceiling - use variables

01:16:02 Joy Kogut: Students are able to notice and wonder about the problem without lots of pressure. Take away numbers or all of the information so students can look at the situation!

01:16:02 Rachel Wingo: Use the Curiosity Path by sparking curiosity by removing information like numbers

01:16:02 Marya Hughes: Open Middle tasks

!

01:16:02 Rehana Sultana: Geometry

01:16:02 Galit Sandaev: Showing a picture, and ask them to observe and reflect on what they see.

01:16:02 Melynee Naegele: I love Notice and Wonder, Stop and Jot, Group Stand and Defend! In all topics

01:16:03 Christina Tully: "Would you rather?" Games - then discuss "right" answers after discussing reasons why students chose answers

01:16:03 Sandhya Raman: probability

01:16:03 Jennifer Smith: Visualizing topics

01:16:03 Shauna Brown: Sine and cosine curve

01:16:03 Kimberlee Margosian: My students right now move through a standard a week and there is no room for helping those who are left behind or need more time. I want to give my students Problem based learning to allow access at previous understandings and bring them up as far as possible. Pythagorean theorem

01:16:03 Tammy Eplion: only use manipulatives

01:16:03 Kristine Barrett: give little information and give gradually. Ask students to notice what they are familiar with and how can we solve

01:16:03 Maria Valencia Pena: Removing the numbers and give manipulative for students to generate a solution for their model

01:16:03 Karen Walker: packagin
01:16:03 Daniel Irving: Provide an image/diagram without the context, and have students construct problems.
01:16:03 amanda Helgerson: walking race- for intersections
01:16:04 Jennie Brown: Pythagorean theorem
01:16:04 Molly Moore: give them equations that are cut up on paper and have them put it in order
01:16:04 Melissa Abdoo: complete sqaure
01:16:04 Dawn Schulte: Take out the numbers and leave off the question
01:16:04 Gunnar Guttormsen: So many resources helping us to do this
YouCubed
01:16:04 Kristin Asa: Reframing problems to build the anticipation by not giving students the entire set of information needed. Asking students what do they think is missing and/or what information do they want or need in order to solve.
01:16:05 Debra Carter: Open Ended Questions
01:16:05 Vanessa Dakin Marin: What are exponents?
01:16:05 Katie Ingram: I need to think much harder about this
01:16:06 Rachel Freid: challenge this with distributive properites
01:16:06 Tricia: Using real life stairs in the school to engage kids on trig/Pythagorean theorem
01:16:06 Connie Hostak: I haven't taught math for 13 years and I will be returning next fall. I am so excited to try this out!
01:16:06 Tedra Heron: If some students seem to get where it's going right away there can be a second tear
01:16:06 Cindy Luper: Estimate a total from a small sample
01:16:06 Jordan Reed: For area, I would omit parts of the problem. I may start with "Maya has a garden with 3 planters." Teacher: what do you think would be then next sentence? What would that look like. Then go on from there
01:16:07 Monica Roland: Modeling relationships
01:16:07 Jill Perry: Algebra magic trick
01:16:07 Robin Schwartz: @Abiola perhaps I Do We Do you can give 'instruction' on how you do strategies for problem solving might that be another take on this? Like how you figure out how to problem solve? what grade level?
01:16:08 Gloria Flores: Give a visual to modify
01:16:08 Ashley Cusick: For measures of center lesson: use visual models such as mean as a balance point using counters on a number line. Just asking them what they notice about the data before using any calculations
01:16:08 Jean Nussle: As a new math teacher with a degree in English. I am so excited about notice and wonder. I love systems of linear equations. An I would use that.
01:16:08 Karen Walker: packaging
01:16:09 Teresa Sutton: I would use the curiosity path to have kids come up with an answer alone first, then share with a partner, then share with the class. I am thinking of using mobiles for balancing equations.
01:16:09 judy rigney: give an answer and have the students come up with questions
01:16:09 Ernie Toth: I can see where some of my quiet students could obsess (in a good way) through this approach.
01:16:09 Tami Kreft: have students design a real world problem based on a set of data you provide

01:16:10 Clara Fuller: ratio porportion

01:16:11 Ali Semanision: Continue working with number talks, but more open than just computation.

01:16:11 ALEX QUYENVO: I'll use a box to do that activity

01:16:11 Denesha Howell: geometric transitions

01:16:11 Sandhya Raman: unit rate

01:16:11 dana dulzo: kind of like numberless word problems

01:16:11 Stephanie Matisiak: Any problem I choose as an example- instead of showing them. put it up in a picture form and asking them what they think about it and what they already know. and what they can DO with the information they have.

01:16:12 Karen Wiggins: We are working on Integers and teaching remotely makes getting students to buy in more challenging. I think low floor high ceiling means we could perhaps not put on the positive or negative signs

01:16:12 Christina Tully: Works well with probability!!

01:16:12 Donna McClue: Ratios and Proportions

01:16:12 Antoinette McLain: cool

01:16:13 Sherry *Bovey: Measures of central tendencies

01:16:14 Steven Cox: percent

01:16:14 Cecilia Lopez: WODB

01:16:14 Amber Scholl: Visualizations of 3d shapes

01:16:14 Kimberly Biniecki: IS there a need for the Pythagorean theorem. I wish I had some way to find the length of this side

01:16:14 Elizabeth Hallahan: ahh. nice.

01:16:14 Kathryn Prater: Give an actual problem, such as building a dog house for a community member. This could be used to teach Pythagorean.

01:16:14 Ashley Roberts: numberless word problems

01:16:15 Kristen Hooker: Changing Attributes

01:16:15 Michele Elliott: How many ways using 2 numbers can you make -9?

01:16:15 Tanja Solano: use visuals & no words

01:16:15 Sandra MacDonald: I can see showing pictures and getting students to relate what they notice and wonder

01:16:15 Karen Walker: packaging

01:16:15 Jaleesa Sampson: systems: have my 4 and 2 year old run a race. Give the 2 year old a big head start and cut the video before the 4 year old catches up

01:16:16 Robbie Dillard: -I think I will start by presenting the visual and allow students to create the problem.

01:16:17 Bina Kachwala: use 5 practices to solve any problem

01:16:17 Shauna Brown: Sequences

01:16:17 Elena Ouimette: Transformations

01:16:18 Andrew Tyler: Teaching ratios if I have 2 phones and 4 calculators, what if I have 4 phones

01:16:18 Karen Walker: packaging

01:16:18 Tiffany Gallagher: Many students actually come up with their own estimation clipboard activities at home

01:16:19 Cecilia Lopez: WODB

01:16:20 Jennifer Suh: have students bring in a related problem from their everyday life

01:16:20 Suzanne Smith: Rather than giving formulas for area, volume, and

surface area, allow them to explore and develop their own way to solve and create a formula

01:16:21 Lynda Krivansky: To extend, ask students to represent their thinking another way

01:16:21 Judith Florczak: start decomposing figures with manipulative to into volume of composite figures

01:16:21 Dana Nelson: look at a stadium and notice the size and wonder how much drink it would take to provide everyone a beverage

01:16:22 Rehana Sultana: Pythagorean theorem

01:16:22 Kristen Hooker: Box and Whisker Plots

01:16:22 Rachel Freid: use this to discover FOIL

01:16:22 Robin Schwartz: Extra work for fast finishers

01:16:23 Jasmine King: Give a combination of numbers without operations

01:16:23 Emily Kavanagh: Modeling

01:16:23 Chelsea McIntyre: show photos from real-world situations without a specific plan in mind. the questions they generate will lead us even further than we have expected!!

01:16:23 Katie Gibson: I love the perimeter problem you just showed. i'm just starting perimeter and area with my low 3rd graders. I want to send home little strips and have them rearrange them to find perimeter arrangements

01:16:23 Lynnette Flannery: Pythagorean theorem

01:16:24 Amy Greger: Manipulatives

01:16:24 Michelle Gandy: geometric probability - start with square dart board and keep adding shapes for different backing on the dart board.

01:16:24 Karen Walker: packaging

01:16:24 Kim Arthur: the visibility of the concepts will be very amazing for students -

01:16:24 Ashley Roberts: asking what do you notice what do you wonder first

01:16:25 Cecilia Lopez: WODB

01:16:25 Randy Ross: volume where you have to find how many Girl Scout Cookie Boxes fit into the back of the car?

01:16:26 Sondra Skaggs: I AM actually an elementary teacher - so many topics, fractions, money, time

01:16:26 Bonnie Lee: family story about adjacent angles and adjacent hotel rooms

01:16:26 Darius Hatcher: Students predict next move or step such as percent of a number

01:16:26 Gloria Flores: Give a graphic organizer to modify

01:16:26 Karen Walker: create

01:16:26 Judith Griscom: linear regression!

01:16:26 Andrea Cadman: painting a wall

01:16:27 Shauna Ianson: fraction sharing/ equal sharing

01:16:27 Cindy Luper: Collect data from students in class

01:16:27 Mark Phipps: One friend stops to get Takis for the group. How do they get shared?

01:16:28 Portia Felder: volume of composite shape with a pound cake missing the center

01:16:28 Aya Zvaigzne: Unit Circle - how to find where Helen is on the circle, so we can send a drone to her location.

01:16:28 Karen Reodica: Provide the situation without the question. Allow students to figure out the possible questions and responses.

01:16:28 Katie Ingram: I'm taking notes and can think harder once the babies are asleep

01:16:28 Gabrielle Gentile: For volume I can have the students stack items to get them to find the $V = Bh$ idea

01:16:29 rachel wingo: I love the which one doesn't belong

01:16:29 Cecilia Lopez: WODB

01:16:29 Polly Kimminau: real life problems

01:16:29 Amber Scholl: I can definitely use it with nets

01:16:30 Karen Walker: create

01:16:30 Mary Anne Opila: basic trig relationships

01:16:31 Denesha Howell: transformations

01:16:31 Veronica Kwok: Given them a diagram and have them come up with the problem.

01:16:31 Emily Work: Surface area and volume for 3D solids

01:16:31 Heidi Ross: We will be moving into Volume...I want my students to build a box out of paper and then to see how many pennys will fit in the box to see and estimate the volume of the box

01:16:32 Kathleen Cullen: integers

01:16:32 Brynna Fisher: different sizes of rectangles- notice and wonder about perimeter and area, compare sizes

01:16:32 Marissa Bay: Notice and Wonder with mobiles for introducing students to equations properties!

01:16:32 Karen Walker: create

01:16:32 Jodi Mandell: notice and wonder with thermometers to introduce negative numbers

01:16:32 Elena Ouimette: Cost of wrapping paper

01:16:32 Ericka Smith: taking student sizes in data to understand how we can plot the info

01:16:33 Cecilia Lopez: WODB

01:16:33 Rachel Freid: use this with discovering direct variation

01:16:33 Kate Luker: By withholding info, students are challenged to ask questions. Creates an opportunity for students to all come at the same place

01:16:33 Grace Vaught-Smith: Definitely manipulatives

01:16:33 roya basu: Take th numbers away

01:16:33 Denika Gum: I'd make it start as a fun problem to get them excited. Then I'd make sure all students understand what the question is saying so that everyone is in agreement and go from there.

01:16:33 Lara Sawamukai: Exponent laws!

01:16:34 Kristine Barrett: Students come up with their own reasons

01:16:34 Ramona Quintero Caldera: Give visual for students to notice and wonder

01:16:34 Robin Schwartz: Group work using posters on the wall

01:16:34 Karen Walker: create

01:16:34 Sahar Alkhatib: Equivalent fractions - having students create pizzas of different fraction sizes

01:16:34 Nina Tandle: For teaching extraneous solutions, I can have students make connections between the algebra and the graph by showing graphs and equations to match up

01:16:34 Heidi Nunes: Parallel lines and transversals
01:16:35 J Urbanek: Candy gram math
01:16:35 Elizabeth Hallahan: talk about info overload in the chat.
01:16:35 Ximena Sloane: Start a short video... show conclusion at end of lesson
01:16:35 Leslie Sorace: I want
01:16:36 Cecilia Lopez: WODB
01:16:36 Lynn Lafferty: visuals and reflectionstions
01:16:36 Karen Walker: create
01:16:36 Debra Loyd: Anything you can generate curiosity
01:16:36 Stephanie Schultz: My initial thought was I need to make problems more relevant to students...connect to our school or community to increase their wonder or curiosity.
01:16:36 Molly Moore: cut up equations to have students order them
01:16:37 Lauren Aragon: Comparing discounts of percents and dollars
01:16:37 Lori Linsmeyer: I don't have a classroom but I am eager to share what i have learned with my colleagues
01:16:37 Myeesha Jones: 3 act tasks are perfect! they provide a visual and removes the numbers ...most problems start with estimation.
01:16:37 Karen Walker: create
01:16:37 Antoinette McLain: so cool
01:16:37 Josephine Snyder: Mystery Graphs
01:16:38 Teresa Sutton: Notice and Wonder helps my kids who have anxiety
01:16:38 Katie Martin: As a high school teacher, I think this is sometimes forgotten.. I think this is a great thing in my geometry class. I can start allowing students to figure things out with hands on and other things
01:16:38 Josie: my coteacher and I have done a discovery channel with gannet video when we begin to talk about quadratics. Specifically what the zeros mean.
01:16:39 Cecilia Lopez: WODB
01:16:39 Karen Walker: create
01:16:39 Charlotte Auen: Scaffold: What could this highest point mean?
01:16:39 Kelly Sanchez: great
01:16:39 Vickie Dannhaus: ME
01:16:39 Heidi Nunes: angles
01:16:39 peter zirnis: schafold only when necessary
01:16:40 Molly Moore: cut up equations to have students order them
01:16:40 Rosemary Sbrocca Auger: Groups work on solving a problem without using the `math` terms.
01:16:40 MONICA TIENDA: Make math visual and interesting
01:16:40 Archita Vaghasiya: fractions
01:16:40 Kelli Epperson: In my lesson, I think I will be most effective using the Path and not use numbers make them think
01:16:40 Jasmine King: escape rooms
01:16:40 Linda Criniti: system of equations
01:16:40 Allison Daniel: Students look at equations and answers only
01:16:40 Nannette Baker: EX: no bake recipe and ask students how big of a piece can each student have if we split the dessert up equally?
01:16:41 Karen Walker: create
01:16:41 Milagros Carbonera: remove the numbers and think out loud
01:16:41 Lynnette Flannery: Translations

01:16:41 Stephanie Waterman: Taking the area idea, I love having the students take a unit of measurement, any that they choose. They use this unit and use it to measure

01:16:41 Kristin Thomas: numberless word prob

01:16:41 Judith Griscom: give them the figure and have them generate the problem!

01:16:42 Judith Florczak: raise the ciling by

01:16:42 Meghan Bliss: The 3-act tasks are great, too. Notice, Wonder, etc. with images and mathematics.

01:16:42 Shauna Brown: System of equations

01:16:42 Cecilia Lopez: WODB

01:16:43 Emma Farrow: Transformations

01:16:43 Karen Walker: creat

01:16:43 Alyssa Marucci: Angle Relationships

01:16:43 Steven Cox: percet

01:16:43 Brandi Fleckenstein: Use a smaller case

01:16:43 Kristen Hooker: Variation

01:16:43 Rachel White: Volume of ones and cylinders

01:16:43 Elizabeth Hallahan: scroll away

01:16:43 Melissa Miller: Thinking about how to use this with Pythagorean Theorem

01:16:43 Cherri Wilson: multiplying integers

01:16:44 Litha Sonner: Love it

01:16:44 Shelby Lynn Dye: Provide modeling

01:16:44 judy rigney: derive the quadratic formula by solving for x

01:16:44 Ange Kendall: Take the question or task request out. Use the thoughts of the ponder the question to allow all to access, take out the story problem and ask them what they notice with the action/image on the screen.

01:16:44 Gladys Montoya: Expressions

01:16:44 Leslie Sorace: omg that is awesome!

01:16:45 Nora Chase: Volume using canned food for volume

01:16:45 Melanie Pesola: can they design a social distant classroom

01:16:45 Sharlena Cooks-Fahngon: differentiation must be implement to teah

01:16:45 Shari Kaku: Lets students know that they can be still be curious and. Be inventive

01:16:45 Antoinette McLain: me

01:16:45 Javier Carbajal: PIck mine!

01:16:45 Ramona Hall: leave out a piece of needed info

01:16:45 Rowena West: I would give popsicle sticks and tell them to create an object that has the largest inside.

01:16:45 J Urbanek: Candy gram math

01:16:45 Paul Lavery: Having problems that are open ended. Marian Small/Robert Kaplinsky... Example The answer is 28 square units - what could the problem be

01:16:46 Necole Atkins-Dowd: Scatterplots and let them find the slope

01:16:46 Karen Walker: create

01:16:46 Ashleigh Walton: make it relevant

01:16:46 BMcNeese: brenda

01:16:47 Ginette Peralta Suarez: With the numberless word problems there is a lot of notice and wonder that can get them going

01:16:48 Sharla Prebble-Riddick: Students love to work on the paths
01:16:48 Stephanie Burton: I am doing percent problems and we are doing
a restaurant. WE could show a pile of spaghetti disappearing
01:16:49 Amber Scholl: That would be great with nets
01:16:50 Cathy Grant: usiing dice
01:16:51 Javier Carbajal: no wrong name!
01:16:51 Sandra MacDonald: wow! I'm noticing and wondering who will be
chosen!
01:16:53 Cruz Flores Vazquez: Give an equation ; give an inequality, and
have students ask difference and similaritie
01:16:55 Candida Arthur: pythagoream theroem
01:16:56 Hsiao-Ting Chiou: have the students trying to solve in their
own strategy in different levels and then discuss about few interesting ones to
raise the ceiling
01:16:57 Jaime Pacilio: Yeah Michelle!
01:17:05 Kristin Asa: Congrats!
01:17:05 Jacqueline SladerRCT6K03W13: create
01:17:07 Faith Peddie: Congrats Michelle!!!!!!
01:17:07 Jasmine King: Congrats Michelle!
01:17:08 Stephanie Matisiak: WOOO!!! yay Michelle!
01:17:08 Jolene Peterson: Woohoo Michelle!
01:17:09 Judith Florczak: by using more challanging 3D figures
01:17:09 Elizabeth Hallahan: congrats
01:17:10 Ebony Baker: Introducing negative numbers using a pretend bank
account
01:17:10 Debra Carter: open ended question
01:17:10 Beverly Krumpe: Still trying to grasp what LF/HC is
01:17:11 Molly Moore: woohoo!
01:17:12 Bina Kachwalla: Yay michelle
01:17:12 Erin Meade: good idea!
01:17:13 Jennifer Suh: NICE!!!
01:17:14 Lisa Caudle: Congratulations, Michelle!
01:17:14 Amy Greger: congrats
01:17:15 Shauna Brown: Congrats michele
01:17:15 Judith Griscom: ooh tree diagrams - great idea!
01:17:15 Kelly Sanchez: congrats
01:17:15 Kristen MacDougall: Nice, Michelle!
01:17:17 Emily Volk: I have done that
01:17:17 Cindy Bryant: Congrats Michelle!
01:17:18 Portia Felder: Congrats Michelle
01:17:18 Nina Tandle: Great idea, Michelle!!
01:17:21 Emily Volk: great idea
01:17:21 Ange Kendall: Way to go Michelle!
01:17:21 Elena Ouimette: congrats!
01:17:21 Heidi Nunes: Congrats
01:17:22 MEGAN SPEARS: way to go Michelle
01:17:23 Robin Schwartz: Congrats Michelle
01:17:23 Sharon Black-MacKinnon: congrats Michelle!
01:17:23 Rachel White: Congrats Michelle
01:17:24 Tanja Solano: congrats michelle!!

