Trena Wilkerson: Hello from Waco, TX!
Beth Roark: HI, I'm Beth from Cincinnati, OH
Susan Spigelme: Hi Susan from So Cal
Carol Matsumoto: Hi from chilly Winnipeg!
Tika Epstein: Hello Everyone, I am from Las Vegas, Nevada!
Lucinda Smith: Hello from Battle Ground WA
Bernabe Avila-Cortez: Bernabe Avila from Toppenish WA
Juaacklyn Cunningham: Juaacklyn from KY
Laura Lopez LeRoy: Hi from Laura in Houston
Janelle Koski: Hello from the Eastern Shore of Maryland!
Stephanie Banks: Stephanie from NH
Rebecca Hill: Hi from Illinois!
Daniel Irving: Hello from North Providence, RI.
Kelly Curtis: Kelly from Texas
Lisa Crawford: Lisa from Nashville
Jeanine Colwell: hello from Newport NC
Sandra Johnson: Hi I’m Sandra from Dallas, Texas.
Leigh Tompkins: Leigh from Ohio
Terri McCarthy: Hi Terri from Danbury, CT
Martha Duncan: Martha from Hurst, Texas
Mary Johnson: HI from Mary from Pensacola, FL
Deanna Richardson: Hello from South Dakota
Marie Clarke: Hi everyone, Marie from Philadelphia
Lisa Dilonardo: Hello! Lisa from So Cal
Deanna Rigdon: hello from Utah
Diane Gordon: Hello from North Carolina
Angela Cooper: Angela from Spring, TX
Denise Trakas: Denise from Reno, NV
Roberta Rotolo: Hello from sunny Dallas Texas
Lisa Kowalski: Hi from St Louis
Melissa Campbell: Hello from Fort Payne, Alabama
Nellie Alvarez: From Goodyear, AZ Nellie Alvarez
Jodie Dornbush: Hello from Illinois
Dawn Smith: Hi all from Mattawa, WA
Kelly Kuster: Hello from New Jersey
Toni Galassini: Hi from Chicago!
Sarah Dickie: Hi from Charlottetown PEI
Rochelle Peasley: Hello from Central Virginia! :)
Beth Snoap: hello from holland michigan!
Gail Rodgers: Gail from southern Michigan.
Michelle Emslie: Hi I'm Michelle from Auckland New Zeland
Prerana Sanghavi: hello from Mumbai, india
Kathleen Morris: good evening from northern VA
Cheryl McElroy: Hello from Providence RI
Felicia Casto: Greetings from the mountains of western CO
Jessica Whitney: Hello from Penacook NH
Lise Potter: Damariscotta, Maine
Claudia Phelps Wade: Hi from Phoenix, AZ
Adina R: Adina from MD. I wanted to watch Chrissy's session from NCSM, but I missed it, so I'm glad I'm able to watch it from NCTM!
Blake Ann Antida: Aloha from Hawaii!
Megan Lavagnino: Hello from Eastern Washington
Kate Holcomb: Hello from Nashville, TN
Sondra Mackie: Hello Im Sondra, Fayetteville, NC
Ginger Foran: Hey, y'all! Joining from Marshall, NC!
karen anderson: Good evening from Bryant Pond Maine :)
Michelle Kivett: Hello from Sanford, NC
Virginia Lopez: Virginia Lopez Prek Teacher from Chicago
Cheryl Wallace: Hi from Annapolis, Maryland
Sharonda Ware: Richmond, Virginia
Marjie Hicks: Yelm WA
JoAnn Hurt: Hello from Indianapolis, IN
Jane Harris: Jane from Old Fort, NC
Pam Cadena: Hi from Redondo Beach, CA--sunny day at the beach
Teresa Bulanda: hello from Hartford,Ct
Ann Marie Nee: Hi from New York!
Molly Pomposelli Pomposelli: Massachusetts good evening!!!
Liz Morris: Hello from Phoenix Arizona
Amiynah Haile: Amiynah from Columbia, SC
Stacy Sammons: Suffolk, Virginia
Kendra Laymon: Nashville, TN
Nicole McCarthy: Hello from Hershey, PA
Denise Walston: Hello from Denise in Chesapeake, Va
Kim Neill: Hello from Arlington TX
Jaclyn Murray: Atlanta, GA
Rebecca Herbert: Elk River, MN
Laurie Barker: Junction, Texas
Lisa Lambuth: Hi from La Mirada, CA
Heather Smith: Fall River, MA
Ada Hill: Ada Hill Youngstown City School
Deborah Tytler: Battle Ground, WA
Deanna Goins: Hello from Tennessee
Stephanie Prato: Hello from Rochester, NY
Marianne Mammon: Marianne from NJ
Darlene Logan: Hello from Danville, VA
Jazavier Smith: Charleston, SC
Michelle Emslie: t's 1am in Auckland
Karole Van Nostrand: Hello, Northern Vermont
Nikki Montana: New Jersey
Jennie Haynes: Jennie from Washington
Michelle Emslie: 11 am oops
Natasha Zimmerman: Whidbey Island, Washington State
Beth Wagner: Greetings from Long Island, NY
Joan Whitfield: Chesterfield, VA Work in Hopewell, VA
Ashley Jones: hi from Maryland
Marcia Balkin: From Washington D.C.
Dale Pasino: Massachusetts
Rita Shamrock: Rita from Senoia, GA
Lyindsay Freed: Hi from NY
Laxman Nepal: Hi everyone
edward yue: HI I am from Alameda, California (San Francisco Bay Area)
Herminio Planas: Bridgeport, CT
Amanda Arney: Morganton, NC
Marnie Penney: Ontario
Randi Goetke: Freehold, NJ
Heidi Johnson: Hello from Olympic Peninsula Washington State
Tanaga Rodgers: Maryland!
Julianne Phillips: Good evening! Coming LIVE from the Motor City...Detroit, Michigan!
Erin Hamson: Hello from San Francisco, CA!
Jennifer Ciano: Hello from Charlotte, NC
Terri Smith: Hi from the beautiful Shenandoah Valley in Virginia
Lynn Lafferty: Hello from Erie, PA
Galit Sandaev: Hi from montreal, canada
Alfreida S Jamison: Hello from just outside of Chicago.
Ali Semanision: Hi from Los Alamos, NM
Carrie Daniels: Hello from Dayton, TN!
Sharon Sommer: Hello from New Jersey!
Amy Landry: Hello from Chicago
Jennifer Hinrichs: Hi from Cambridge, Ontario, Canada!
Donna Behrouzian: Hello from Toronto, Ontario
Melissa Forde: Hi from Youngstown Ohio
Amanda Jansen: Hello — from Newark, Delaware!
Quianna Watkins: Hello from Decatur, GA
Shari Sklar: Hello from Arizona
Kimberly Jones: Kim Jones from Dallas, TX
Mary Anne Opila: Hi, from Pennsylvania!
Maddie Grover: Hi from Boston Massachusetts!
Diane Anderson: Hi.
Katrena Washington: Katrena from Chicago, Illinois
Dina Campbell: Hi All! From Las Vegas!
Jessica Rock: Hi from Chicago!
Linda Smith: Hi, I am Linda Smith, 1st Grade Teacher from Halifax County!
Camille Greene: Hello from Sunrise, Florida
Melissa Fast: Hi from Kansas
Jada Pearson: Hello from Oregon!
Mohamed Jamaludeen Thirapusa Mohaideen: Hi, Greetings to all !This is Mohamed from CT!
Dave Hankin: Hello from Globe, Arizona.
Rachelle Broggin: Hello from PA!!
Jeanine Dormer: Jeanine from PA
Deepa Bharath: Hello from Arlington MA
Denise Parker: Hello all from Lumberton NC
LaRosa Schexnayder: Hello all from Laveen, Arizona
Cindy Luper: Hi from Arkansas
Branch Pronk: Hi from Va
Dianne Thomann: Hi from KS
Leona MaasBekkers: Leona from Wolfville Nova Scotia
Laveta Ebbin: Hello from Bermuda
Mandelia Fisher: Hello from Richmond, VA
Regina Holloway-Kitchings: Hello from Savannah, Ga
Alison Pepero: Hello from Buffalo NY
Tiffanie Nealy: Hi from Tiffanie in Atlanta
Camille Nemanic: Hello from Greensburg, PA (near Pittsburgh)
Stephanie Izzard: Hello from Burlington, Ontario!