01:17:25 Michelle Gandy: I got excited for a second, lol.
01:17:25 Ginette Peralta Suarez: Woohoo Michelle!
01:17:27 Daniel Irving: Congratulations!
01:17:27 Leslie Krefta: congrats michelle
01:17:29 Latrina Bowen: nice job Micelle
01:17:29 Cathy Grant: Yay Michelle
01:17:30 Marla Aehlert: Congrats Michelle!
01:17:30 Christina Hall: Congrats Michelle and great idea!
01:17:31 Amy Tuckwell: Congratulations Michelle!
01:17:31 Milagros Carbonera: Let s tudents collaborate o how to solve the
given problems
01:17:31 Sandra MacDonald: I can show a pic of an array and get them to
figure out how many
01:17:32 Melanie Davis: Yeah for Michelle!!
01:17:34 Claudia Goodwin: Send home real world problems
01:17:35 Renee Catalano: I really see the connections with the 3D Science
standards and way of teaching
01:17:45 Sharlena Cooks-Fahngon: create a maze for students to find their way
out of the math jungle
01:17:53 MONICA TIENDA: LOVE PRINCE!!
01:18:05 Stephanie Matisiak: you're up :)
01:18:12 Darlene Purcell: I give them puzzles to form without the
picture
01:18:13 Andrea Cadman: no!!!
01:18:13 Sandra MacDonald: no thanks
01:18:16 Emily Kavanagh: Or the musician
01:18:18 MONICA TIENDA: YASSSS
01:18:18 Amber Scholl: singer
01:18:19 Diane Anderson: no
01:18:20 Andrea Cadman: yes!!!
01:18:22 Nina Tandle: Haha yessssss
01:18:23 Jasmine King: PURPLE RAIN!!!
01:18:23 Rachel Freid: purple rain!!!!
01:18:23 rachel wingo: awesome
01:18:25 Bridget Donegan: Better Prince
01:18:25 Ali Semanision: formerly known as...
01:18:25 Melanie Pesola: The real Prince!!!!
01:18:26 Allison Daniel: of course!
01:18:26 Louise Phillips: Love it!
01:18:26 Rachel White: Yes
01:18:26 Kendra Edwards: Yes!!!!!!
01:18:26 Megan Day: that's what I thought
01:18:27 Amy Tuckwell: YES!!!!
01:18:27 Joseph Kantrowitz: He can do anything musically
01:18:27 Tanja Solano: YAAAASSSSSS!!!!!!
01:18:28 Heidi Ross: YES!!! I love Prince
01:18:29 Amber Scholl: Baby I'm a star!!!
01:18:29 India Puch: haha
01:18:30 Teresa Sutton: Heck yeah
01:18:30 rachel wingo: Heck yeah

01:18:30 Vanessa Hale: HECK yeah
01:18:31 Jasmine King: HECK YEAH
01:18:31 Kim Arthur: purple rain
01:18:31 Judith Griscom: heck yeah!
01:18:31 Kimberlee Margosian: yaaaas
01:18:31 Tracey Lamb: Heck ya!
01:18:31 Joseph Kantrowitz: Heck yeah
01:18:32 Kelli Epperson: Heck yea
01:18:32 Maureen Harden: I walked into the out door
01:18:32 Elizabeth Birie: HECK YEAH
01:18:32 Kelly Sanchez: heck yea
01:18:32 Johannah Wirzba: heck yeah!
01:18:32 Darius Hatcher: heck yes
01:18:32 Brandi Fleckenstein: Heck yeah!
01:18:32 Nannette Baker: heck yeah!
01:18:32 Andrea Cadman: heck yeah!
01:18:32 Tiffany Gallagher: Heck yea
01:18:33 Gloria Flores: Heck Yeah
01:18:33 Clara Fuller: ok
01:18:33 Danielle Bentley: Hecks yeah!
01:18:33 Kristen MacDougall: HA - yes!
01:18:34 Dana Nelson: YEESSSSSS
01:18:34 Amanda Aitken: Heck yeah!
01:18:34 Kathryn Prater: yes!
01:18:34 Katie Gibson: awesome!
01:18:34 Sondra Skaggs: Heck ya
01:18:34 Latrina Bowen: Heck ya!
01:18:34 Jasmine King: L0000VVVEEEEEEE
01:18:35 Audrey Campbell: yess
01:18:35 John Sasko: Prince Rules
01:18:35 Jennifer Suh: You two are so much fun!!!
01:18:35 Lawanda Longstreet: Heck yeah!
01:18:35 Stephanie Schultz: Legend
01:18:35 Emily Kavanagh: Love, love, love Prince
01:18:35 Amy Tuckwell: Heck yeah!
01:18:36 Pamela Gavina: heck ya
01:18:36 Christina Hall: Heck Yeah!
01:18:36 Greer Curry: HECK YEAH!
01:18:36 Clara Fuller: ok
01:18:37 John Simons: Mmmm hmmm
01:18:37 Joseph Kantrowitz: Saw him back in 84
01:18:38 Stacy Bahns: Purple Rain!
01:18:38 Denise Leal: yes
01:18:38 Portia Felder: I love Prince
01:18:38 Stephanie Matisiak: HECK YEAH
01:18:38 CHERRITA ALLEN: Heck yea!!
01:18:38 Jennie Brown: Heck yeah
01:18:38 Ann Asaro: Heck yeah
01:18:38 Amber Scholl: Let's go crazy!!!
01:18:38 Chris Anderson: Heck Yeah

01:18:39 Elizabeth Hallahan: purple rain
01:18:39 Carmela Minckler: HECK Yeah!!
01:18:39 Debra Carter: Yeah!
01:18:39 Necole Atkins-Dowd: Love Prince
01:18:39 Michelle Silvia: heck yea
01:18:39 Angela Young: Heck yea!
01:18:40 Alicia Madsen: The artist formerly known as prince
01:18:40 Judith Florczak: so underrated
01:18:40 Melanie Davis: Lovin' Prince
01:18:40 Alicia Kaplan: Heck Yeah
01:18:40 Allisa Davis: oh yeah
01:18:40 Sharon Black-MacKinnon: heck yeah
01:18:40 Sandra MacDonald: um = a musician, right?
01:18:41 Maria Valencia Pena: hech yea
01:18:41 Pamela Goodwin: heck yeah!
01:18:42 Jeanetta Glass: heck yeah
01:18:42 Renee Catalano: tell me why? drama?
01:18:42 Antoinette McLain: of course. who doesn't like Prince
01:18:42 Kate Reardon: heck yeah!
01:18:43 Tammy Gelenaw: this is what it sounds like when doves cry
01:18:44 MONICA TIENDA: BEST SUPERBOWL EVER
01:18:45 Milagros Smith: Yes, very unique!
01:18:45 David Drembus: heck yeah
01:18:46 Emily Kavanagh: Heck yeah
01:18:46 Elizabeth Hallahan: little red corvette.
01:18:46 Courtney Otubuah: yess
01:18:47 Lori Krebs: Heck yah!!!!
01:18:48 Sharlena Cooks-Fahngon: YES let it RAIN
01:18:49 Sharla Prebble-Riddick: all in there
01:18:50 Ange Kendall: Loved seeing his guitar in the Smithsonian!
01:18:51 Kelli Epperson: the original and best Baby Im a STAR!!!
01:18:51 Mark Phipps: LOVE LOVE LOVE this guy and his music
01:18:52 Melanie Pesola: Prince is a great way to engage students!
01:18:52 Rowena West: Heck yeah! 1999
01:18:54 Abiola Rotimi-Ogunsola: Purple Rain!!!
01:18:54 Joseph Kantrowitz: gonna party like it's 1999
01:19:01 Mary Walker: purple rain
01:19:05 Emily Kavanagh: Raspberry Beret
01:19:06 Mark Phipps: Been to three of his concerts!
01:19:13 Ashleigh Walton: @Jaime Pacillio in NC?
01:19:14 Vesta Mizell: shhhhhhhh! im trying to listen LOL
01:19:18 Mary Carver: YES!!!The Prince that matters!
01:19:28 Courtney Otubuah: one of the greatest to ever to do it!
01:19:30 Brion Peterson: The artist formally known as
01:19:31 Sandra MacDonald: hard to adjust when teaching is online
01:19:32 Ann Wycoff Bagshaw: Modeling - Math Practices.
01:19:35 Claire Dent: the visual is so important
01:19:38 Portia Felder: @Vesta LOL
01:19:40 Bina Kachwala: love listening to justification
01:19:51 MONICA TIENDA: The Artist Forever Known as...

01:19:53 Joseph Wood: Love Cathy Fosnot!!!
 01:19:55 Louise Phillips: Naw, Purple Rain
 01:20:02 Kristy Woody: I want to know how to get students to buy into this
 idea
 01:20:13 Amber Scholl: My diet is over!
 01:20:14 Michelle Webb: A lot
 01:20:14 Veronica Kwok: HOW MANY???
 01:20:16 Heather Ruiz: 200
 01:20:17 Rebecca Dominguez: 150
 01:20:17 Elena Ouimette: 1000
 01:20:17 Michelle Bourgeois: is that the new fruit donuts?
 01:20:18 Erin Meade: 120
 01:20:18 Faith Valentine: 144
 01:20:18 Nadia Messadi: 1000
 01:20:18 Veronica Kwok: YUMMY
 01:20:19 Rebecca Dominguez: 150
 01:20:19 Shauna Brown: 2000
 01:20:19 Lana Bunning: 200
 01:20:19 Candida Arthur: 150
 01:20:20 Galit Sandaev: 250
 01:20:20 Angie Stika: 200
 01:20:20 Gloria Flores: DONUTS YUM
 01:20:20 Jennifer Cronin: 345
 01:20:20 Kelly Sanchez: 2500
 01:20:20 Jaime Pacilio: 525
 01:20:20 Adrienne Jones: 12500
 01:20:20 Sara OConner: 1000
 01:20:20 Kathryn Prater: 125
 01:20:21 Tracey Lamb: 100
 01:20:21 Daniel Luther: 1000
 01:20:21 Joseph Wood: 200
 01:20:21 Kimberly Biniecki: 350
 01:20:21 Rachel Freid: 500
 01:20:21 Audrey Campbell: 200
 01:20:21 Andrea Cadman: 256
 01:20:21 Judith Griscom: 250
 01:20:21 Mark Phipps: around 1000
 01:20:21 michael Lanstrum: 144
 01:20:22 Lynda Krivansky: 500
 01:20:22 Linda Fulmore: 1000
 01:20:22 Susan Troutman: 368
 01:20:22 Mary Anne Opila: 200
 01:20:22 Kendra Edwards: 345
 01:20:22 Kristy Woody: 185
 01:20:22 Jolene Peterson: 257
 01:20:22 Darius Hatcher: 1999
 01:20:23 Luzviminda Malabanan: 12
 01:20:23 Lynn Lafferty: 500
 01:20:23 Emily Volk: 300
 01:20:23 Beth Snoop: 400

01:20:23	April Shelton:	125	
01:20:23	Elizabeth Birie:		400
01:20:23	rachel wingo:	1000	
01:20:23	Katie Gibson:	300	
01:20:23	Diocelina Guillen:		250
01:20:23	Amber Scholl:	500	
01:20:23	Javier Carbajal:		200
01:20:24	Aaron Gould:	400	
01:20:24	Rachel White:	2500	
01:20:24	Rachel Hauser:	400	
01:20:24	Alyssa Bauer:	500	
01:20:24	Sondra Skaggs:	157	
01:20:24	Lisa Caudle:	250	
01:20:24	Molly Moore:	500	
01:20:24	Milagros Carbonera:		200
01:20:24	Tedra Heron:	550	
01:20:24	Teresa Sutton:	600	
01:20:24	Amanda Aitken:	450	
01:20:24	Steven Cox:	250	
01:20:24	Jasmine King:	450	
01:20:25	Greer Curry:	1500	
01:20:25	Lisa Travis:	525	
01:20:25	Tiffany Gallagher:		2000
01:20:25	Kristin Asa:	260	
01:20:25	Leslie Sorace:	1000	
01:20:25	Brandi Fleckenstein:		800
01:20:25	Vanessa Dakin Marin:		110
01:20:25	Amy Tuckwell:	250	
01:20:25	Kari Dawson:	1500	
01:20:25	MELVIN BURNETT:	300	
01:20:25	Ann Marie Nee:	1000	
01:20:25	Gunnar Guttormsen:		600
01:20:25	Jennifer Ciano:	250	
01:20:25	Wendy Hoffhines:		600
01:20:25	Denesha Howell:	225	
01:20:25	Stephanie Waterman:		100
01:20:25	Michelle Silvia:		500
01:20:25	Meghan Bliss:	600	
01:20:25	Kenneth Reigle:	300	
01:20:25	John Simons:	900	
01:20:25	Heidi Ross:	200	
01:20:25	Sandi Rasmussen:		300
01:20:25	Brittney Melnick:		150
01:20:25	Kristen MacDougall:		200
01:20:26	Ali Semanision:	360	
01:20:26	Dave Hankin:	500	
01:20:26	Mary Walker:	72	
01:20:26	Kerrie Becker:	250	
01:20:26	Jessica Lysholm:		250
01:20:26	Jason Wright:	300	

01:20:26	Priscilla Galliano:	2,000	
01:20:26	Debra Loyd:	300	
01:20:26	Cindy Falla:	2000	
01:20:26	Darlene Bailey:	753	
01:20:26	Ginette Peralta Suarez:	1000	
01:20:26	Ebony Baker:	600	
01:20:26	Candida Arthur:	200	
01:20:27	amanda Helgerson:	400	
01:20:27	Julian Embrey:	100	
01:20:27	Ramona Hall:	900	
01:20:27	Kenneth McKee:	750	
01:20:27	JOY PERKINSACOSTA:	245	
01:20:27	Lara Sawamukai:	600	
01:20:27	David Barnes:	2 servings	
01:20:27	Judith Florczak:	458	
01:20:27	Brynna Fisher:	1000	
01:20:27	Linda Thommen:	182	
01:20:27	Ashley Cusick:	150	
01:20:27	Tammy Gelenaw:	200	
01:20:27	Dana Nelson:	1500	
01:20:28	Karen Walker:	500	
01:20:28	Allison Daniel:	400	
01:20:28	Ca-Lishea Woods:	200	
01:20:28	Debra Carter:	300	
01:20:28	Vesta Mizell:	625	
01:20:28	Kelli Freiwald:	800	
01:20:28	Shauna Ianson:	500	
01:20:28	Maria Valencia Pena:	800	
01:20:28	Randy Ross:	500	
01:20:28	Bina Kachwalla:	144	
01:20:28	David Drembus:	500	
01:20:28	Jenny Sagrillo:	1000	
01:20:28	Suzanne Smith:	100,000	
01:20:29	Erin Ryan:	175	
01:20:29	Michelle Webb:	300	
01:20:29	Laura Cranmer:	TOO MANY TO EAT	
01:20:29	Tricia:	500	
01:20:29	Rowena West:	100	
01:20:29	Joseph Kantrowitz:	1500	
01:20:29	Ann Marie Nee:	1000	
01:20:29	Julie Hutchin:	1000	
01:20:29	Jean Nussle:	enough	to make me sick
01:20:29	Amy Wright:	500	
01:20:29	Elizabeth Gentes:	256	
01:20:29	Kristen Hooker:	350	
01:20:29	Rebecca Mitchell:	250	
01:20:29	Grace Choi:	350	
01:20:30	Kristine Barrett:	500	
01:20:30	Gary Stewart:	900	
01:20:30	Vanessa Hale:	300	

01:20:30	Charlotte Auen: 900	
01:20:30	BMcNeese: 1200	
01:20:30	Antoinette McLain: 176	
01:20:30	Melissa Abdoo: 700	
01:20:30	Paul Lavery: 244	
01:20:30	Kimberlee Margosian: 480	
01:20:30	Jennifer Heldenbrand: 2500	
01:20:30	Portia Felder: 200	
01:20:30	Joseph Townson: 1200	
01:20:30	Sharla Prebble-Riddick: 1500	
01:20:30	Amormia Pyon: 230	
01:20:30	Javier Carbajal: 200	
01:20:30	MELVIN BURNETT: 300	
01:20:31	Christina Hall: 1,000	
01:20:31	Amy Kimball: 625	
01:20:31	Pam Darden: 400	
01:20:31	Sharon Ling: 600	
01:20:31	Renee Catalano: 600	
01:20:32	Bryan Buckingham: Krispy Kreme! Based out of my hometown , Winston-Salem, NC.	
01:20:32	Kristin Asa: 260	
01:20:32	Gloria Flores: 300	
01:20:32	Ange Kendall: 500	
01:20:32	Caitlin McNeil: 600	
01:20:32	judy rigney: 250	
01:20:32	Emma Farrow: 800	
01:20:32	Sondra Skaggs: 226	
01:20:32	Abiola Rotimi-Ogunsola: 200	
01:20:32	Deanne Wah: 600	
01:20:32	Kate Luker: 900	
01:20:32	Jennifer Ciano: 250	
01:20:33	Lori Krebs: 880	
01:20:33	Jennifer Zane: 1560	
01:20:33	John Sasko: 438	
01:20:33	Natasha Jean-Louis: 360	
01:20:33	Elizabeth Birie: NO 800	
01:20:33	Tanja Solano: 1000	
01:20:33	Grace Vaught-Smith: 400	
01:20:33	Stephanie Burton: 400	
01:20:33	Ann Asaro: 450	
01:20:33	Denise Cruz: 100	
01:20:33	Dave Hankin: 500	
01:20:33	Lawanda Longstreet: 550	
01:20:34	Josephine Snyder: 1000	
01:20:34	Claudia Goodwin: 300	
01:20:34	Simone Dixon: 600	
01:20:34	Nina Tandle: 625	
01:20:34	Cindy Bryant: 3000	
01:20:34	Laura Bowsher: With my SPED students, getting them more excited and engaged is so hard, but I make them feel every day in Math that in math we don't	

make mistakes, we make a path to success. 334

01:20:34 Louise Phillips: 400

01:20:34 Kristy Woody: That looks like a bowl of cherrios

01:20:34 Stephanie Matisiak: 400

01:20:34 Veronica Kwok: 400

01:20:34 Mary Johnson: 1000

01:20:34 amanda Helgerson: 400

01:20:35 Hsiao-Ting Chiou: 200

01:20:35 Abiola Rotimi-Ogunsola: 150

01:20:35 Clara Fuller: 500

01:20:35 Myra Collins: 250

01:20:35 Emily Lewis: 380

01:20:35 Kristin Thomas: 250

01:20:35 Amber Scholl: 2000

01:20:35 Ramona Quintero Caldera: 300

01:20:35 Wilma Fulgencio: 2000

01:20:35 Archita Vaghasiya: 350

01:20:36 Necole Atkins-Dowd: 5000

01:20:36 Luzviminda Malabanan: 500

01:20:36 Melanie Davis: 288

01:20:36 Maria Valencia Pena: 800

01:20:36 Marcella Curry: 240

01:20:36 Judith Florczak: is it just one layer

01:20:36 Polly Kimminau: 2019

01:20:36 Denesha Howell: 225

01:20:36 Jennie Brown: 900

01:20:36 Luisa de Carteret: 200

01:20:36 Linda Weyman: 2000

01:20:36 Michelle Gandy: 250

01:20:37 Brion Peterson: 288

01:20:37 Charese Chambers: 240

01:20:37 Erin Meade: too many to not to share?