Al Prewett: Milan New Mexico
Tiffany Moyer: Hello from Pennsylvania
Tonya Burke: Ft. Lauderdale FL
Kathy Villarreal: Hi from San Jacinto, California
Camille Nemanic: Hello from Greensburg, PA (near Pittsburgh)
Al Prewett: Milan New Mexico
Tiffany Moyer: Hello from Pennsylvania
Tonya Burke: Ft. Lauderdale FL
Kathy Villarreal: Hi from San Jacinto, California
Nicolette Nalu: Hello from AMTEA president and Math Specialist from ALABAMA! :)
Kathy Reynolds: Hi from Philadelphia!!!
Carol Keeffe Hendries: Thank you for the reminder!
Athanasia Douros: Hello from Toronto!
Renee Cummins: Good evening, from Neosho, MO!
Staci Erickson: Hello from Seattle.
Vicki Hill: Thomasville, NC
Trena Wilkerson: Hi Sandi!
Susan Gray: Hi! I’m from CT.
Julie Shelton: Hi From Valhalla, NY
Rebecca Gonzalez-Kreisberg: Hi from Massachusetts
Andrea Lipper: hello from Olympia, WA
Amy Dulak: Hello everyone from Wisconsin!
Melissa Campbell: Bout time you got here Nicolette!
Janaki Nagarajan: So excited to learn from you Chrissy! Hi all from Seattle
LA VERNE MITCHELL: Hi from Queens, NY
Fran Huntoon: Hello from Richmond, VT
Nicolette Nalu: LOL. I know. I was registering for something else. So I didn’t say hi until now. Haha
Ann Marie Nee: Hello from Scarsdale, NY
Ann Neely: Hello from South Williamsport, PA
Janice Novakowski: Hi Janaki!
Susanna Guerra: Hello from Maine
Marcia Oom: marcia from sabetha ks
Rachel Redden: Hello from Northern Kentucky!
Josefina Nava: Good evening to all from Chicago!
Monica Avalos: Hello from Waukegan IL
Jeff Shih: hi from vegas!
Deborah Scott: Hi I am from Nanuet, NY
April Spratt: Hi from Southern KY
Shelly Jones: Hi Shelly Jones from Connecticut
Tammy O’Grady: Hi all, From Ottawa, Canada!
Ramona Chandler: Ramona Chandler, So Cal
Megan McPartland-Mattrick: Hi Megan McPartland-Mattrick and I am from Grafton, MA.
Janice Novakowski: Is the slide formatting off for anyone else?
Chonda Long: Manipulatives:
https://www.mathlearningcenter.org/resources/apps
Stephanie Rish: Hello from Charlotte NC
Kris Graham: learning new skills
Beth Snoap: the warm sunshine!
Danielle Hoisington: Spending time with my family
Lisa Crawford: my new oupy
Cindy Bryant: These sessions!
Jennifer Ciano: Working out every day
Shelly Jones: My students signing in to our virtual meetings has given me joy. Also taking walks.
Jazavier Smith: Family
Leona MaasBekkers: Signs of Spring
Jennifer Hinrichs: sunshine
Kathleen Scott: gardening
Camille Nemanic: Something that brings me joy is being at home with my husband.
Lisa Anderson: Long walks
Susan Spigelmre: webinars to learn how to do STEM with kinders
Tiffany Moyer: baking and sharing my treats with neighbors
Lisa Crawford: puppy
Kris Graham: teenage kids at home
Courtney Humphreys: reading good books
Randi Goetke: The sunshine and warm weather in NJ brings me joy
Josefina Nava: Food
Natalie PIlpe: Mountain biking!
Camille Greene: I love my Lush products.
Natasha Zimmerman: gardening
Allyson Guida: My kittens and any sunshine I can take in
Lisa Howell: My garden
Sandra Johnson: Learning new technology
Kelly Caruso: Extra time with my own kiddos :)
Karole Van Nostrand: Long walks in the woods
Jordan Weatherford: tacos
Quincy Long: Sleeping in
Ramona Chandler: Emailing with my students
Ashley Brehl: Being outside!
Clare Harrington: walks
Diane Gordon: pets
Branch Pronk: family
Donna Behrouzian: dog
Kelly Kratz: bright sunshine
Ashley Jones: children
Terri Smith: Nice weather
Susan Gray: Spending more time with my family
00:26:40  Laurie Barker: Family
00:26:40  Rebecca Hill:  wine
00:26:40  Heidi Cromer: Time outdoor with kiddos!
00:26:40  Jeanine Dormer: sunshine!
00:26:40  Mandelia Fisher: Being home with my daughters and wife
00:26:40  Tammy O'Grady: getting out for a run
00:26:41  Liz Morris:   hiking
00:26:41  Rachelle Broggin: My daughter turns 2
00:26:41  Tiffanie Nealy: family
00:26:41  Dawn Halliday: Enjoying outdoors
00:26:41  Lise Potter:  Seeing my kids on Zoom!
00:26:41  Stacy Timmins: long walks
00:26:41  Laronda Raines-Langham: My 3 boys
00:26:42  Jessica Rueckert:  Time outside with my family
00:26:42  Christine Percy: family and my teammates
00:26:42  Jessica Rock: Messages from students
00:26:42  Athanasia Douros: my family and running
00:26:42  Natalie Davis: Family
00:26:42  Rebecca Gonzalez-Kreisberg: Running
00:26:42  Julie Shelton: bike riding
00:26:42  Carol Keeffe Hendries: Music
00:26:43  Dina Campbell: Great weather in Las Vegas and spending time with family
00:26:43  anjana tikaiya: staying family time together
00:26:43  Vicki Hill: Working on my garden
00:26:43  Maribeth Dennis Bollmann: Learning new recipes!
00:26:43  Kelsey Schreibel: My son!
00:26:43  Ute Moore: My garden
00:26:43  Heidi Johnson: zooming with my students
00:26:44  Maria Louvaris: Baking bread
00:26:44  Stephanie Prato: exercise
00:26:44  Megan McPartland-Mattrick: Phone consultations with my parents and students, walks with my puppy
00:26:44  Patti Sanders: long walks, being with my kids
00:26:44  Renee Cummins: Spending time with my daughter and granddaughter!
00:26:45  Sheryl Bostelman: walking and gardening
00:26:45  Bina Kachwalla: My morning exercising
00:26:45  Cheryl McElroy: I am enjoying seeing the PK-Gr1 students on Zoom
00:26:46  Gayle Allen: nature
00:26:46  Lyndsay Freed: My dogs
00:26:46  Rebecca Udzik: Seeing children’s smiles during virtual class
00:26:46  Maddie Grover: Kiddos on Zoom!
00:26:46  Mariangeli Rivera: family
00:26:46  Leticia Chapa: Running before I began my day :)
00:26:46  Ute Moore: My dogs
00:26:46  Theressa Sawyer: grandchildren
00:26:46  Amiynah Haile: Receiving t
00:26:46  Cassandra Proulx: catching up on tv!
00:26:46  Deborah Scott: My family
00:26:47  Kathleen Wyckoff: dogs!
Sondra Mackie: Family
Staci Erickson: Lunch with my husband
Julianne Phillips: Cooking new recipes...
Pam Cadena: my new coworkers--my husband, our 2 cats and 2 dogs
Molly Pomposelli Pomposelli: Sunshine and walks
Faith Hettesheimer: Being home with my family
Monica Terry: spending time with family
Tabitha Stanton: I am doing well. Seeing how green the sky is and how blue the skies are is bring me joy!
Janette Kiso: my dog
Sharonda Ware: youtube
Denise Walston: family
Denise Trakas: Puppies!
Lisa Clem: Sunshine and spending time with my son.
Lisa Lindsey: Hello from Fayetteville, GA. Family!!
Laveta Ebbin: exercising more
Terri McCarthy: kids
Atiya Hamilton: Zoom calls with my students
Mary Anne Opila: long walks, long chats
Toni Galassini: Collaboration with colleagues!
Marjie Hicks: sun, gardening, horses
Kim Schoenau: Seeing many of our teachers in the CVCUE sessions!
Felicia Casto: baby calves
Rebecca Herbert: Sunshine and an early spring
Monica Avalos: Virtual staff meetings, walks, the few sunny days
Lyndsay Freed: cooking
LA VERNE MITCHELL: Occasional sunshine. Walks.