01:20:37 Margaret O'Connell: 350

01:20:37 Melissa Miller: 500

01:20:37 ALEX QUYENVO: 725

01:20:37 Courtney Otubuah: 200

01:20:37 Cruz Flores Vazquez: Why is that box not in my kitchen is what I wonder

01:20:37 Ericka Smith: 377

01:20:37 Jorge Veloso: 250

01:20:37 Sharon Black-MacKinnon: 225

01:20:38 Rosie Barnes: 125

01:20:38 Amanda Hooks: 450

01:20:38 Johannah Wirzba: 300

01:20:38 Milagros Carbonera: 300

01:20:38 Michael Perkins: 800

01:20:38 Joseph Kantrowitz: 1500

01:20:38 Nora Chase: 400

01:20:39 Christina Tully: 414

01:20:39 Tammy Eplion: 500

01:20:39	C Robertson:	1000	
01:20:39	Debbie Williams:		600
01:20:39	Monica Roland:	1500	
01:20:39	Katie Ingram:	5000	
01:20:39	Bina Kachwalla:	400	
01:20:39	anjana tihaiya:	200	
01:20:39	Emma Farrow:	500	
01:20:39	Angela Young:	1000	
01:20:39	Lisa McGlothlin:		600
01:20:40	Milagros Smith:	600	
01:20:40	Janice Magauay:	900	
01:20:40	Gladys Montoya:	4000	
01:20:40	Ann Marie Nee:	1000	
01:20:40	Kevin LaBar:	900	
01:20:40	Myeesha Jones:	2400	
01:20:40	Ann Wycoff Bagshaw:		470
01:20:40	Melynee Naegele:		700
01:20:40	Tami Kreft:	800	
01:20:40	Andina Dwiyani Anwar:	500	
01:20:41	JOY PERKINSACOSTA:		250
01:20:41	Robbie Dillard:	175	
01:20:41	Sharla Prebble-Riddick:	1500	
01:20:41	Katie Johnson:	400	
01:20:41	Linda Ng:	900	
01:20:41	roya basu:	1200	
01:20:42	Andrew Lemond:	500	
01:20:42	Mary Dugas:	30 x 30	
01:20:42	Enkelejda Limani:		250
01:20:42	Melanie Pesola:	1999	
01:20:42	Melanie Pesola:	9	
01:20:43	Corrine Williams:		490
01:20:43	371640:	225	
01:20:43	Lisa Rogers:	800	
01:20:43	Vanessa Hale:	nah	400
01:20:43	Claire Dent:	20x60=1200	
01:20:43	Katie Gibson:	wonder - how many layers deep	
01:20:43	Rehana Sultana:	500	
01:20:43	Beverly Krumpe:	420	
01:20:44	Yelena Girdo:	900	
01:20:44	Megan Day:	2000?	
01:20:44	Richard Nakaoka:		250
01:20:44	Karen Reodica:	900	
01:20:44	Mark Phipps:	Is there only one layer	
01:20:44	Jennifer Tyche:	600	
01:20:45	Margaret O'Connell:	350	
01:20:45	Lindsey Vasques:	900	
01:20:45	Shelby Lynn Dye:	500	
01:20:45	Linda Huedepohl:	250	
01:20:45	Elizabeth Melvin:	800	
01:20:45	Sreevelmurugan Vamadevan:		225

01:20:45 Leslie Krefta: 750
 01:20:46 Susan Lear: 500
 01:20:46 Christina Siow Young: 850
 01:20:46 Kimberly Rimbey: 600
 01:20:46 Sherry Watkins: 400
 01:20:46 Litha Sonner: 500
 01:20:46 Tess Wills: 100
 01:20:46 Ruth Glasgow: more than 200
 01:20:46 Pooja Balani: 400
 01:20:46 Jordan Reed: Omg 750
 01:20:47 Robin Schwartz: 1234
 01:20:47 Jaleesa Sampson: 1200
 01:20:47 Heidi Nunes: 400
 01:20:47 Margaret Peretti: 600
 01:20:47 Melissa Curran: 420
 01:20:47 Patti Lawrence: 1000
 01:20:47 Christine Blake: 500
 01:20:48 Jacqueline Scott: 2500
 01:20:48 Michele Elliott: 900
 01:20:48 Elizabeth Melvin: 1000
 01:20:48 Faith Valentine: 500
 01:20:48 Angela Tseng: 750 KK donuts!
 01:20:48 Trena Wilkerson: My favorite donuts!!!!!! II am in to problem solve!
 01:20:48 Nannette Baker: 500
 01:20:49 Mary Carter: 1000
 01:20:50 Diane Anderson: 1000
 01:20:50 Denesha Howell: 400
 01:20:51 Irene Ramos: 900
 01:20:51 Warren Ledbetter: 500
 01:20:51 Katie Ingram: 500
 01:20:52 Linda Ng: 900
 01:20:52 Abiola Rotimi-Ogunsola: 30
 01:20:52 Kim Vogel-Wilson: 800
 01:20:54 MONICA TIENDA: Are there multiple layers?
 01:20:54 Jacqueline SladerRCT6K03W13: 400
 01:20:54 Marissa Bay: 170
 01:20:54 Kristin Asa: 260
 01:20:54 Portia Felder: 300
 01:20:55 Lauren Aragon: 600
 01:20:55 Acadia Gurney: 460
 01:20:55 Sherry *Bovey: 500
 01:20:56 Sandra MacDonald: that's a lot of donuts are there multiple layers?
 01:20:56 Alicia Kaplan: 500
 01:20:57 Kim Ellis: 250
 01:20:57 Judith Florczak: 742
 01:20:57 Chelsea McIntyre: 360
 01:20:58 Irene Ramos: 900
 01:20:58 Kim Rumfelt: 1200

01:20:58 Luisa de Carteret: 600
 01:20:58 Rosalinda Cruz: 1000
 01:21:00 Aya Zvaigzne: 750
 01:21:00 Jasmine King: 400
 01:21:01 Stephanie Izzard: 600
 01:21:02 Susan JACOBSON: 340
 01:21:02 Velma Guidry: 250
 01:21:02 SAPNA SHARMA: 2400
 01:21:02 Abiola Rotimi-Ogunsola: 300
 01:21:03 Marie Hannon: 325
 01:21:03 Marie Fagan: 900
 01:21:04 Barbara Harvey: Guessing 30*40 array so 1200 donuts
 01:21:05 Melanie Doody: I love this one!
 01:21:07 Latrina Bowen: 300
 01:21:07 roya basu: 120
 01:21:07 Kristin Asa: 260
 01:21:08 Michele Elliott: Maybe 1200
 01:21:09 Sandra MacDonald: 320 per latyer
 01:21:09 Linda Thommen: 820
 01:21:10 Linda Huedepohl: 1250
 01:21:11 Angela Tseng: and talk about baker's dozen too!
 01:21:12 Stacy Bahns: 1200
 01:21:13 Ashleigh Walton: 600
 01:21:14 Molly Moore: 12
 01:21:14 Jacqueline SladeRCT6K03W13: 400
 01:21:15 Megan Day: They don't know what a dozen is
 01:21:15 Elizabeth Hallahan: allergies. no donuts 🍩 allowed.
 01:21:16 Hsiao-Ting Chiou: 250
 01:21:17 Edwige Kozinski: 2500
 01:21:17 Aya Zvaigzne: 7500
 01:21:17 Daniel Seif: 768
 01:21:20 Michele Eyler: 750
 01:21:22 Andrea Cadman: I Wonder if there is more t6han one layer...
 01:21:23 Ximena Sloane: 1500
 01:21:23 Bina Kachwalla: Notice and wonder questions are awesome
 01:21:25 Jacy Niemeyer: 1000
 01:21:26 Kelli Freiwald: like estimation 180...
 01:21:30 Marissa Bay: 170
 01:21:33 Laura Bowsher: 253
 01:21:37 Michelle Gandy: my favorite strategy
 01:21:38 Cruz Flores Vazquez: 256
 01:21:40 ROER SHONDA: 400
 01:21:40 Marlin Dib: 200
 01:21:42 Kevin LaBar: About 4 after my breakfast
 01:21:49 Mark Phipps: takis!
 01:21:55 Laura Bowsher: Haha Kevin
 01:21:56 Sahar Alkhatib: 500
 01:21:57 Cindy Bryant: I wondered about the number of layers also.
 01:22:01 Jasmine King: I saw this all the time!!!!
 01:22:04 Teresa Sutton: Used Cheese-Its to model square and cube numbers

01:22:07 Jasmine King: say*
 01:22:12 roya basu: 1200
 01:22:13 Kelli Freiwald: CRA?
 01:22:15 Vaidehi Agrawal: 299
 01:22:16 Dave Hankin: 500
 01:22:16 Jaime Pacilio: Concrete to abstract!!!!
 01:22:16 Rosemary Sbrocca Auger: 500
 01:22:17 Barbara Harvey: 1200
 01:22:18 Andrew Tyler: 6635
 01:22:19 Wilma Fulgencio: 2000
 01:22:20 Sandra MacDonald: there are more than we see
 01:22:20 Laura Bowsher: 2500 lol
 01:22:21 Stephanie Schultz: I wondered if they were warm....
 01:22:23 Angela Tseng: 750
 01:22:23 Donna McClue: 660
 01:22:23 Linda Ng: 9000
 01:22:24 Elizabeth Hallahan: we all want to tech this way. in your
 opinion what is our biggest barrier. as teachers today.
 01:22:24 ferhat Pektas: 5678
 01:22:28 Sandra MacDonald: 1000
 01:22:29 Andrew Tyler: 645
 01:22:34 Katie Gibson: i sent home CheezIts this week for my students to
 play around with area
 01:22:35 Audrey Campbell: 600
 01:22:37 Josie: 4000
 01:22:38 Rebecca Mitchell: 2500
 01:22:38 Dave Hankin: 800
 01:22:38 Jason Wright: 800
 01:22:39 Sharon Black-MacKinnon: 800
 01:22:40 Aya Zvaigzne: How many layers are there, there could be more than
 one layer
 01:22:42 Jenny Sagrillo: 800
 01:22:43 Linda Thommen: 800
 01:22:44 Sahar Alkhatib: How may layers
 01:22:45 Dave Hankin: 800
 01:22:45 Cruz Flores Vazquez: 2400
 01:22:45 Susan Troutman: 800
 01:22:46 Virginia Driscoll: 800
 01:22:46 Susan Lear: 800
 01:22:47 Sandra MacDonald: 800
 01:22:47 Gunnar Guttormsen: 800
 01:22:48 Janice Magauay: 800
 01:22:49 Caitlin McNeil: 800
 01:22:49 Abiola Rotimi-Ogunsola: 800
 01:22:49 Laura Bowsher: 810
 01:22:50 Faith Valentine: 800
 01:22:50 Daniel Luther: 900
 01:22:50 ROGER MILLER: 250
 01:22:50 Pooja Balani: 800
 01:22:51 Rebecca Dominguez: 800

01:22:52 Virginia Driscoll: 25*32
 01:22:53 Deanne Wah: 800
 01:22:53 Nina Tandle: 800 in total
 01:22:53 Mark Phipps: HOW MANY LAYERS
 01:22:54 Stephanie Matisiak: 800
 01:22:55 Milagros Carbonera: 700
 01:22:56 Beverly Krumpe: 800
 01:22:56 Stacy Bahns: Barrier=State testing
 01:22:56 Judith Florczak: time is our biggest barrier only second to
 class size.....
 01:22:57 Irene Ramos: 800
 01:22:57 Luzviminda Malabanan: 800
 01:22:57 Denesha Howell: 900
 01:22:58 Ashley Cusick: 800
 01:23:00 Emily Work: 800
 01:23:00 Jasmine King: 800
 01:23:00 Laura Bowsher: 800
 01:23:00 Vesta Mizell: darnit it wasnt square lol
 01:23:00 Heidi Nunes: i was half right ha ha
 01:23:01 Gary Stewart: how do we get credit for attending this?
 01:23:04 Sandra MacDonald: are there more than one layer
 01:23:04 Stephanie Matisiak: Ha yes I wondered about layers!!
 01:23:05 Nadia Messadi: 800
 01:23:06 Kim Rumpfelt: 600
 01:23:06 Jeanetta Glass: 750
 01:23:06 Angela Tseng: $20*30+2*5$
 01:23:07 Louise Phillips: 800
 01:23:07 Elizabeth Hallahan: the cheese it's. are u still in the class
 room.
 01:23:09 ROGER MILLER: 280
 01:23:10 Louise Phillips: 800
 01:23:10 Adrienne Jones: 30×20 then 5×2 , then add together
 01:23:10 Katie Gibson: wow - cool
 01:23:12 Wilma Fulgencio: 800
 01:23:17 Andrea Cadman: 800
 01:23:17 Kimberly Binniecki: Not how I did it
 01:23:18 Charlotte Auen: $8 * (4*25)=800$ doughnuts
 01:23:19 Elizabeth Hallahan: how did u get cheese it's to them.
 01:23:22 Jacqueline SladerRCT6K03W13: 800
 01:23:23 Heidi Nunes: generic rectangles
 01:23:26 ROGER MILLER: 300
 01:23:31 Sally Meyer: what a great way to help kids see this!
 01:23:35 Amber Scholl: Too many!
 01:23:37 Judith Griscom: 736!
 01:23:38 Kimberly Binniecki: 4 rows make 100, how many 4s are in 32?
 01:24:02 Katie Gibson: we send home packets of work each week. I put them
 in little plastic containers from dollar store so they wouldn't get crushed
 01:24:03 Heidi Nunes: foil
 01:24:04 Judith Florczak: great intro to composite figures as well
 01:24:04 Kimberly Rimbey: Beautiful progression!!!

01:24:05 Enkelejda Limani: Estimation for 180 days
<http://www.esteemation180.com/>

01:24:08 Sandra MacDonald: I did $25 \times 8 \times 4$ or 8×100

01:24:14 Daniel Seif: I got the 32 correct but estimated 24 vs 25

01:24:18 Konnie Guthrie: I love how the array models relate to partial products which relate to the distributive property.

01:24:18 Ali Semanision: i love using area models like these

01:24:19 Judith Griscom: man - I can't see the whole thing...

01:24:20 Stephanie Matisiak: yes composite figures!!!

01:24:20 Amber Scholl: Next question... How long to eat that man??

01:24:21 amanda Helgerson: love asking- how else can we see this? did anyone else see this differently?

01:24:25 Tamikia Greene: Loved that!

01:24:27 Kristy Woody: I love using the area model

01:24:29 Ange Kendall: Great way to show why the area model is an effective way to start imagining the problem.

01:24:32 Aya Zvaigzne: 30×25 estimate

01:24:37 Marla Aehlert: Four 25's is 100, and there are 8 fours in 32

01:24:42 Mark Phipps: I saw quaters

01:24:46 Bridget Donegan: $25 \times 3 \times 10 + 25 \times 2$

01:24:47 Mark Phipps: like money

01:24:51 Ebony Baker: That makes perfect sense!

01:25:02 Angelica Johnson: Amazing

01:25:13 Javier Carbajal: damn im bad!

01:25:18 Sandra MacDonald: finding out how they figured it out is so critical

01:25:19 Konnie Guthrie: I see adults struggling with this when their children are in elementary school. This is where the sense making comes from.

01:25:26 Adrian Chavez: Come on Carbajal

01:25:26 Kelli Freiwald: I said 800 maybe I should play the lottery!

01:25:27 Heidi Nunes: I hated foil when I was in 8th grade. didn't make send to me at all. It didn't work for something like $(x+2)(x^2+2x+3)$

01:25:28 Monica Roland: I would use this when introducing multiplying binomials - algebra tiles!

01:25:33 Aya Zvaigzne: CRA concrete relational abstract

01:25:33 Laura Bowsher: He's partied like it was 1999

01:25:42 Warren Ledbetter: 4 calums are a 100, $32/4$ is $8=800$

01:25:42 Barbara Harvey: haha

01:25:49 Velma Guidry: Prince♡♡♡♡

01:25:50 Laura Bowsher: SYMBOL He became a symbol

01:25:57 Sandhya Raman: love the analogy!

01:26:04 Stephanie Matisiak: brilliant, Laura!

01:26:11 Michelle Gandy: awesome analogy

01:26:12 Amber Scholl: The artist formerly known as

01:26:15 Stacy Bahns: Parents see the algorithm as concrete and what we ask kids to do as abstract.

01:26:16 Ange Kendall: Great analogy

01:26:21 Emily Kavanagh: Yes

01:26:22 Sreevelmurugan Vamadevan: I will use this when I am teaching Permutation and Combination

01:26:31 Robbie Dillard: I teach 6/7 grade math and students always get so frustrated they cant think through the uncomfortable parts.

01:26:39 Linda Ng: wow

01:26:40 Stephanie Schultz: Love that!

01:26:42 Sandhya Raman: gosh... if there was more time to teach! 🙏🙏

01:26:53 Kristen Hooker: I agree Sandhya!!

01:26:54 Danielle Bentley: This analogy...oh my goodness! Brilliant!

01:26:56 Sharla Prebble-Riddick: Awesome thinking

01:26:59 Wilma Fulgencio: great

01:27:03 Jennie Brown: Awesome

01:27:04 Michelle Webb: so my problem is getting from the abstract to the concrete.

01:27:05 Elizabeth Hallahan: time to let them explore

01:27:10 Karen Reodica: @Sandhya, yes, wish we had longer blocks for math.

01:27:15 Gloria Flores: Love it

01:27:22 Vesta Mizell: DONT FORGET VERBAL

01:27:25 Katie Gibson: We need to be able to teach fewer concepts deeper so kids actually internalize the concepts/understanding

01:27:27 Ann Marie Nee: i use that method to have students explore completing the square

01:27:29 Jasmine King: What was the word under symbolic?

01:27:31 Chi-Man Ng: I love how that every strategy is so catchy. This is the move to make math memorable.

01:27:32 amanda Helgerson: I could easily attend a multi-hour presentation on this stuff from you guys! Thanks already- and you are not done yet!!!

01:27:33 Gunnar Guttormsen: First article in this month

01:27:38 Leslie Sorace: I am so excited to get back into the classroom!

01:27:39 Danielle Bentley: @Vesta YES verbal!

01:27:44 Sandra MacDonald: I do love algebra tiles though

01:27:46 Ann Wycoff Bagshaw: When I saw the base 10 model, I though about the lattice method of multiplication and how upset people were about students using lattice to multiply.

01:27:51 JUDY DUNMIRE: Abstract was under symbolic

01:27:55 Elizabeth Hallahan: sounds like us. rushing through the material.

01:27:57 Linda Ng: Abstract was the word under symbolic

01:28:00 Rehana Sultana: i agree

01:28:06 Gunnar Guttormsen: Mathematics Teacher Learning Teaching PK12 - The Area Model

01:28:14 Kristy Woody: I need to learn to use these

01:28:16 John Sasko: Be the coach,not the umpire (judging)

01:28:32 Ali Semanision: Lassiter?

01:28:34 Vesta Mizell: RULE OF FOUR---- used in AP... we are all Pre-AP now :)

01:28:40 Carmen Luna-Robledo: Joseph Campbell

01:28:46 Emily Kavanagh: Absolutely

01:28:47 Sara Lynn Cannady: This webinar was so interesting and informative.....the best I have seen/heard!

01:28:48 Jasmine King: THANK YOU!

01:28:49 Kate O'Grady: Sounds a lot like Montessori methods for math
01:28:53 Kyle Pearce: Here's a post that'll help for those looking for the
concreteness fading model / graphics:
<https://tapintoteenminds.com/concreteness-fading/>
01:28:58 Cruz Flores Vazquez: Woody
01:28:58 Elizabeth Hallahan: good stuff guys
01:29:01 Emily Kavanagh: Indiana Jones
01:29:01 Darius Hatcher: iron man
01:29:06 Bridget Donegan: Hercules
01:29:09 Monica Roland: Facilitate student learning
01:29:12 Alicia Kaplan: Like Augie in Wonder
01:29:13 Carmela Minckler: Joseph Campbell's Hero's Journey
01:29:18 Monica Roland: Love this visual
01:29:18 Joseph Townson: Wolverine
01:29:19 Stephenia Courtney: Goonies
01:29:21 Darius Hatcher: James bond
01:29:23 Bryan Buckingham: iron man
01:29:24 Michelle Webb: Hercules
01:29:27 Linda Ng: Naruto!
01:29:28 Kevin LaBar: Bilbo Baggins
01:29:28 Bridget Donegan: The Man With a Thousand Faces
01:29:28 Rebecca Dominguez: poppy!
01:29:29 Mary Anne Opila: Indiana Jones
01:29:29 David Barnes: Luke Skywalker
01:29:30 Jaime Pacilio: Dorothy
01:29:31 Erin Meade: I love this webinar! So inspiring! I have to get
going to help bathe my babies! Take care and keep healthy all!
01:29:31 Renee Catalano: star wars
01:29:32 Andrea Cadman: Love that graph. Can actually use that directly
with my Math8 kiddos. They will love it!!
01:29:33 Lisa Caudle: Me too!!!
01:29:33 Adrian Chavez: Kobe Bryant
01:29:37 Nina Tandle: I love Star Wars!!!
01:29:37 Bridget Donegan: REVENGE OF THE FIFTH
01:29:47 John Simons: Paul Erdos
01:29:49 Lauren Aragon: Harry Potter
01:29:51 Elizabeth Hallahan: peter Parker.
01:29:53 Bryan Buckingham: Shaq *Shazam!)*
01:29:54 Portia Felder: Black Panther
01:29:54 Katie Gibson: I had this conversation with a student today - he
hated me at the start of the year because "I made him think and figure things out
himself" - today he was telling me how he uses that skill in other classes now as
well
01:30:00 Laura Bowsher: Yes, go back home and stay home for America
01:30:02 Laura Bowsher: lol
01:30:05 Kristy Woody: 8th grade matching graphs to stories
01:30:05 Ximena Sloane: I am hoping that there will be some BIG changes to
teaching after today's challenges... I love to teach and to see my students
excitement when they get it... But standardized testing and the requirements take
much of the joy of teaching and learning away

01:30:11 Warren Ledbetter: Corum Jhalen Irsei
01:30:15 Tess Wills: Love that Revenge of the Fifth is also Cinco de Mayo... maybe not as much of a revenge as we thought?
01:30:22 Heidi Nunes: Graph stories
01:30:23 Kevin LaBar: Stars Wars diluted beyond recognition
01:30:29 Leslie Krefta: woody
01:30:30 Kristen Hooker: @laurenaragon Check twitter - Harry Potter characters are reading the first chapter of the first book and they will continue reading it until they get through the whole book!!
01:30:37 Monica Roland: We're working on reviewing describing functional relationships - can definitely use in my lessons this week.
01:30:39 Amber Scholl: That was at the OAGC conference!
01:30:40 Kelli Freiwald: May the 4th.....
01:30:46 Louise Phillips: Scottie Pippen
01:30:48 Stacy Bahns: It must be getting late on the east coast.
01:30:54 Kimberly Rimbey: This is the dissertation journey!!!!!!!!!!!!~
01:31:00 Adrian Chavez: lol @ Scottie Pippen
01:31:03 Warren Ledbetter: Sorry, fourth is over, now its Revenge of the Fifth
01:31:03 Aaron Gould: productive struggle at its best
01:31:07 Lauren Aragon: @kristenhooker I saw that! So cool
01:31:09 Danielle Bentley: @ Kimberly YES
01:31:34 Sharon Black-MacKinnon: absolutely true
01:32:03 Elena Ouimette: so true
01:32:04 Monica Roland: Very true!
01:32:04 Sandra MacDonald: agreed
01:32:05 Patty Blair: I came in to see what I could do as a4th grade math teacher to lead effectively into higher grades. I now feel the lower grades using these similar strategies will be most supportive of your efforts. students will have this foundational pattern of thinking that exploring and struggle is expected and profitable..
01:32:09 Sharla Prebble-Riddick: My EC students are asking some of these questions. They are really thinking
01:32:09 Cathy Grant: I think the greatest tension is their fear of being called on.
01:32:12 Stephanie Matisiak: wow, yeah
01:32:17 Steven Cox: wow
01:32:18 Wilma Fulgencio: agree
01:32:20 Marie Hannon: Yes...I have!
01:32:21 Robin Schwartz: HW 1st thing in class or Do Now is usually not exciting way to istart class
01:32:24 CHERRITA ALLEN: True
01:32:24 Alfreida S Jamison: Yup!
01:32:29 Darius Hatcher: build, build, build
01:32:33 Leslie Sorace: It's like when a kid makes his/her own money and the item they buy means so much more than a parent buying it for them.... If we give them the opportunity to earn their own learning, the concept will last longer!
01:32:34 Trena Wilkerson: Awesome session Jon and Kyle! Thank you!
Also thanks to all the participants for such great insights!
01:32:37 Kimberly Rimbey: My K-5 teachers need to hear this

session...this is not just for grades 6-8!!!!!!

01:32:39 Marcella Curry: I love this

01:32:48 Kristin Asa: Agreed Kimberly!

01:32:50 Jennifer Suh: INQUIRY

01:32:54 April Thompson: Taking away the meaning turns into them “forgetting” skills

01:32:54 Stephenia Courtney: Amazing

01:32:57 Elizabeth Chapman: I have use that exact saying "your robbing their chance to learn"

01:32:57 Kelli Freiwald: I love Dan

01:33:03 Courtney Otubuah: productive struggle, perseverance in learning

01:33:05 Marla Aehlert: I learned this from Scott Adamson. Love it

01:33:05 Patty Blair: Builds like a great novel

01:33:06 Josephine Snyder: Yes Kimberly!!

01:33:08 Janice Magauay: It is all about ownership of learning.

01:33:10 Nina Tandle: So true...students learn by struggling and growing.

01:33:20 Amy Robinson: Yoda

01:33:21 Amanda Aitken: Sounds like Phenomenon in science

01:33:23 Edwige Kozinski: isn t this inquiry based learning ?

01:33:24 Rehana Sultana: We want them to be creative and curious.

01:33:24 Kimberly Biniecki: So we’re yodas

01:33:30 Stacy Bahns: Struggle- they are so used to being rescued. Maybe after distance learning and parents trying to teach we will turn the corner on this.

01:33:34 Linda Ng: Obi Wan!

01:33:36 Andrea Cadman: Yes, HOW do we help them to find the grit and perseverance??

01:33:40 Ashleigh Walton: All high school kids want to know “Why do we need to know this?”

01:33:43 Milagros Smith: It is like us as teachers: we learn the names of the students that make us work for it first.

01:33:47 Claire Dent: ownership is so important

01:33:50 MONICA TIENDA: We are Jedi Masters...

01:33:56 Kimberly Rimbey: @ Stacey Bonds We all want to be rescued. Disequilibrium is NOT fun!

01:33:59 Bridget Donegan: Any advice for teachers who are already on board with these strategies but whose administrators are not?

01:34:01 Sharlena Cooks-Fahngon: Absolutely, we need to teach students how to take ownership of their learning & it okay to make mistakes

01:34:03 Bina Kachwalla: while the students are struggling, we pose questions for deeper thinking: we call this scary and walk away; Give time for them to think and take risks

01:34:06 Rehana Sultana: I agree teachers should be a guide not spoon feeding

01:34:08 Mary Walker: i call them struggle bus problems

01:34:12 Christina Hall: I did my observation using a Math Breakout and prior skills that my students should know, since our District testing was about to happen. My principal was like maybe you should break it up and take a break, but it seems that they are totally engaged, not one group is off task. I

01:34:13 Janice Magauay: “Attach value to the learning”

01:34:21 Sreevelmurugan Vamadevan: How can we access some sample live

classess

01:34:28 judy rigney: thanks for the strategies!
01:34:33 Andrew Tyler: I am going to watch this again, a lot of good info
01:34:36 Michelle Bourgeois: This has been EXCELLENT
01:34:37 rachel wingo: yes
01:34:38 Maureen Harden: I want this book?
01:34:38 Cindy Bryant: Excellent session Kyle and Jon! Love your four
strategies!!!
01:34:38 Nannette Baker: Yes
01:34:39 Polly Kimminau: attach value to learning...love this!
01:34:39 Tiffany Gallagher: Yes!!!
01:34:39 Bryan Buckingham: yes
01:34:39 Andrea Cadman: yes
01:34:39 Elena Ouimette: Thank you!
01:34:39 Elizabeth Birie: YESSSS
01:34:39 Kelli Freiwald: yes
01:34:40 Jasmine King: yES
01:34:40 Katie Martin: Yes!
01:34:40 Teresa Sutton: YES
01:34:40 Shannon Wall: Yes!!!
01:34:40 Amanda Aitken: Yes!
01:34:40 Steven Cox: YES!!
01:34:40 Leslie Texas: yes
01:34:40 Stephenia Courtney: yes
01:34:40 Marcella Curry: yes
01:34:41 Ali Semanision: Yes
01:34:41 Meghan Bliss: YES!
01:34:41 Joseph Kantrowitz: yes
01:34:41 Janice Magauay: yes
01:34:41 Joy Kogut: This was super helpful!!
01:34:42 Leslie Sorace: yes
01:34:42 Amy Tuckwell: This was amazing!
01:34:42 Sandi Rasmussen: yes
01:34:42 Kelly Sanchez: yes
01:34:42 Amy Kimball: yes
01:34:42 CHERRITA ALLEN: Great webinar!!
01:34:42 Edye Christopher: yes
01:34:42 Denesha Howell: YES
01:34:42 Archita Vaghasiya: yes
01:34:43 Sharon Black-MacKinnon: yes!!
01:34:43 Elizabeth Chapman: yes
01:34:43 Louise Phillips: Yes
01:34:43 Kristine Barrett: Yes
01:34:43 Abiola Rotimi-Ogunsola: Yes
01:34:43 Tracey Lamb: Yes
01:34:43 Johannah Wirzba: Yes!
01:34:43 Audrey Campbell: yes
01:34:43 Monica Roland: YES!
01:34:43 Mary Anne Opila: yes
01:34:43 Kendra Edwards: Yes

01:34:43 Deanna Richardson: yes
 01:34:43 judy rigney: yes
 01:34:44 Adrienne Jones: yes
 01:34:44 Nina Tandle: Mission complete
 01:34:44 roya basu: Yes
 01:34:44 Laura Bowsher: YES
 01:34:44 Stephanie Matisiak: yes
 01:34:44 rachel wingo: excellent
 01:34:44 Christina Tully: Yes!
 01:34:45 Sreevelmurugan Vamadevan: Yes
 01:34:45 Mariana Soldini: yes
 01:34:45 Katie Gibson: yes
 01:34:45 Kelli Freiwald: yes
 01:34:45 Kathryn Prater: Yes
 01:34:45 Lisa Kowalski: YES
 01:34:45 MEGAN SPEARS: yes!!
 01:34:45 Anna Riabtsev: Yes!
 01:34:46 Jennie Brown: Yes!
 01:34:46 Cathy Grant: Yes
 01:34:46 Emma Farrow: Yes
 01:34:46 Catherine Anderson: yes
 01:34:46 Tammy Gelenaw: yes...
 01:34:46 Cindy Luper: yes
 01:34:46 Tanja Solano: YES
 01:34:46 Daniel Irving: Yes!
 01:34:47 Denise Cruz: yes
 01:34:47 Kimberlee Margosian: Yes
 01:34:47 Allison Miller: yes
 01:34:47 Angela Tseng: yes
 01:34:47 Brandi Fleckenstein: Yes
 01:34:47 Darius Hatcher: yes
 01:34:47 Marie Hannon: This was awesome...thank you
 01:34:47 Judith Florczak: we have to be a guide but we must
 continually pose questions or some how get students to pose questions to each other
 01:34:47 Priscilla Galliano: yes
 01:34:47 Rebecca Dominguez: yea
 01:34:47 Tyra Ray: Yes!
 01:34:47 Jennifer Cronin: Yes
 01:34:47 Rachel White: yes
 01:34:48 Ronald Austria: yes
 01:34:48 Antoinette McLain: yes
 01:34:48 Amanda Hooks: yes
 01:34:48 Vesta Mizell: ITS EASIER TO BEG FORGIVENESS... edit your curricula
 01:34:48 CHERRITA ALLEN: YES!
 01:34:48 Sharlena Cooks-Fahngon: Yes,
 01:34:48 Greer Curry: YES
 01:34:48 Karen Reodica: yes!!!!
 01:34:48 Ann Marie Nee: yes
 01:34:48 Alicia Kaplan: YES!!!!
 01:34:48 Claire Dent: Yes! love this

01:34:48 Karole Van Nostrand: Yes!
01:34:48 Cindy Falla: Thank you- Insights Spark curiosity... allow space for students to wonder and ask questions..Thinking of how I can apply this with asynchronous environment.. Yes- I have new ideas
01:34:49 Sandra MacDonald: yes
01:34:49 Heidi Nunes: This was great! Thank you so much!
01:34:49 Clara Fuller: yes
01:34:49 ROER SHONDA: yes
01:34:49 Suzanne Smith: yes
01:34:49 Aya Zvaigzne: You ROCKED IT
01:34:49 Sherry *Bovey: Yes
01:34:49 Lisa Travis: yes
01:34:49 Marlin Dib: Thank you!
01:34:49 Enkelejda Limani: Who is training the supervisors.
01:34:49 Maureen Harden: This was fantastic!
01:34:49 Brynna Fisher: yes
01:34:49 Denise Leal: yes
01:34:49 Sondra Skaggs: Yes
01:34:49 Kerrie Becker: definitely!
01:34:49 Darlene Bailey: yes
01:34:50 Dana Nelson: yes
01:34:50 Renee Catalano: yes
01:34:50 Bryan Buckingham: be like Prince
01:34:50 Kenneth Reigle: yes
01:34:50 RACHEL FRAZER: Yes
01:34:50 Vesta Mizell: yes
01:34:50 Jennifer Zane: Yes
01:34:50 Melanie Davis: Yes, yes, yes, yes!!!
01:34:50 Ali Semanision: Yes
01:34:51 Rachel White: yes
01:34:51 Latrina Bowen: yes
01:34:52 Ashley Cusick: Yes!
01:34:52 Jasmine King: yes
01:34:52 Litha Sonner: yes
01:34:52 Susan Troutman: yes
01:34:53 Joy Kogut: Yes!!!!
01:34:53 Kimberly Rimbey: yeo!
01:34:53 Leslie Texas: yes
01:34:53 Kristen Hooker: Thank you!
01:34:53 Jessica Lysholm: Yep!
01:34:53 Kristy Woody: yes
01:34:53 Rosie Barnes: yes
01:34:53 Christina Hall: YES!! This is an amazing Webinar!
01:34:53 Angie Stika: yes
01:34:53 Leslie Sorace: yes
01:34:53 Mary Carver: Yes
01:34:53 Shannon Wall: YES!!!!!!!
01:34:54 Louise Phillips: yes
01:34:54 Debra Carter: yes
01:34:54 Aya Zvaigzne: Thank you

01:34:54 Milagros Smith: I am flipping!!!
01:34:54 Allison Miller: yes
01:34:55 Kathleen Cullen: yes
01:34:55 Emma Farrow: Absolutely!
01:34:55 Skip Fennell: Yes
01:34:55 Maureen Harden: Thank you!!!!
01:34:55 Stephanie Matisiak: yes
01:34:55 Johannah Wirzba: Yes!
01:34:55 Joseph Kantrowitz: yes
01:34:55 rachel wingo: yes
01:34:55 Nina Tandle: Affirmative!
01:34:56 Teresa Sutton: YES
01:34:56 John Sasko: great job!
01:34:56 Stephenia Courtney: yes
01:34:56 Sharon Frost: yes
01:34:56 Deanna Richardson: yes
01:34:56 MEGAN SPEARS: yes! thank you
01:34:56 Laura Cranmer: yesyes
01:34:56 April Shelton: yes
01:34:56 Wilma Fulgencio: yes
01:34:57 Sandra MacDonald: Absolutely
01:34:57 Sandi Rasmussen: yes
01:34:57 Lisa Caudle: Yes
01:34:57 Brandi Fleckenstein: Yes!
01:34:57 Dana Nelson: yes
01:34:57 Elizabeth Hallahan: yes
01:34:57 Joseph Townson: YES
01:34:57 Erin Ryan: Yes!
01:34:57 Allison Daniel: something to think about for sure!!
01:34:57 Kelli Freiwald: yes
01:34:57 Michael Perkins: yes - High five for you!
01:34:57 Luzviminda Malabanan: yes
01:34:57 Jacy Niemeyer: yes... thanks!
01:34:57 Amanda Aitken: Yes!!!
01:34:57 Heidi Ross: yes
01:34:57 Kenneth Reigle: yes
01:34:57 Amber Scholl: yes
01:34:57 Kristine Barrett: yes
01:34:58 Janice Magauay: yes
01:34:58 Margaret O'Connell: I think so!
01:34:58 Daniel Luther: yes
01:34:58 Angela Tseng: Yes!
01:34:58 Clara Fuller: yes
01:34:58 Sharon Black-MacKinnon: yes
01:34:58 Audrey Campbell: yes
01:34:58 Sherry *Bovey: yes
01:34:58 Darlene Bailey: yes
01:34:58 Katie Martin: yes
01:34:58 Gloria Flores: Yes
01:34:58 Laura Bowsher: yes