Taylor Murphy: sunshine! and lots of books
Ann Marie Nee: baking banana bread
Jodi Ryan: granddaughter and running lots of miles
Marie Hannon: long walks...cooking
Lisa Lambuth: Seeing students on zoom
Laurie Barker: playing games with my kids
Marcia Balkin: A quiet lunch
Dawn Smith: being outside
Chelsea Imbrescia: Getting to spend time with my family!
Terri Sierra: walking
Janet Jimenez: Being able to interact with my students
Claire Andrews: Wine :) and my dog!
Andrea Lipper: dog, family, and wonderful PLC with colleagues
Ginger Foran: My husband's aunt leaving ICU after COVID!
Terri Streicher: walks
Jennie Haynes: seeing my kinders on videos
Nellie Alvarez: long walks with granddaughters
Ann Marie Nee: My children--8 and 22 months
Regina Holloway-Kitchings: the relationships w/God, my family, and my dog
Kelli Gibb: finding fun and unique ways to connect with students
ie/ teacher parade
Trisha Pickett: family
Amy Dulak: spending time with 3 1/2 year old
Deborah Spear: spending time with my family
Amy Landry: My dogs, puzzles
Katrin Cottingham: gardening
Konya Houston: Exercising with my dog
Ada Hill: walking and I miss my grandchildren
Leslie Texas: Sunrises and sunsets
Michela Kivett: Good! FB page that is called "Blessing Women of Harnett County"
Roberta Rotolo: making videos for my fourth grade students
Tamika Greene: bike riding
Laxman Nepal: My family as well
Marie Clarke: being in the moment
Juaacklyn Cunningham: Coffee with Coaches
Cindy Kim: slower paced morning routine
Patricia Herdt: Watching my young neighbors sharing time with their families.
LaRosa Schexnayder: Seeing my scholars online!
Alison Pepero: wine and my new puppy
Virginia Lopez: Seeing my students during google meet class and spending time with family.
Annette Gushue: drinking
Lynn Sykes: My Newfoundland!
Chonda Long: Do you have a question?
Amiynah Haile: Receiving funny text.
Amy Henderson: love math art challenge!
Heidi Hague: Joy in Sunsets while on my walk.
Denise Jackson: baking bread and making cookies
Rachel Redden: Sunshine, being home with my kids and my husband, and living in the country so I can be outside.
Konya Houston: That math art looks fun!
Joanne Foster-Williams: Being healthy
Kim Neill: learning to play the banjo!
Linda Smith: Family, Bible reading & crocheting
Betsy Kerstetter: My two new kittens!
Chonda Long: Do you have a specific question?
Julia Sierra-Bond: JOY - my students text me and send loving messages and miss me and I miss them, too.
Natalie Pipe: Marco polo-ing with my students!
Chonda Long: We are not able to offer the English subtitles live.
They will be available with the recording at www.nctm.org/100
Trena Wilkerson: Chrissy turned hers on so that is very helpful! Thanks!
Melissa Campbell: base 10 blocks to build concrete models of open area model
Jordan Weatherford: Paper money
Cindy Kim: counters, linking cubes, five frames, ten frames, rekenreks, pattern blocks
Natalie Pipe: base 10 blocks. They work and make sense!
Claire Andrews: Base 10 blocks
anjana tihaiya: counters. coins
Donna Behrouzian: counters
Dina Campbell: Digi blocks
Claudia Phelps Wade: counting bears
Cassandra Proulx: counting bears- because the kids love to hold them
Rachelle Broggin: cubes for counting
Claire Andrews: place value chips
Michelle Kivett: yes base tens
Shelly Jones: Pattern blocks for fractions
Laura Goss: place value disk
Amy Frisina Scotti: rekenrek
Kelly Kratz: base 10 blocks for place value concepts
Leona MaasBekkers: Rekenreks
Jennifer Gereshenski: unifix cubes, for everything
Donna Behrouzian: pattern blocks
Sharon Sommer: base ten blocks, two color tiles, unifix cubes,
Monica Nardone: fraction tiles
Monica Parraga: counters
Nicole Nalu: Cuisenaire Rods! Fractional Reasoning!!