01:34:58 Sharla Prebble-Riddick: This was GREAT!!!
01:34:58 Ange Kendall: YEP
01:34:58 Lynnette Flannery: yes
01:34:58 Kathryn Prater: Absolutely!
01:34:58 Mary Carver: yes
01:34:59 Michelle Webb: yes, this was great!!! I have a lot of work to do
though. :)
01:34:59 Myra Collins: yes
01:34:59 Marie Hannon: Yes
01:34:59 Javier Carbajal: YES!
01:34:59 Bonnie Lee: yes
01:34:59 Denise Cruz: yes
01:34:59 Catherine Anderson: yes
01:34:59 Cherri Wilson: Yes
01:34:59 Stephanie Matisiak: definitely
01:34:59 CHERRITA ALLEN: Yes!!
01:34:59 Christina Siow Young: yes
01:34:59 Mary Anne Opila: yes
01:34:59 Elena Ouimette: yes!!!
01:34:59 Denise Leal: yes
01:34:59 Susan Lear: Yes
01:35:00 Jaime Pacilio: This was one of the best classes I have been to in a
while. Thank you so much
01:35:00 Katie Gibson: but would love a longer presentation too!
01:35:00 Andrea Cadman: yes,
01:35:00 Kelly Sanchez: yes
01:35:00 Litha Sonner: ues
01:35:00 judy rigney: gave great ideas
01:35:01 Kimberlee Margosian: Yes
01:35:01 Daniel Luther: yes
01:35:01 David Barnes: Yes, Grasshopper.
01:35:01 Katie Martin: yes
01:35:01 Marcella Curry: yes
01:35:01 MELVIN BURNETT: definitely!!!!
01:35:01 Kerrie Becker: yes!!
01:35:01 Lisa Travis: Absolutely
01:35:01 Adrian Chavez: yes
01:35:01 RACHEL FRAZER: Yes
01:35:01 Mary Dugas: YES...CREATED CURIOSITY!!! TELL US MORE
01:35:01 Amanda Hooks: yes
01:35:01 Abiola Rotimi-Ogunsola: This makes a lot of sense
01:35:01 Ramona Hall: yes
01:35:01 Bridget Schaefer: yes
01:35:01 Edye Christopher: yes
01:35:02 Diane Anderson: This was an awesome webinar! Thank you!
01:35:02 Tiffany Gallagher: yes
01:35:02 Cindy Luper: I want more of this session
01:35:02 Christina Tully: Yes!
01:35:02 Kendra Edwards: Yes
01:35:02 Mariana Soldini: YES

01:35:02 Renee Catalano: wonderful, great thinking I can apply in class
01:35:02 Margaret Peretti: yes
01:35:02 Elizabeth Chapman: yes
01:35:02 Denesha Howell: YES
01:35:02 Litha Sonner: yes
01:35:02 Sharlena Cooks-Fahngon: yes, way to go
01:35:02 Tricia: yes
01:35:02 Suzanne Smith: yes
01:35:03 Sondra Skaggs: Absolutely
01:35:03 Warren Ledbetter: Yse
01:35:03 Aya Zvaigzne: amen
01:35:03 Priscilla Galliano: yes
01:35:03 Amy Tuckwell: Yes! Absolutely!
01:35:03 Katie Gibson: yes
01:35:03 Christina Hall: Yes!
01:35:03 Ann Wycoff Bagshaw: Very informative. Thank you.
01:35:03 Cristy Holtzclaw: yes
01:35:03 Archita Vaghasiya: Yes!!!!
01:35:03 Rebecca Dominguez: yea
01:35:03 Adrian Chavez: yessss
01:35:03 Karen Reodica: oui
01:35:03 Tanja Solano: YES
01:35:04 Latrina Bowen: yes
01:35:04 Cruz Flores Vazquez: Si
01:35:04 Tracey Lamb: Yes - resilience
01:35:04 Maureen Harden: yes
01:35:04 Lori Krebs: yes'
01:35:04 John Sasko: si
01:35:04 Linda Weyman: Yes!!
01:35:04 Amy Robinson: yes
01:35:04 Adrian Chavez: y
01:35:04 Denise Leal: yes
01:35:05 Diane Anderson: yes
01:35:05 Adrian Chavez: e
01:35:05 Zuleika Jackson-Jones: yes
01:35:05 dana dulzo: awesome webinar...time flew just like it should in
class
01:35:05 Claire Dent: yes
01:35:05 Adrian Chavez: s
01:35:05 Allison Daniel: for sure
01:35:05 Michelle Gandy: yep
01:35:06 Ericka Smith: yes
01:35:06 Kendra Edwards: Yes
01:35:06 Ali Semanision: Yes
01:35:06 Richard Nakaoka: Yes!
01:35:06 Daniel Luther: yes
01:35:06 Leslie Texas: yes
01:35:06 Luzviminda Malabanan: yes
01:35:06 Susan Troutman: yes
01:35:06 Rosalinda Cruz: yes,

01:35:06 Emily Volk: yes
01:35:06 Patty Blair: YES
01:35:07 rachel wingo: yes
01:35:07 Leslie Sorace: yes
01:35:07 Rehana Sultana: Avoid rushing algorithm, curiosity path, be more
prince, be a guide
01:35:07 Shannon Wall: YES!!!!!!
01:35:07 Maria Valencia Pena: Yes
01:35:07 Kristy Woody: yes
01:35:07 Ann Asaro: yerp
01:35:07 Lisa Caudle: Yes
01:35:07 Melissa Abdoo: yes
01:35:07 Sandra MacDonald: yes!!!
01:35:08 Bridget Schaefer: yes
01:35:08 Jennifer Smith: yes
01:35:08 Marie Hannon: yes
01:35:08 Maureen Harden: yes
01:35:08 Debra Carter: yes
01:35:08 Stephanie Burton: Yes
01:35:08 Elizabeth Birie: YES
01:35:08 Amber Scholl: yes
01:35:08 roya basu: yup
01:35:08 Bryan Buckingham: yes
01:35:08 Sara OConner: yes
01:35:08 Brandi Fleckenstein: Yes!
01:35:08 Heidi Nunes: Yes
01:35:08 Kristy Woody: yes
01:35:08 MEGAN SPEARS: absolutely!
01:35:08 Dawn Schulte: YesYes
01:35:08 Jasmine King: yes
01:35:08 Susan Lear: y
01:35:08 MELVIN BURNETT: yes!!!
01:35:09 Sandi Rasmussen: yes
01:35:09 Stacy Milas: it
01:35:09 Angie Stika: yes
01:35:09 Kathleen Cullen: yes
01:35:09 Sharon Bentkowski: Absolutely
01:35:09 Sreevelmurugan Vamadevan: Yes
01:35:09 Deanna Richardson: yes
01:35:09 Nannette Baker: yes
01:35:09 Elizabeth Birie: YES
01:35:09 Connie Hostak: Super job, guys!
01:35:09 Katie Martin: yes
01:35:09 Margaret Peretti: yes
01:35:09 Joy Kogut: yess!!!!
01:35:09 Tammy Gelenaw: yes
01:35:09 Denise Cruz: yes
01:35:10 Nina Tandle: Yes, for sure!
01:35:10 Johannah Wirzba: Yes!
01:35:10 Margaret O'Connell: yes

01:35:10 Amanda Aitken: Yes!
 01:35:10 Elizabeth Birie: YES
 01:35:10 Nadia Messadi: yes
 01:35:10 Rehana Sultana: yes
 01:35:10 Emma Farrow: Totally
 01:35:10 dana dulzo: yes
 01:35:10 Ashley Cusick: Yes!
 01:35:10 Elizabeth Hallahan: yes.
 01:35:10 Teresa Sutton: YESSSS
 01:35:10 Marcella Curry: yes
 01:35:10 Ann Asaro: yerp
 01:35:10 Lynnette Flannery: yes
 01:35:10 Karen Notestine: yes
 01:35:10 Stephanie Bell: yes!
 01:35:10 Luzviminda Malabanan: yes
 01:35:10 Kathryn Prater: Oh yea!
 01:35:10 Christina Siow Young: yes
 01:35:10 Janice Magauay: Yes!
 01:35:10 Kristine Barrett: Yes
 01:35:11 Rebecca Upchurch: yes
 01:35:11 Sherry *Bovey: yes
 01:35:11 Denise Quarles: yes
 01:35:11 Jacqueline Scott: yes
 01:35:11 Monica Roland: Thumbs up!
 01:35:11 Katrena Washington: yes
 01:35:11 Adrienne Jones: yes
 01:35:11 Rosie Barnes: yes
 01:35:11 Rebecca Dominguez: really enjoyed this
 01:35:11 Kelli Freiwald: yes
 01:35:11 Debra Loyd: yes
 01:35:11 CHERRITA ALLEN: YES!!
 01:35:11 Daniel Irving: Yes!
 01:35:11 Debbie Williams: yes
 01:35:11 Allison Miller: yes
 01:35:12 Amy Robinson: yes
 01:35:12 Michelle Silvia: Where are the walk through examples ??
 01:35:12 Christina Hall: Yes
 01:35:12 Lori Krebs: yes
 01:35:12 Dana Nelson: yes
 01:35:12 Lisa McGlothlin: Yes!!
 01:35:12 Stephenia Courtney: yes
 01:35:12 Lisa Travis: Oh YEAH!
 01:35:12 Amanda Hooks: yes
 01:35:12 Lauren Aragon: Yes
 01:35:12 Denesha Howell: YES
 01:35:12 Kelly Sanchez: yes!!
 01:35:12 Gloria Flores: Yes
 01:35:12 April Shelton: yes
 01:35:12 Kate O'Grady: yes
 01:35:13 Michele Elliott: Yes, Lots to think about!!

01:35:13 Kenneth Reigle: yes
01:35:13 Leslie Krefta: YES!!!!
01:35:13 Richard Nakaoka: No more learned helplessness
01:35:13 SAPNA SHARMA: Thank You so much
01:35:13 Cristy Holtzclaw: yes
01:35:13 Tina Hill: yes!
01:35:13 Sharon Black-MacKinnon: yes
01:35:13 Laura Thomas: yes
01:35:13 Kimberly Rimbey: partially
01:35:13 Mary Anne Opila: yes
01:35:13 Amy Kimball: yes
01:35:13 Elizabeth Chapman: yes
01:35:13 Kristy Woody: A million times yes
01:35:14 Mary Carver: yes!!
01:35:14 Karen Langford: helped us support students to own the learning
01:35:14 Darius Hatcher: Absolutely
01:35:14 Karen McGlade: Yes
01:35:14 Stephanie Matisiak: yes thank you!
01:35:14 Javier Carbajal: YES!
01:35:14 Elizabeth Hallahan: gonna try
01:35:14 Andrea Cadman: Agreed, a lot of work to do...
01:35:15 Sandhya Raman: totally yes
01:35:15 Bina Kachwalla: yes
01:35:15 Necole Atkins-Dowd: yes
01:35:15 Kelli Epperson: =yes
01:35:15 Suzanne Smith: yes
01:35:15 Tanja Solano: YES
01:35:15 Heather Ruiz: yep
01:35:16 John Sasko: Oui
01:35:16 Judith Florczak: yes
01:35:16 Stacy Milas: Yesssss!!
01:35:16 Kristin Thomas: yes
01:35:16 Tiffany Gallagher: yes
01:35:16 Clara Fuller: yes
01:35:17 Latrina Bowen: yes
01:35:17 Kerrie Becker: prince11
01:35:18 Beth Snoop: yes
01:35:18 Louise Phillips: yes
01:35:18 Catherine Anderson: yes
01:35:18 judy rigney: absolutely
01:35:18 Kim Rumfelt: yes
01:35:18 Elena Ouimette: Cannot wait to share these strategies with my peers!
01:35:18 Milagros Smith: YES
01:35:19 Tammy Eplion: yes yes
01:35:19 rachel wingo: yes
01:35:19 dana dulzo: yes
01:35:20 Archita Vaghasiya: Yes!!
01:35:20 Audrey Campbell: yes
01:35:20 Daniel Luther: yes
01:35:20 Teresa Sutton: Heck Yeah

01:35:20 Sondra Skaggs: Prince Yest
01:35:20 Rachel White: Thank you so much. This was very informative.
01:35:20 Susan Lear: y
01:35:20 Emma Farrow: Yes
01:35:20 Janice Holland: absolutely
01:35:20 Antoinette McLain: yes if you mean no rushing
01:35:20 Heidi Ross: Affirmative
01:35:21 Laura Goss: yes
01:35:21 Deanna Richardson: yes
01:35:21 Kathleen Cullen: yes
01:35:21 Allison Miller: yes
01:35:21 Bridget Donegan: Yes
01:35:21 Kelly Sanchez: yes!!
01:35:21 Ali Semanision: Yup
01:35:21 Sandi Rasmussen: yes
01:35:21 Allison Daniel: yes...
01:35:21 Tess Wills: Yes
01:35:21 Dana Nelson: yes
01:35:22 Jasmine King: yes
01:35:22 ROGER MILLER: yes
01:35:22 Sharon Black-MacKinnon: yes
01:35:22 Denise Cruz: yes
01:35:22 Tiffany Gallagher: yes
01:35:22 Lisa Caudle: Yes
01:35:22 Katie Martin: yes
01:35:22 Laura Thomas: yes
01:35:22 Maureen Harden: I can't wait to download the bundle.
01:35:22 Cruz Flores Vazquez: si
01:35:22 Tanja Solano: YES
01:35:22 Katie Gibson: yes
01:35:22 Kelli Freiwald: yes
01:35:22 Cristy Holtzclaw: yes
01:35:22 Amy Kimball: yes
01:35:22 Amy Robinson: yes
01:35:22 Portia Felder: Oh yes
01:35:23 Amanda Aitken: Yes!!!
01:35:23 Luzviminda Malabanan: yes
01:35:23 Sherry *Bovey: yes
01:35:23 Amanda Hooks: yes
01:35:23 MEGAN SPEARS: yes!
01:35:23 Tammy Gelenaw: absolutely
01:35:23 JOY PERKINSACOSTA: ye
01:35:23 Tracey Lamb: yes
01:35:23 Kendra Edwards: yes
01:35:23 Elizabeth Birie: KIND OF
01:35:23 Ghazala Manzoor: yyy
01:35:23 Marie Hannon: love it
01:35:24 Amber Scholl: yes
01:35:24 Nina Tandle: Well covered!
01:35:24 Marcella Curry: yes

01:35:24 Leslie Sorace: yes!!
 01:35:24 Amy Tuckwell: Yes!
 01:35:24 Brandi Fleckenstein: Yes!
 01:35:24 Denesha Howell: YES
 01:35:24 Audrey Campbell: yes
 01:35:24 Randy Ross: yes
 01:35:24 Joy Kogut: Yessssss!!!!
 01:35:24 Kelli Epperson: yes
 01:35:24 Susan Troutman: yes
 01:35:24 Elizabeth Hallahan: yup
 01:35:24 Heidi Nunes: yes
 01:35:24 Kimberly Rimbey: partially!!!!
 01:35:24 Mary Walker: yes, "failure" is a requirement not an option.
 01:35:24 Milagros Carbonera: yes
 01:35:24 Billie Donegan: Oh yeah!
 01:35:24 Luzviminda Malabanan: yes
 01:35:25 Stephanie Matisiak: yes!

 01:35:25 Jessica Lysholm: yes!
 01:35:25 Jacqueline Scott: yes
 01:35:25 Janice Magauay: yes!!
 01:35:25 Bridget Schaefer: yes
 01:35:25 Daniel Irving: Yes!
 01:35:25 Pam Darden: Yes!
 01:35:25 Mary Anne Opila: yes
 01:35:25 Christina Hall: Yes.
 01:35:25 Lisa Travis: yep
 01:35:25 Wendy Hoffhines: yes
 01:35:25 Archita Vaghasiya: Yes!!
 01:35:25 RACHEL FRAZER: Yes
 01:35:25 Denise Quarles: yes
 01:35:26 Michelle Webb: yes
 01:35:26 Debra Loyd: yes
 01:35:26 Gloria Flores: YEs
 01:35:26 Elizabeth Chapman: yes
 01:35:26 Priscilla Galliano: yes
 01:35:26 Christina Siow Young: yes
 01:35:26 April Shelton: yes
 01:35:26 Kenneth Reigle: yes
 01:35:26 Kim Arthur: I SO love the Learner's Journey visual and how that
 applies to math and life in general!
 01:35:26 Lynnette Flannery: yeyes
 01:35:27 Darius Hatcher: yes
 01:35:27 Judith Florczak: yes
 01:35:27 Sharlena Cooks-Fahngon: YEAH
 01:35:27 judy rigney: yes
 01:35:27 Clara Fuller: yes
 01:35:27 Kari Dawson: yes
 01:35:27 Antoinette McLain: yes
 01:35:27 Suzanne Smith: yes

01:35:27 Kimberly Rimbey: Love this!!!!
01:35:27 Monica Roland: Definitely!
01:35:27 Karen Notestine: yes
01:35:28 Linda Weyman: Yes!!
01:35:28 CHERRITA ALLEN: YES!!!
01:35:28 Wilma Fulgencio: yes
01:35:28 Abiola Rotimi-Ogunsola: Yes
01:35:28 Margaret Peretti: yes
01:35:29 Karole Van Nostrand: Definitely
01:35:29 Brynna Fisher: yes
01:35:29 Shannon Wall: YES
01:35:29 Linda Thommen: Yaaas
01:35:30 Randy Ross: yes
01:35:30 Tricia: yes
01:35:30 Connie Hostak: Ready to be the guide!
01:35:30 Sally Meyer: definitely!
01:35:30 Pam Darden: yes
01:35:30 Stephenia Courtney: yes
01:35:30 Kristy Woody: I just need the confidence for this now
01:35:31 Andrea Cadman: yes - ha ve to change MY mindset!!
01:35:31 Stacy Haines: Yes
01:35:31 Donna McClue: yes
01:35:31 amanda Helgerson: yes
01:35:31 Rosemary Sbrocca Auger: yes great ideas
01:35:31 Dawn Schulte: Yes!
01:35:32 Ashleigh Walton: yes
01:35:32 Ebony Baker: Yes
01:35:32 Sreevelmurugan Vamadevan: Yes
01:35:32 Jeanine Colwell: AMAZING SEMINAR
01:35:32 Bonnie Lee: yes this will take practice
01:35:32 Jean Nussle: amazing webinar. I have so much to learn.
01:35:32 roya basu: yup
01:35:32 Melanie Davis: Well done - love the handouts and resources.
01:35:33 Ann Asaro: Holy smokes
01:35:33 Catherine Anderson: Yes thank you both!!!
01:35:33 Rehana Sultana: yes
01:35:33 Mariana Soldini: YES
01:35:33 Stephanie Burton: Yes, I am the guide not the leader
01:35:33 Milagros Carbonera: yes
01:35:34 Irene Ramos: Yes
01:35:34 Kathryn Prater: Yall are awesome!
01:35:34 Rosie Barnes: Thank you
01:35:34 Kerrie Becker: be the guide, not the hero
01:35:35 Rosalyn Smith: yes
01:35:35 Ashleigh Walton: yes
01:35:35 Janice Magauay: We appreciate you, too!
01:35:35 Jocelyn Gabrinao: yes to all
01:35:35 Teresa Sutton: Thank you so much for these ideas!
01:35:36 Cindy Falla: yes
01:35:36 Rebecca Upchurch: yes great job

01:35:36 Kristin Thomas: yes
01:35:37 Stacy Milas: Absolutely!!
01:35:37 Pam Darden: YES!
01:35:37 Michelle Silvia: Thank you
01:35:37 Marla Aehlert: Thank you!
01:35:37 Sharlena Cooks-Fahngon: YEAH
01:35:37 Darlene Bailey: Teacher talk moves
01:35:37 Jason Wright: Thank you!
01:35:38 Beth Snoop: yea
01:35:38 Brynna Fisher: yes
01:35:38 Sharon Black-MacKinnon: thank you so much
01:35:38 Ashleigh Walton: yes
01:35:38 Cindy Luper: 🙌🙌🙌🙌🙌🙌🙌🙌
01:35:39 Karen Langford: very dynamic presentation Thank you!
01:35:39 Bryan Buckingham: yes
01:35:39 Bryan Buckingham: yes
01:35:39 Tammy Eplion: great presentation
01:35:40 Kevin LaBar: Wow! A Master class taught in an hour! Thank you.
Yes to reaching learning intentions
01:35:40 Ashleigh Walton: yes
01:35:40 Denise Quarles: Thank you!
01:35:40 Lori Linsmeyer: I am very eager to check out your websites and podcasts to learn more from you. Thank you for a great webinar! I appreciate you providing us this opportunity to learn.
01:35:40 JOY PERKINSACOSTA: yes thanks
01:35:40 Allison Daniel: yes...start small
01:35:41 Rosalinda Cruz: very informative
01:35:41 Jennifer Zane: Yes, thank you!
01:35:42 Javier Carbajal: GIMMIE!
01:35:42 Stacy Haines: Great Webinar
01:35:42 Kelly Sanchez: yes
01:35:42 Sharla Prebble-Riddick: Great
01:35:42 Vanessa Dakin Marin: Thank you!
01:35:43 Erin Ryan: yes!
01:35:43 Ashleigh Walton: yes
01:35:43 Darlene Bailey: yes
01:35:44 Kelli Freiwald: thank you!
01:35:44 Leslie Texas: Excellent session! Thanks for sharing
01:35:44 Irene Ramos: yes
01:35:45 Kristin Thomas: thanks
01:35:45 John Sasko: where is the symbol for prince on my keyboard?!
01:35:45 Jacy Niemeyer: less algorithm... more student thinking
01:35:45 Deanna Richardson: This was great! Thank you
01:35:47 Milagros Smith: I am so grateful for these webinars/workshops. These are GREAT!
01:35:47 Minh Novy: Yes! Thank you!!!
01:35:47 Bina Kachwalla: spray and walk away
01:35:47 Dawn Schulte: Thank you so much!
01:35:47 Edye Christopher: Thank you!
01:35:48 Konnie Guthrie: yesyes

01:35:48 Cindy Luper: 👍🙏
01:35:48 Gabrielle Gentile: Yes
01:35:48 Sandi Rasmussen: Thank you!
01:35:48 Amber Scholl: Yes please
01:35:48 Ashleigh Walton: thank
01:35:48 Michelle Silvia: I do
01:35:49 Danielle Bentley: This was so amazing! Thank you so much!
01:35:51 ALEX QUYENVO: i love to have my students struggle. i never stop
when they give me the correct answer, i just let them go... then i pull them ba
01:35:51 Denesha Howell: awesome webinar!
01:35:52 Jocelyn Gabrinao: Thank you!
01:35:53 Myra Collins: good presentation.= I hope to watch it again as the
ideas were flying.
01:35:53 Allison Daniel: appreciate the information
01:35:53 Dana Nelson: Thank you so much
01:35:53 Elizabeth Hallahan: deep dive
01:35:53 Pooja Balani: Thank You
01:35:54 ROER SHONDA: Yes, thanks!
01:35:54 Christine Rees: how does this work with limited time in math class?
01:35:55 Michael Lechuga: thank you
01:35:55 Gabrielle Gentile: Yes
01:35:55 Claire Dent: Yes! Do kids adapt to this reversal well?
01:35:56 Sondra Skaggs: This has been AWESOME!! Thank you so much
01:35:56 SAPNA SHARMA: Kyle and Jon i just loved it
01:35:56 371640: tthis was great learned a lot
01:35:57 April Thompson: Thanks
01:35:57 linda pratt: yes.awesome
01:35:57 India Puch: yes!!!
01:35:57 Janice Holland: our students are worth the time
01:35:57 Konnie Guthrie: yes
01:35:58 Sandra MacDonald: have my bathing suit on ready to dive
01:35:58 Michelle Silvia: I just want more examples
01:35:59 Margaret O'Connell: This reminds me of what I learned in school
- good to revisit and revamp y teaching
01:35:59 CHERRITA ALLEN: Can't wait to get your document!!
01:35:59 Kim Arthur: Insightful session!
01:35:59 Stephanie Schultz: This helped remind me of great strategies
and practices. I'm guilty of rushing students because I need to "get that content
covered".
01:36:02 judy rigney: love the spark
01:36:02 Gloria Carrasco: Amazing Energy, Thank You!
01:36:02 Sreevelmurugan Vamadevan: Very worthy presentation
01:36:03 Allison Daniel: I'm excited to talk to my team
01:36:04 Renee Catalano: be more prince
01:36:04 Archita Vaghasiya: Excellent!!! Wonderful Webinar
01:36:04 Sharlena Cooks-Fahngon: Thanks
01:36:05 Karen Walker: I want to let my kids be the hero
01:36:05 Michelle Silvia: How to??
01:36:05 Cindy Bryant: SFI...
01:36:09 Judith Florczak: I've always wanted to be more like Prince!

01:36:10 Amy Robinson: love the idea of 3act questions
 01:36:11 Michele Elliott: Yes, patience patience patience
 01:36:13 Ebony Baker: YEs
 01:36:13 Maureen Harden: Prince!!!!
 01:36:13 Amber Scholl: Be the guide, not the hero
 01:36:15 Rehana Sultana: Be the Guide
 01:36:16 MONICA TIENDA: Be More Prince
 01:36:17 BMcNeese: Letting students discover the algorithm
 01:36:17 Katie Gibson: let kids struggle!
 01:36:17 Kendra Edwards: Be more prince
 01:36:17 Jennifer Cronin: Stepping back and being a "guide"
 01:36:17 Bryan Buckingham: biggest takeaway: BE MORE LIKE PRINCE
 01:36:18 Ali Semanision: Hero's journey for math students
 01:36:18 Angie Stika: be more prince
 01:36:18 Elena Ouimette: #3
 01:36:18 Elizabeth Hallahan: take away. learn from the students.
 01:36:18 Kristine Barrett: allow for curiosity and to guide students
 01:36:19 Louise Phillips: Be the Guide not the Heror
 01:36:19 Bridget Schaefer: Be more prince
 01:36:19 Lina Lett: #4
 01:36:19 Rebecca Mitchell: the less information...let kids notice/wonder
 01:36:19 Jasmine King: Be More Prince
 01:36:20 Sharon Black-MacKinnon: be the guide not the hero
 01:36:20 amanda Helgerson: notice and wonder....
 01:36:20 Rebecca Dominguez: BREAK THE SCRIPT!!
 01:36:20 Michelle Gandy: Be more Prince!!!
 01:36:20 Josephine Snyder: Be the Guide, not the hero
 01:36:20 Ramona Quintero Caldera: To keep the curiosity as long as possible
 01:36:21 Melanie Davis: Guide not hero
 01:36:21 Randy Ross: Be the guide not the hero
 01:36:21 Rachel Hauser: PRODUCTIVE STRUGGLE
 01:36:21 Edye Christopher: We are the facilitator in the room
 01:36:21 Josie: the prince analogy
 01:36:21 Marie Hannon: I am the guide not the hero
 01:36:22 Erin Ryan: Be the guide, not the hero!
 01:36:22 Kimberly Rimbey: Biggest Take-away: The learner's journey
 01:36:22 Kelli Epperson: Be more like Prince!! He was a genius
 01:36:22 Melissa Miller: The curiosity path
 01:36:22 Cindy Luper: We are not the hero, we are the guide. love that
 01:36:22 Joy Kogut: My biggest take away was #3: Be more Prince!!!!!!!!!!!!
 01:36:22 Tricia: Withhold information
 01:36:22 Beth Kobett: Thank you! This was wonderful!
 01:36:22 Kelli Freiwald: love the donut thing
 01:36:22 Katie Gibson: guide their struggle
 01:36:22 J Urbanek: Spark the intrigue and avoid the algorithm
 01:36:22 Tracey Lamb: The Prince strategy - moving from image to conceptual
 01:36:22 Stephenia Courtney: prince baby #3
 01:36:22 Jennifer Smith: Struggle is important to students becoming problem

solvers

01:36:22 Mary Dugas: mORE TO COME
01:36:22 Joseph Wood: Give the all access pass
01:36:23 Heather Ruiz: Being the guide not the hero was awesome
01:36:23 Elena Ouimette: #4
01:36:23 Gabrielle Gentile: Npt ne the keeper of knowledge
01:36:23 Maureen Harden: Love the symbol of Prince
01:36:23 Elizabeth Ruiz: Be the Guide not the Hero!
01:36:23 Gunnar Guttormsen: Avoid rushing to algorithms
01:36:23 amanda Helgersen: 3 act task
01:36:23 Cherri Wilson: Be the Guide, not the Hero
01:36:23 Luisa de Carteret: Be more prince! #3
01:36:24 Kelly Sanchez: Be the guide, it's ok to let them struggle
01:36:24 Mary Walker: struggle is real
01:36:24 Amy Kimball: Guide not here
01:36:24 Milagros Smith: Flipping the classroom is the say to go!
01:36:24 Shauna Brown: #4
01:36:24 Amy Tuckwell: Avoid the algorithm - that was totally how I teach!
And I don't want to do that anymore!
01:36:24 Allison Daniel: CREATE productive struggle
01:36:24 Portia Felder: The REAL flipped classroom
01:36:24 Teresa Sutton: Conceptual Teaching ALL The WAY
01:36:24 SARAH AMBEAULT: My biggest take away, is to be the guide!
01:36:24 Laura Cranmer: biggest takeaway is I need to be a guide
01:36:25 Courtney Otubuah: be more prince
01:36:25 Nadia Messadi: build curiosity
01:36:25 Daniel Luther: Be the guide, not the hero!
01:36:25 Sreevelmurugan Vamadevan: Knowledge
01:36:25 Elena Ouimette: #1
01:36:25 Tanja Solano: AVOID THE RUSH & NOT BEING THE HERO
01:36:25 Andrea Cadman: BE THE GUIDE, NOT THE HERO!!
01:36:25 Linda Ng: Avoid the rush to the algorithm
01:36:25 Rachel White: Avoid rushing to alogorithm
01:36:25 Gloria Flores: Provide Productive Struggle
01:36:26 Sandhya Raman: don't rush the algorithm!
01:36:26 Hsiao-Ting Chiou: curiosity
01:36:26 Gary Stewart: ways to engage with students
01:36:26 Melissa Abdo: Biggest takeaway was BE MORE PRINCE!
01:36:26 Lori Linsmeyer: I love the statement of planning with problem solving in the forefront.
01:36:26 Pip Arnold: prince
01:36:27 ROGER MILLER: excellent social and emotional building for life's challenges
01:36:27 Grace Vaught-Smith: That I'm heading in the right direction and to trust and continue not to rush the algorithm
01:36:27 Heidi Ross: I need to be more like Yoda
01:36:27 Laura Thomas: Be more Prince
01:36:27 Dawn Hogan: Struggle is good!!
01:36:27 Kenneth Reigle: let students struggle
01:36:27 Denise Quarles: memorable moments

01:36:28 Antoinette McLain: be the guide, not the hero!!!!

01:36:28 Adrian Chavez: Withhold info!! Act like it is 1999 aka Prince

01:36:28 Billie Donegan: Hero's Journey - I want students to be the heroes!

01:36:28 India Puch: Be the guide, not the hero

01:36:29 Mariana Soldini: #2

01:36:29 Ashleigh Walton: Making moments

01:36:29 Karen Reodica: Be more prince!!!

01:36:29 rachel wingo: Biggest takeaway, Be the Guide

01:36:29 Philomina Lawson: avoid the algorithm

01:36:29 Jason Yoder Rupp: build to climax

01:36:29 Lisa Caudle: The Hero's Journey analogy fits learning exactly

01:36:29 Renee Catalano: I think all three together of the first 3

01:36:30 Heidi Nunes: Don't be a spoiler. Make them work for it.

01:36:30 Lynn Clark: Spark the curiosity!

01:36:30 Lisa Travis: Create anticipation

01:36:30 Sharon Bentkowski: Not spoon feeding students

01:36:30 Elena Ouimette: #2

01:36:30 Amber Scholl: Building the suspense and taking the time is so important

01:36:30 Jaleesa Sampson: i flip my class but i want to do a real flip and start with a struggle

01:36:30 Emily Volk: be more prince

01:36:30 Jasmine King: Avoid the rush to algorithm

01:36:30 Brian Nussbaum: Be more prince

01:36:30 Marcella Curry: How to get my Algebra 2 students to think rather than memorize

01:36:30 Jeanetta Glass: be the guide not the hero

01:36:30 Sandi Rasmussen: With hold enough information to create curiosity.

01:36:31 Bonnie Lee: notice and wonder biggest take away

01:36:31 Anne Schmidt: Love the parallel to hero

01:36:31 Erin Unruh: Avoid the rush to the algorithm

01:36:31 Myra Collins: Not to give kids too much support. The struggle is important

01:36:31 Ashlyn Flock: Focus on the students doing the critical thinking

01:36:31 Vesta Mizell: I was doing it right already lol

01:36:31 MELVIN BURNETT: Be more prince

01:36:32 Priscilla Galliano: Let's give the kids productive struggle!

01:36:32 Shannon Wall: Take the algorithms away and help the kids struggle

01:36:32 Candida Arthur: I need to guide the students

01:36:32 Christina Hall: Giving students the time to struggle on their own without giving the up front skills.

01:36:32 Karen Walker: LET kids be the hero

01:36:32 Teresa Sutton: Productive struggle is a must

01:36:33 Paul Lavery: from concept to abstract

01:36:33 Lina Lett: #4

01:36:33 Angela Tseng: Be the Guide, not the hero! to truly FLIP the classroom

01:36:33 Mary Anne Opila: progressive struggle...

01:36:33 Judith Florczak: I love the Prince analogy from Concrete to

visual to abstract

01:36:33 Caitlin McNeil: Let the students do some productive struggle, then consolidate!

01:36:33 Allison Daniel: Anticipation

01:36:33 judy rigney: biggest takeaqay was inspiration to provide the spark

01:36:34 JUDY DUNMIRE: This is good stuff! Thank you!

01:36:34 Kate O'Grady: A lot of this relates to Montessori methods and would work excellently in my school

01:36:34 Karen Notestine: Being the guide

01:36:34 Margaret Peretti: Being the guide

01:36:34 Kristine Barrett: be the guide

01:36:34 Ebony Baker: The benefits of not pre-teaching

01:36:34 Nannette Baker: Use introductory tasks to open thinking for establishing concrete concepts

01:36:34 Tammy Gelenaw: idea of keeping students as curious as possible because the struggle is what creates the value

01:36:34 Katie Ingram: i majored in film production for two years first and i need to rely on some of that understanding to teach mathbetter

01:36:34 Veronica Kwok: I need to stop underestimating my students and stop listening to other people

01:36:34 Johannah Wirzba: My biggest take away is to make sure NOT to take away the productive struggle!!!

01:36:34 Amanda Hooks: Productive Struggle is good!!

01:36:34 Lana Bunning: stop PRE teaching!

01:36:34 Deanna Richardson: Go from concrete to abstract! We are the guides

01:36:34 Denise Leal: Allow more discovery.

01:36:34 Ann Maas: Giving students time to struggle

01:36:35 Melanie Davis: Productive struggle

01:36:35 Janice Holland: #4

01:36:35 Rebecca Upchurch: Let students have productive struggle

01:36:35 Connie Hostak: As an ELA teacher going into math, I'm taking the hero's journey as they learners journey!

01:36:35 Patty Blair: guide not hero

01:36:35 Suzanne Smith: Be more Prince

01:36:35 Shauna Brown: 4 & 3

01:36:36 RACHEL FRAZER: That students need productive struggle in order to become problem solvers.

01:36:36 Diane Anderson: #4

01:36:36 MEGAN SPEARS: be the guide and continue to think about the curiosity path!

01:36:36 Milagros Carbonera: Be the guide not a hero

01:36:36 Alicia Madsen: Work like Prince

01:36:36 Darlene Bailey: Like the Prince reflection! For concrete pictorial abstract

01:36:36 Allison Miller: stop preteaching; allow students to discover

01:36:36 Elizabeth Melvin: Be more Prince, not give away the algorithm, symbols, etc first. Giving the concepts first and having them struggle to understand and get there!!

01:36:36 Leslie Sorace: My biggest take away was to step back and let students learn they way they are ment to

01:36:36 Litha Sonner: "be the guide, not the hero"... this is my biggest take away... I am guilty of trying to be the hero.

01:36:36 Kristy Woody: To not rush to the Algorithm. TO let students use productive struggle

01:36:36 Robin Williams: Struggle = Success

01:36:36 Joy Kogut: I feel #3 really will help my students

01:36:37 Stephanie Burton: Be the guide and spark curiosity

01:36:37 Jason Wright: Avoid the rush to algorithm, I do that too much.

01:36:37 Ashleigh Walton: making moments

01:36:37 Javier Carbajal: Make movies like Pixar. Build them up so they are always engaged and be their guide vs their answer.

01:36:37 Charlotte Auen: I'll hang onto the idea of sustaining curiosity to get students to attribute more value to what they're learning.

01:36:37 Elena Ouimette: all of them!!!!

01:36:37 Pam Darden: DON'T RUSH THE ALGORITHM!

01:36:37 Susan Lear: Avoid the rush to the algorithm by guiding students to it

01:36:37 Katie Milligan: Let students struggle, let them explore/be curious

01:36:37 Kristin Thomas: Curiosity Path

01:36:37 Lisa McGlothlin: Withholding Information - Update your prediction, stay curious

01:36:37 Gloria Carrasco: Avoid the rush to the algorithm

01:36:37 Stephanie Izzard: Using manipulatives to move from concrete to visual to abstract and the importance of linkingthem

01:36:38 Amy Robinson: don't rush to the algorithm

01:36:38 Rosie Barnes: make math moments matter

01:36:38 Sreevelmurugan Vamadevan: Curiosity

01:36:38 Kimberlee Margosian: I am giving my students questions they never asked. It needs to be interesting and relevant. It needs to be accessible and it needs to be captivating.

01:36:38 Kelli Freiwald: don't rush to the algorithm

01:36:38 Ann Marie Nee: have students think before we give the algorithm

01:36:39 Kari Dawson: finding ways to not rush to the algorithm...guilty!

01:36:39 Jennifer White: "We plan our lessons under the assumption that kids can't or won't think" Peter Lilijedahl

01:36:39 Kathryn Prater: Not teaching the algorithm first! This is a BIG change.

01:36:39 Debbie Williams: Be the guide, not the hero.

01:36:39 Jennifer Heldenbrand: Turn the Hero's Journey into the Learner's Journey

01:36:39 Minh Novy: spark curiosity

01:36:39 Janice Magauay: #4 Be the guide, not the hero

01:36:39 Debra Carter: be the guide and not the hero

01:36:39 Debra Loyd: Let the students struggle to find meaning

01:36:40 Elizabeth Birie: Biggest take away - stop killing the curiosity

01:36:40 Ginger Miller: Be the guide, not the hero. Love that

01:36:40 Karen Walker: let kids be hero

01:36:40 Jenelle Lanham: Low floor, high ceiling
01:36:40 Michelle Silvia: Being the guide is more impressive than
being the hero
01:36:40 371640: have the kids figure it out
01:36:40 Nora Chase: Be Quiet, let them do it.
01:36:40 John Sasko: Definitely BE MORE PRINCE because it is so true
01:36:40 Ashleigh Walton: making moments
01:36:41 MONICA TIENDA: Be Obi-Wan
01:36:41 Kerrie Becker: Be More Prince - concrete to visual to symbolic
01:36:41 Stacy Haines: Biggest take away was starting with concrete not
abstract
01:36:41 Faith Valentine: To all students to have time to work with a
problem before jumping in and teaching them.
01:36:41 Denise Cruz: My favorite is guide through the struggle to create
value. I think I am going to use that for the Moto next year. Together with current
of it is ok to make mistakes.
01:36:41 Michele Elliott: Back off... let them learn
01:36:42 Nadia Messadi: Built curiosity
01:36:42 Darius Hatcher: #1
01:36:42 Necole Atkins-Dowd: Be more prince
01:36:42 Michael Perkins: create the curiosity path - withhold
information, anticipation, notice and wonder, estimation
01:36:43 Monica Roland: Engaging student curiosity and designing lessons
that encourage student thinking!
01:36:43 Andrea Cadman: Out-wait them!!
01:36:43 Michelle Webb: my biggest take away is going from concrete to
abstract and flipping
01:36:43 Lynda Krivansky: Reframe lessons so students are the stars
and we are the directors
01:36:43 Leslie Krefta: Don't end the struggle too soon...get the kids to
think..how they need to think!
01:36:43 Mary Johnson: create the spark
01:36:43 Deanne Wah: Biggest takeaway: to spark the children's curiosity
through engaging visual questions and creating an experience that is meaningful so
that the students can grapple with it
01:36:43 Amber Scholl: Taking your time and establishing curiosity
01:36:43 Ximena Sloane: #2 Notice and wonder
01:36:44 Sandra MacDonald: deeper understanding of reason for
withholding in fo
01:36:44 Kimberly Biniiecki: Be the GUIDE, not the HERO...I am not the SAGE
on the STAGE, but the facilitator
01:36:44 DawnMarie Gaghan: allow students to be the hero
01:36:44 Lesly Brown: Make the students think more while you do less
talking.
01:36:44 Emily Lewis: Some tools to add to my toolbox to make learning
more concrete and flip the script for our students!
01:36:44 Stephanie Bell: Allowing students to struggle and not rushing the
algorithm
01:36:45 Ashleigh Walton: making moments
01:36:45 Bette Barkley: guide not hero

01:36:45 Leslie Texas: The Real Flipped classroom
01:36:45 Tedra Heron: The guide not the hero tool, that I have been giving away the plot to math! No one wants to watch that movie. :)
01:36:45 Jordan Reed: Students should be on the edge of their seats. I am OBI
01:36:45 Cindy Bryant: Everything was wonderful!
01:36:45 Molly Moore: There is a way to get kids involved in their own learning, that struggle is ok
01:36:45 Katie Gibson: ooooh I want this!!
01:36:45 Jaime Pacilio: Let the student be the thinker. Stop just telling kids what to do and then wondering why they do not retain it. Make em think!
01:36:45 Ann Asaro: Prince prince prince. I can't wait to share this wonderful metaphor/analogy.
01:36:46 anjana tihaiya: stop pre teaching, listening and observing
01:36:46 Kate Luker: My biggest take away is to encourage curiosity the whole way through the lesson by withholding just enough information.
01:36:46 Allison Daniel: withhold information
01:36:46 Rachel Freid: Be More Prince-help lead the students from the conceptual to the symbol
01:36:46 Dana Nelson: That my intro question should lead to a task maybe not my lesson "speech"
01:36:47 Jasmine King: be the guide, not the hero!
01:36:47 Chi-Man Ng: I love the Be More Prince strategy
01:36:47 Dawn Schulte: Curiosity Path for planning
01:36:47 Alicia Madsen: Be the Guide
01:36:47 Steven Cox: Notice and wonder
01:36:47 Tricia: Use notice/wonder
01:36:47 amanda Helgerson: more anticipation
01:36:47 Tess Wills: Keeping kids curious is more important than them learning how to use the algorithm.
01:36:47 Amanda Aitken: My biggest takeaway is to lead with curiosity for students to explore content.
01:36:47 Wendy Hoffhines: I am not the hero in the story of math class...I am the guide, the students are the heros
01:36:48 Paul Lavery: don't tush the algorithm
01:36:48 Stephanie Matisiak: Let the kids struggle. it's productive. Most of the struggle I was used to seeing was NOT productive, but I feel like I could do better now.
01:36:48 Allisa Davis: My biggest take away is to allow students to have productive struggle.
01:36:48 Jessica Lysholm: My biggest take away is the idea of withholding information to increase the anticipation to increase engagement and curiosity
01:36:48 Amber Scholl: don't be the hero
01:36:48 Candida Arthur: do not rush to the algorithm
01:36:48 Vanessa Dakin Marin: How to step back and let the students do the thinking. Know that they are more than capable of doing so.
01:36:48 Linda Thommen: Be Prince!
01:36:48 Tiffany Gallagher: Be the guide not the hero...really resonated with me and the analogy with the superhero concept. Not being the sage not the

stage but the guide on the side

01:36:48 Nina Tandle: My biggest takeaway is that I need to really take a step back. I've been trying to be the hero when I really need to just be the guide.

01:36:49 Karen Walker: let kids be the hero

01:36:49 Daniel Seif: avoiding the rush I need to be more patient with my students

01:36:49 Audrey Campbell: My biggest take away is spark curiosity

01:36:49 Aya Zvaigzne: I am the super guide :-) while my hero blessings dance to prince (subway gawdzz dance party)

01:36:49 Ashley Roberts: don't give students the answers the question they didn't ask!

01:36:49 Emily Kavanagh: #3 definitely

01:36:49 Brynna Fisher: using the curiosity path

01:36:49 Brandi Fleckenstein: Be the guide in their productive struggle.

01:36:49 Adrienne Jones: Be more Prince - stay away from symbols at the beginning

01:36:49 Warren Ledbetter: Engage the students curiosity

01:36:49 Polly Kimminau: allow students to struggle!

01:36:49 Tamikia Greene: Curiosity path and strategy 3 break down

01:36:49 Melissa Curran: I have to avoid the rush to the algorithm, even it is easier!

01:36:49 Amy Robinson: like the heroes story

01:36:49 Michele Eyler: Sparking curiosity is the key to engaging students.

01:36:49 Karole Van Nostrand: Build Curiosity.

01:36:49 Andrew Tyler: Spark Curiosity, Fuel Sense Making, and Ignite Your Next Move

01:36:49 Kristen Hooker: I want my classroom to look like the Guide graph and keep them more engaged!

01:36:50 Cindy Falla: Biggest Take away curiosity pathway

01:36:50 Emma Farrow: My biggest takeaway is that we need to go from concrete to visual to abstract.

01:36:50 Jennifer Tyche: With hold information

01:36:50 Clara Fuller: Big take away-change on how to teach math not old way

01:36:50 Daniel Irving: #1 DO not rush to the algorithm.

01:36:50 Joseph Townson: PRODUCTIVE STRUGGLE

01:36:50 April Shelton: To stop being the hero and allow students to productively struggle

01:36:50 Sandra Silva: kids need to struggle!!!! let them think

01:36:50 Lori Linsmeyer: I also like the estimate, update estimates with more information being revealed.

01:36:50 Rebecca Dominguez: don't RUSH TO THE ALGORITHM. STOP TALKING SO MUCH AND STAR LISTENING

01:36:50 Lana Bunning: I keep assuming students don't know anything its not true

01:36:50 Joy Kogut: Stop pre-teaching!

01:36:51 Danielle Bentley: The biggest take away was the NEW flipped classroom! I loved it!

01:36:51 Elizabeth Gentes: I am moving into a department head role next year. I have been doing this in my own room, but next year am responsible for

convincing an entire department to do it!! This would be INSANELY helpful to help me convince them

01:36:51 J Urbanek: Spark interest first and avoid the algorithm. I am guilty of the algorithm too early.

01:36:51 Kenneth McKee: Be the hero not the guide

01:36:51 David Drembus: don't be the sage on the stage; don't be the person who just imparts knowledge.

01:36:51 Portia Felder: the productive struggle is REAL

01:36:51 Archita Vaghasiya: I like the curiosity path!

01:36:51 Brittney Melnick: Biggest Takeaway: let students struggle and learn to let yourself go as a teacher... as you said, it really is more about guiding than leading! To listen to them - truly - about what they need and how to succeed

01:36:51 Sharee Davis: Biggest take away-create a productive struggle.
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01:36:52 Abiola Rotimi-Ogunsola: I want to be a guide and not come home exhausted daily More knowledge to my students

01:36:52 Ashley Cusick: productive struggle

01:36:52 Maggie DeCorah: Making the students learning a story/adventure

01:36:52 Tiffany Cimolai: Avoiding the rush to the algorithm - how to spark curiosity and keep the productive struggle going!

01:36:53 Mark Phipps: Let them struggle. Don't rescue them with a rush to the algo...

01:36:53 Bina Kachwalla: Be more prince was my take away, giving productive struggle and spray and walk away

01:36:53 Katie Ingram: i have been trained poorly and need to reframe my teaching

01:36:53 Lara Sawamukai: Avoid the rush to the algorithm! It is so hard to keep that in mind!

01:36:53 alfredo Vidal: Don't rush the algorithm

01:36:53 Kristin Asa: Thank you!

01:36:54 Judith Florczak: Need to integrate this into the format I already use

01:36:54 Karen Walker: let kids be the hero

01:36:54 Jeanine Colwell: not preteaching

01:36:54 Luzviminda Malabanan: Give students the struggle time in order to appreciate and think deeper in their Math class.

01:36:54 Carmela Minckler: Exploration from concrete to visual then to conceptual.

01:36:55 Ashleigh Walton: making moments

01:36:55 Sahar Alkhatib: I need to get students involved in the discover of the topic, ask questions and get involved in their learning. Instead of me doing everything.

01:36:55 Karen Reodica: Make math moments matter!!!

01:36:56 Christina Tully: I like the idea of shifting our productive struggle structure

01:36:56 CHERRITA ALLEN: How important it is to not rush! Students are naturally curious if we present the opportunity!!

01:36:56 Jennie Brown: Students should be thinking through the problems and we need to spark their curiosity

01:36:56 judy rigney: let the students struggle!

01:36:56 Ann Wycoff Bagshaw: The biggest take away is planning ahead of time how to design activities that spark activity that aligns with state standards and also give kids the "why" they are learning the topics

01:36:56 Kathryn Del Prete: have to get students to think first without just giving them the answers

01:36:56 Stephanie Waterman: I need to keep students curious as long as possible so they can feel the productive struggle

01:36:56 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:36:56 Ashleigh Walton: making moments

01:36:57 Louise Phillips: Prince

01:36:57 Shauna Ianson: relating learning to the hero's journey, storytelling as part of learning in math and problem solving as part of confidence building.

01:36:57 peter zirnis: you 2 are the best

01:36:57 Latrina Bowen: Notice and wonder to help build curiosity and make sense of understanding

01:36:57 Chelsea McIntyre: #3 be more Prince! yessss ready to dive deep!

01:36:57 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:36:57 Ashleigh Walton: making moments

01:36:57 Kim Arthur: My biggest take away is the visual of the Learner's Journey and how to apply that to student learning. G

01:36:57 Kristen MacDougall: be the guide not the hero

01:36:58 Alicia Madsen: Teach them to enjoy the journey

01:36:58 Robin Schwartz: ernmnmnmnmnmnmnhevqjfhvjwqfjvjqvef THE Power of Moments

01:36:58 Laura Warrington: building suspense!

01:36:58 Anna Clarissa Regala: Be more prince

01:36:58 Billie Donegan: I want to be Obi Wan, not the hero

01:36:58 Ericka Smith: Notice and wonder how students are learning and give them that all access pass

01:36:58 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:36:58 Ashleigh Walton: making moments

01:36:59 Sara OConner: Biggest take away.... not pre teaching... keep them wondering questioning interrested

01:36:59 Ruth Guenther: Be More Prince...

01:36:59 Leslie Sorace: Great job!

01:36:59 Cindy Luper: Hold the suspense and continue the tension so students are continually engaged

01:36:59 Anne Feeney: I can and will find ways to engage ALL of my students.\

01:36:59 Joseph Kantrowitz: get rid of the tests and allow teachers to be more creative. Let us spend more time making math discourse

01:36:59 ALEX QUYENVO: my take away is LET THE STUDENTS STRUGGLE and that is how they will learn , remember things btter

01:36:59 Ashleigh Walton: making moments

01:36:59 Bridget Donegan: I love the idea of "being more Prince"- it's

an idea I can explain directly to my kids. Experience the math!

01:37:00 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:37:00 Sherry *Bovey: Wait on the algorithm.

01:37:00 Sandra MacDonald: not rushing to algorithm for sure

01:37:00 Ashleigh Walton: making moments

01:37:00 Linda Criniti: biggest takeaway is the idea of productive struggle and it's ok to let them think

01:37:01 Allison Daniel: BE the GUIDE

01:37:01 Rosalinda Cruz: Be the guide not a hero

01:37:01 Megan Day: #4 - I love the idea of relating this to ELA and it makes sense that the struggle will make learning more meaningful

01:37:01 Pam Darden: PRODUCTIVE STRUGGLE ROCKS!

01:37:01 Lynda Krivansky: Withhold information to spark curiosity

01:37:01 Ashleigh Walton: making moments

01:37:01 Karen Walker: let kids be the hero

01:37:01 Amber Scholl: Don't rush to the algorithm

01:37:01 Lisa Kowalski: Be the guide not the hero

01:37:02 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:37:02 JOY PERKINSACOSTA: creat memorable moments

01:37:03 Ashleigh Walton: making moments

01:37:03 Patty Blair: prince to symbol pattern

01:37:03 Stacy Bahns: Toss the teacher guide!

01:37:03 Margaret Peretti: be the guide

01:37:03 Staci Brock: Building the anticipation of a problems by withholding some info

01:37:03 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:37:04 Amy Robinson: need to learn more desmos

01:37:04 Necole Atkins-Dowd: concrete to visual to abstract for inquiry

01:37:04 Randy Ross: Be the guidenot the hero

01:37:04 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:37:05 Kenneth McKee: be the guide not the hero

01:37:05 Ashleigh Walton: making moments

01:37:05 Susan Troutman: Be more prince

01:37:05 Christopher Abbott: Avoiding the rust to give the algorithm and not be the hero, be the guide

01:37:05 Claire Dent: Withhold some information. wait on the kids. Don't be the hero.

01:37:06 rachel wingo: Making the moments

01:37:06 Sharla Prebble-Riddick: My take away was giving the students a way to evaluate and discover the concept

01:37:06 Pooja Balani: Let student struggle- Productive struggle helps

01:37:06 Ashleigh Walton: making moments

01:37:06 MONICA TIENDA: Be More Prince & Obi-Wan

01:37:06 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:37:06 Stephenia Courtney: When Doves Cry

01:37:06 Karen Walker: let kids be the hero

01:37:07 Stephen Schrader: Don't teach, guide

01:37:07 Ashleigh Walton: making moments

01:37:07 ROER SHONDA: Don't be the hero!

01:37:07 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!

01:37:07 Christine Blake: I love be the guide not the hero, I'm Dory just keep swimming

01:37:08 Ernie Toth: Let the students struggle on something they find interesting.

01:37:08 Ashleigh Walton: making moments

01:37:08 Jacy Niemeyer: less algortithim... more student thiniing with access and mbe more prince and guide

01:37:08 Kevin LaBar: Teach don't lecture my take away

01:37:08 Jasmine King: be more prince

01:37:09 Veronica Kwok: Limiting information! Don't try to rescue them!

01:37:09 Ashleigh Walton: making moments

01:37:09 Robbie Dillard: creating gap knowledge is a good thing.

01:37:10 Aya Zvaigzne: Thank you

01:37:10 michael Lanstrum: Give the students time to wonder and think *and explain) their thinking.

01:37:10 Maria Valencia Pena: Create anticipation on every lesson for students to notice and wonder as they estimate and have that moment that sticks for life

01:37:10 Rachel Freid: I also need to step back and let the students have more productive struggle time

01:37:10 Bridget Schaefer: be more prince

01:37:10 Polly Kimminau: productive struggle

01:37:10 Brion Peterson: This supports my ideas and I can use this when speaking to my coteacher.

01:37:10 anjana tihaiya: paart of the 1st startgey

01:37:10 Ashley Roberts: Productive struggle builds a math moment

01:37:10 J Urbanek: Spark intrigue first and avoid algorithm. I am guilty of algorithm too early

01:37:10 Renee Catalano: Really liked the context less problems to draw students in

01:37:10 CHERRITA ALLEN: Great Job!!

01:37:10 Karen Reodica: Make math moments matter!!!

01:37:10 Jennifer Hinrichs: connecting tools and representations

01:37:10 Marissa Bay: THIS IS AWESOME! Make the moments!!!

01:37:11 J Urbanek: .

01:37:11 Cruz Flores Vazquez: Definitely biggest take away was being the guide, not the hero. I have always given students a chance to learn on their own, would end up frustrated and trying to save it

01:37:11 Amber Scholl: use the manipulative for concept building

01:37:11 Meghan Bliss: my biggest takeaway is gratitutde for the curriculum I have and the leadership at my school who supports the flipped classroom model you talked about!

01:37:11 Ashleigh Walton: vmaking moments

01:37:11 Elizabeth Chapman: I loved the hero journey is a learners

journey, I've always been a huge fan of productive struggle
 01:37:11 Catherine VanNetta: Give less information in problem solving to promote curiosity.
 01:37:12 peter zirnis: best workshop ever
 01:37:12 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!
 01:37:12 April Thompson: Be more like THE PURPLE ONE
 01:37:12 Stephanie Schultz: create productive struggle! Don't rush the algorithms
 01:37:12 Ramona Hall: don't rush
 01:37:12 Denesha Howell: productive struggling and curiosity be the guide
 01:37:12 Saundra Davis: The graphic showing the clima. The teacher is the guide to help students as they struggle along the way.
 01:37:12 Kerrie Becker: my next step - checking out your websites
 01:37:12 Tess Wilson: Be the guide
 01:37:12 Ashleigh Walton: making moments
 01:37:12 Stacy Milas: #3 concrete to visual to symboo
 01:37:12 Myeesha Jones: spark curiosity with a real Life problem either hands on or video
 01:37:12 Karen Reodica: Make math moments matter!!!
 01:37:13 Cecilia Lopez: #4
 01:37:13 Jean Nussle: ibiggest takeaway I CAN do this and be a great teacher for my kids.
 01:37:13 Karen Wiggins: My biggest take away is the prince analogy. I am rushing to the algorithm and I will work hard to give that back to the students
 01:37:13 Randy Ross: Be the guide not the hero
 01:37:13 Judith Florczak: look forward to checkig out the website
 01:37:13 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!
 01:37:13 Jolene Peterson: AVOID rushing to the4 ALGORITHM. So important for all teachers, but not how practiced.
 01:37:13 Shari Kaku: Yes concrete to connections. Love it
 01:37:13 Rowena West: I would use the mystery to make my student anticipate
 01:37:13 Tami Kreft: Do not give all the information right away, provide a
 01:37:13 Carma Douglas: to withhold to increase curiosity!
 01:37:13 Ashleigh Walton: making moments
 01:37:13 Sharlena Cooks-Fahngon: you kept the info short, simple and straight to the point. Increased my motivation
 01:37:14 Michelle Bourgeois: love
 01:37:14 Jeff Koenig: Math is not a race to the finish. As a true marathon it takes training and context. Make math moments. Woot!
 01:37:14 Stacy Haines: uu
 01:37:14 Ange Kendall: be more prince
 01:37:14 Karen Walker: let the kids be the hero
 01:37:14 Kim Ellis: To use more manipulatives and less preteaching
 01:37:14 Elizabeth Melvin: Be more Prince!! Get the understanding and then the symbols!!!
 01:37:15 Tammy Eplion: Be the guide, not the hero. It makes total sense

thinking about addressing the math using a plot diagram. Give the learner control

01:37:15 Ashleigh Walton: making moments

01:37:15 Virginia Driscoll: This process is going to fundamentally change the way I teach

01:37:15 amanda Helgerson: powerful moments

01:37:16 Rita Shamrock: Allow students to be curious

01:37:16 Ashleigh Walton: making moments

01:37:17 Katie Martin: Be the guide not the hero! Often with test scores and things, we jut tell them how to do it, but it really does not help them remember things. being the guide allows them to learn and find a way to make things memerable

01:37:17 Maurice Levy: Biggest take away is to be like prince. Provide the tools for thinking and representing thinking

01:37:17 Rehana Sultana: Be the Guide

01:37:17 Karen Reodica: Make math moments matter!!!

01:37:18 Julian Embrey: My biggest takeaway was the first strategy because so many math teachers are so use to using algorithm.

01:37:19 SARAH AMBEAULT: We don't need another hero

01:37:20 dana dulzo: stop pouring into thier brin, let them use thier brain

01:37:20 Jacqueline Scott: My biggest take away was that I need to be a guide which will help my student think their way through a probem

01:37:20 Zuleika Jackson-Jones: Create the experience and anticipation

01:37:22 Gloria Flores: how about the certificate

01:37:26 Jaime Pacilio: Happy for you Marie

01:37:26 Lisa Caudle: Congratulations, Marie.

01:37:27 Michelle Webb: also don't rush the algoritihm

01:37:27 Jasmine King: Congrats, Marie!!!

01:37:28 Christina Hall: Congrats Marie!

01:37:28 Leslie Krefta: congrats marie!!!

01:37:29 Ali Semanision: Thanks!

01:37:29 Kristen MacDougall: Wonderful, Marie!

01:37:29 Erika Swinemer: concrete to visual to symbolic - great analogy with Prince

01:37:33 MEGAN SPEARS: congrats!

01:37:34 Nina Tandle: Congratulations Marie!!

01:37:34 Heidi Nunes: Congrats

01:37:35 Sharon Black-MacKinnon: congrats Marie!

01:37:36 Kelly Sanchez: congrats!

01:37:36 Chelsea McIntyre: yay Marie!

01:37:37 Debra Carter: productive struggle

01:37:38 Cathy Grant: Congrats Marie

01:37:42 Amy Tuckwell: Congratulations Marie!

01:37:44 SARAH AMBEAULT: Thank you so much

01:37:45 Myeesha Jones: I need a gift please

01:37:46 Tami Kreft: students with a chance to struggle and make connections prior to providing the algorithm

01:37:47 Portia Felder: Congrats Marie

01:37:47 Michele Elliott: Thank you! Good Night

01:37:48 Lara Sawamukai: Thank you!!!

01:37:48 Beverly Krumpe: loyts to think about

01:37:52 Jennifer Suh: You both are awesome!!!
01:37:55 Daniel Irving: Congratulations!
01:37:55 Tamikia Greene: THANK YOU to you both for this engaging session!
01:37:57 Leslie Sorace: Thank you!
01:37:58 Kim Ellis: Thank you
01:38:02 Joseph Kantrowitz: thanks for everything
01:38:02 Veronica Kwok: Thank you so much for this talk!
01:38:02 Staci Jackson: Be the guide
01:38:03 rachel wingo: Awesome
01:38:03 Joy Kogut: Thanks so much!!!
01:38:03 Emily Kavanagh: Congrats to both
01:38:03 Stephenia Courtney: TY
01:38:04 Archita Vaghasiya: Thank you!!
01:38:07 Katie Gibson: thanks so much!
01:38:07 Candida Arthur: marie
01:38:08 Milagros Carbonera: thank you
01:38:08 Myeesha Jones: what's a white book? I want one
01:38:09 Lynda Krivansky: Thank you! A very motivating webinar :)
01:38:10 rachel wingo: Thank you!
01:38:10 Amanda Hooks: Thank you!
01:38:11 Stacy Milas: Thank you both!!
01:38:11 Denise Leal: thank you
01:38:11 Melissa Curran: Thank you so much!
01:38:12 Stephanie Waterman: Thank you Jon and Kyle!
01:38:13 Sahar Alkhatib: Thanks
01:38:13 Suzanne Smith: Thank you!
01:38:14 Daniel Irving: Thank you both for the incredible presentation!
01:38:15 Andrew Tyler: Thank you teachers for wanting to be better
01:38:16 Amber Scholl: Thank you!!!
01:38:16 Faith Peddie: Awesome presentation!
01:38:17 Emily Kavanagh: Thanks
01:38:17 Gary Stewart: certificate?
01:38:18 Kristy Woody: Thank YOu
01:38:18 Janice Magauay: Great job to the both of you!
01:38:19 Sandra MacDonald: thank you!
01:38:19 Kelli Freiwald: thank you!
01:38:19 Josephine Snyder: Thank you!!
01:38:19 Ann Marie Nee: thank you
01:38:20 Jacy Niemeyer: thanks!
01:38:20 Kristine Barrett: Thank you
01:38:20 Gabrielle Gentile: Thank you
01:38:21 Kendra Edwards: Thank you!
01:38:21 Stacy Milas: I already signed up!!!!!!!
01:38:21 David Drembus: thanks!
01:38:21 MEGAN SPEARS: thank you so much!
01:38:22 Bina Kachwalla: Thank you
01:38:22 Danielle Bentley: Thank you for this webinar! Perfect Teacher
Appreciation present!
01:38:22 Javier Carbajal: Thank you!
01:38:22 Hsiao-Ting Chiou: thank you!

01:38:22 Robin Schwartz: thanks
01:38:23 Elena Ouimette: wow
01:38:23 Philomina Lawson: nice!!!
01:38:23 Joseph Townson: Thank you!
01:38:24 Kate Reardon: Awesome, thank you
01:38:24 Amy Robinson: thank you
01:38:24 Darlene Purcell: How do I get the sheets
01:38:24 Billie Donegan: Thank you so much!
01:38:25 Denesha Howell: thank you!
01:38:26 Mary Anne Opila: Thank you... great, great!
01:38:26 BMcNeese: thank you.
01:38:26 Amber Scholl: Holy cow
01:38:27 Sherry *Bovey: Thank you so much. This was great!
01:38:27 Dianne Budd: Thanks from Down Under
01:38:27 Ca-Lishea Woods: This has been the best webinar so far!
01:38:28 Courtney Otubuah: great job
01:38:28 MONICA TIENDA: Rock on!!
01:38:28 Clara Fuller: thank you
01:38:28 Jennifer Heldenbrand: Many thanks!
01:38:28 Jeanine Colwell: amazing
01:38:29 Susan Troutman: Thanks!
01:38:29 Jasmine King: THANK YOU GUYS SO MUCH!!!
01:38:29 Jessica Lysholm: Thank you!
01:38:30 Stephanie Matisiak: THANK YOU
01:38:30 DawnMarie Gaghan: Thank you so much this was fun!
01:38:31 Marie Molloy: Thank you both!
01:38:31 Linda Thommen: Thank you. It was fun!
01:38:31 Monica Roland: Thank you so much Kyle and Jon! Very engaging and
informative.
01:38:31 Shannon Wall: This was amazing!!! Thank you!
01:38:31 Vaidehi Agrawal: thank you
01:38:32 Christina Hall: This was great, thank you so much!
01:38:32 Kelly Sanchez: thanks
01:38:33 Necole Atkins-Dowd: thank you great webinar!
01:38:33 Ange Kendall: Thank you! This is amazing and exactly what I
needed!
01:38:34 Nora Chase: Thank you very much!!!
01:38:34 Darlene Purcell: I computer paused and I missed it
01:38:34 Rosemary Sbrocca Auger: thanks guys it was great.
01:38:34 Allison Daniel: appreciate your time!
01:38:34 Rowena West: This was awesome!
01:38:35 Konnie Guthrie: I appreciate the information. Thank you
01:38:35 Lisa McGlothlin: Thank you!
01:38:35 Josie: see this is a much needed topic
01:38:36 Kristen MacDougall: Thank you so much! This was fantastic!
01:38:36 Brittney Melnick: Super awesome webinar!
01:38:36 Johannah Wirzba: Thank you so much!
01:38:37 Jasmine King: THIS WAS AWESOME!
01:38:37 Andrea Cadman: Awesome! Thank you!
01:38:37 Rosalyn Smith: Thank you

01:38:37 Leslie Krefta: Thank you!!!!
01:38:38 Angela Tseng: Thank you, Kyle and Jon
01:38:38 Rebecca Upchurch: Thank you!
01:38:38 Steven Cox: thank you
01:38:38 Wendy Hoffhines: Thank you!
01:38:38 Ximena Sloane: What a wonderful introduction to an amazing way of teaching!
01:38:39 Elizabeth Melvin: Thank you!!!!
01:38:41 CHERRITA ALLEN: See you next week!!
01:38:41 Alicia Kaplan: Thank you!
01:38:42 Margaret Peretti: Thank you!
01:38:42 Michelle Silvia: thank you
01:38:43 Kenneth McKee: You are doing great things for teachers. I greatly appreciate your time.
01:38:44 Amy Tuckwell: Thank you so much, I learned a lot!
01:38:44 Nina Tandle: Thank you Kyle & Jon for a great webinar! I learned a lot and am fueled up to get my students learning :)
01:38:44 Kelley Manning: This was awesome! Thanks!
01:38:44 Tedra Heron: Thank you!
01:38:44 Shari Kaku: Love the energy and the awesome information. Thank you!
01:38:45 Maureen Harden: Thank you! This was great.
01:38:45 Debbie Williams: thank you
01:38:46 Stephanie Waterman: You guys were great!
01:38:46 Jacqueline SladeRCT6K03W13: thank you
01:38:48 Abiola Rotimi-Ogunsola: Thank you
01:38:49 Vaidehi Agrawal: thanks
01:38:50 Ann Marie Nee: Thank you. Good energy!
01:38:51 amanda Helgerson: where is the link to the webinars next week?
01:38:52 Sharon Ling: Thank you for this presentation!
01:38:52 CHERRITA ALLEN: Thank you!!
01:38:54 Tanja Solano: amazing! thanks so much!
01:38:55 Rita Shamrock: Thank you Great!
01:38:55 Beverly Krumpe: Thank you
01:38:57 Debra Loyd: Thank you for a great webinar
01:38:59 JOY PERKINSACOSTA: thank you
01:39:00 Dave Hankin: Thank you from Globe, Arizona.
01:39:03 Luzviminda Malabanan: how do we get the certificate?
01:39:03 Claire Dent: what is going on with that roof behind you? notice and wonder
01:39:09 Christina Tully: I loved the energy in this webinar!! That hour flew by!!!!
01:39:12 Jason Wright: Thank you
01:39:12 Christina Siow Young: Thank you! This was great!
01:39:17 Mary J Nettles: Thank you.
01:39:18 Wilma Fulgencio: thank you very much.
01:39:22 amanda Helgerson: found it
01:39:26 Stephanie Bell: Thank you! This webinar was awesome! I can't wait to get my students engaged with MATH!
01:39:28 Jorge Veloso: A very energetic presentation! I liked it.

Congratulations.

01:39:38 Branch Pronk: Thank you so much!
01:39:42 amanda Helgerson: thank you!!!
01:39:48 Renee Catalano: Loved the energy and the information
01:39:49 Pamela Goodwin: yes. Great webinar! Thank you!!
01:39:53 Donna McClue: NICE PRESENTATION
01:40:01 Vesta Mizell: what are the 5 practices?
01:40:02 Catherine Anderson: Thank you
01:40:06 Karen Wiggins: Thank you, Jon and Kyle!
01:40:14 Denise Cruz: Thank you so much!
01:40:23 Elizabeth Hallahan: thanks
01:40:23 Darlene Purcell: how do i get the sheets or templates the
lesson paused
01:40:25 Julian Embrey: Thank you. I enjoyed the presentation.
01:40:28 Polly Kimminau: Thank you!
01:40:33 Sharla Prebble-Riddick: Thank you so much
01:40:34 Elizabeth Chapman: thank y'all
01:40:40 Nadia Messadi: Thank you!!!!
01:40:42 Marie Fagan: thank you
01:40:45 Bette Barkley: thank you!
01:40:58 Angela Tseng: @Darline: makemathmoments.com/nctmnext
01:41:00 Ericka Smith: Thank you. This was very informative :)
01:41:16 Dave Hankin: Thank you from Globe, Arizona!
01:41:22 Robin Schwartz: how do you make things less Googleabel?
01:41:26 Tanja Solano: I've been attending a lot of webinars lately, and
this has been BY FAR, the BEST and MOST APPLICABLE for me ... thank you, thank you!!
01:41:30 Ginette Peralta Suarez: Thank you!
01:41:46 Josie: Thanks for answering Q&A. ive participated in 5 of these
online PDs and none of my questions have never been answered. I dont have a question
today.
01:41:47 Lynda Krivansky: Thank you for an energizing webinar!
01:41:49 Luzviminda Malabanan: Thank you so much...Great Ideas...
01:42:08 dana dulzo: thank you, this webinar is awesome
01:42:19 Sara Lynn Cannady: certificates??
01:42:25 Tracey Lamb: Thank you
01:42:26 amanda Helgerson: link for certificate?
01:42:31 Lynnette Flannery: Thank you so much, great presentation
01:42:35 Vesta Mizell: can someone type the 5 practcies?
01:42:57 Gunnar Guttormsen: This month's ASCD EL has great articles for
developing powerful student discourse
01:43:06 Ashley Cusick: Thank you so much!
01:43:08 Jasmine King: The 4 Strategies:
01:43:17 Elizabeth Melvin: Thanks for answering my question a bit
guys!! I'll be in the webinar next week to learn more =)
01:43:29 Ximena Sloane: We are asynchronous in RRISD, Texas
01:43:35 David Barnes: Certificate will be emailed to you at this time
tomorrow.
01:43:49 Ann Wycoff Bagshaw: 4 Strategies: Create productive struggle. 2.
Give an all access pass. 3. Be more Prince. 4. Be the Guide
01:43:56 Ryan Fox: Thank you for the presentation and resources

01:44:00 Jasmine King: 1. Avoid Rushing to Algorithm 2. Give Your STudents
an All Access Pass 3. Be More Prince 4. Be the Guide, Not the Hero

01:44:04 Lisa Kowalski: Thank you so much!!!!

01:44:05 Stephanie Matisiak: yeah I signed up for the webinar next week
already!

01:44:12 Amanda Aitken: Thank you!!!

01:44:14 Ximena Sloane: Thank you! Great webminar

01:44:15 Anne Schmidt: Thank you so much!

01:44:28 Kyle Pearce: Thanks everyone for joining us! We had a blast
learning with y'all!

01:44:32 Kate Luker: Thank you so much!

01:44:33 Bridget Donegan: LOVE being an NCTM member

01:44:34 Ximena Sloane: Please repeat what the topic for tomorrow is?

01:44:44 Elizabeth Melvin: Thanks Kyle and Jon!!!!

01:44:46 Concepcion Obispo Serrano: Thank you so much!!

01:44:47 Kyle Pearce: Thanks so much for spending the time to learn with
us :)

01:44:50 Ann Asaro: This was fabulous. Thanks, guys.

01:44:54 Gloria Flores: Thank You

01:44:55 Jorge Veloso: Bye bye.

01:44:56 ALEX QUYENVO: thanks !

01:45:00 RIOLEN RUDIO: Thank you so much

01:45:02 Ca-Lishea Woods: Thank you!

01:45:02 Maurice Levy: Thank you

01:45:07 Michelle Barrera: Thank you

01:45:07 Stephanie Waterman: Thank you!

01:45:09 Karen Reodica: So awesome! Thank you!

01:45:10 Nina Tandle: Thank you so much!

01:45:12 Stacy Milas: Thank you guys!!

01:45:12 Heidi Nunes: Thank you!

01:45:13 Jaime Pacilio: You guys were great! Canadians Rock

01:45:17 Monica Roland: Thank you !

01:45:20 Bridget Donegan: Thank you!

01:45:20 Bryan Buckingham: thanks!

01:45:21 Rachel White: Thank you again

01:45:21 Katie Gibson: thank you!]

01:45:23 Aya Zvaigzne: Thank you !!! Blessings to all

01:45:29 Jean Nussle: where are resources?

01:45:29 Ronald Austria: thank you

01:45:31 Jasmine King: GOOD NIGHT

01:45:32 Melynee Naegele: Thank you! Looking forward to learning more
next wee! I want to learn more about your coursse