Megan McPartland-Mattrick: tens frames
Kathy Reynolds: beans for counting
Rochelle Peasley: Pattern blocks - fraction relationships and computation
Nancy Sirois: Virtual number line
Julie Miller: Unifix cubes for counting
Kris Graham: double sided counters - part part whole
Rebecca Hill: coins... place value, money
Susan Spigelmre: unified cubes help hinder count and make groups of ten
Amy Paladino: Ten frames
Pam Jones: cuisenaire rods - show relationships
Eva Price: 10 frames for multiplication
Nancy Sirois: tenframes
Tika Epstein: base ten blocks for place value
Diane Hurley-Leach: fraction tiles to show parts of a whole
Denise Trakas: Counters
Natasha Zimmerman: Japanese Soroban - great for place value!
Courtney Cooper: Base Ten block, shapes, tens frames
Amy Montgomery: counters to represent the number
Michelle Matsuzaki: Ten frames
Rebecca Hill: number paths
Lyndsay Freed: Counters - for counting on
Jeannette Mooroian: I use a ten frame to help them see 10.
Kris Graham: ten frames
Claire Andrews: fake money - tens frame - counters
Ona Ryan: skittles count sort
Kelly Kratz: tiles for visualizing measurement
Judith Florczak: 3D plexiglass figures used for visualizing cross sections, for comparing volumes
Kelsey Schreibel: 2 color counters to help students work with part part whole
Branch Pronk: ten frames
Trisha Pickett: Cubes for patterning and counting
anjana tihaiya: counting - counters
Ashley Brehl: Playdough to help develop fine motor skills when building numbers in K
Patti Sanders: counters, unisex cubes, number lines, ten frames
Laurie Barker: Base 10 blocks for teaching decimals for 5th grade
Tracey Ramsey: number lines for counting forward and backwards
Lyn Lafferty: algebra tiles
Ann Neely: connecting cubes
Adrienne McPherson: anything and everything the kids have access too.
Deborah Spear: Base 10 blocks, ten frames, counters ... place value and addition and subtraction
Kim Schoenau: red/yellow counters to show parts and whole
Beth Nalker: Unifix cubes. Counting skills, number relationships
Donna Behrouzian: pattern blocks are great for fractions
Bina Kachwalla: fraction frames: visualising fractions
Mohamed Jamaludeen Thirapusa Mohaideen: Algebra tiles
Wendy McGrael: Unifix cubes for ones and tens, groups
Camille Nemanic: I love Rekenreks to build understand fives, tens, decomposing and composing numbers
LaRosa Schexnayder: Base 10 for visual numbers
Laurie McWillie: gems, rocks, tens frames
Lyndsay Freed: rekenrek - number sense
Terri McCarthy: bear counters
Ali Semanision: cuisenaire rods-fractions, decimals, etc
Sharon Sommer: gives students concrete experiences
Staci Erickson: Ten frames to build number sense
Jordan Weatherford: paper money because kids get a hands on experience with their color and size
Emily Austin: ten frame, base 10 blocks, counters - number sense, addition/subtraction
Evette Reece: pattern blocks to help with measurement, non standard units
Athanasia Douros: ten frames for subitizing
Sheryl Bestelman: base ten blocks, ten frame
Jennifer Gereshenski: mini erasers from target for 1:1
Alison Pepero: base ten blocks, area models, counters, cards, ten frames tape diagrams
Sarah Ferrell: Money - provides real world-application and makes it "cool"
Jennie Haynes: I use geoblocks for many different reasons - understanding shapes
Renee Catalano: base ten, fraction tiles and circles, They allow flexibility with numbers
Kimberly Jones: Cuisenaire rods, because there are no set values.

Virginia Lopez: Unifix cubes, counting, measuring
Kristi Pramuka: Number racks
Linda Catalano: Math rack
Lise Potter: fraction tiles
Laveta Ebbin: counters, pattern blocks, etc
Tamara Jackson: counters
Heather Smith: rek n rek
Laveta Ebbin: counters because they help develop one to one correspondence help with additional nd subtraction
Ute Moore: dice and cards
Natalie Pipe: 100 chart
Claudia Phelps Wade: counting bears for learning to count and numbers
Sondra Mackie: base tens
Leticia Chapa: base 10 blocks for place value
Kera weihrauch-ernest: base ten blocks for younger students
Kathy Villarreal: rekenreks show relationships
Tammy O'Grady: 5 frames and ten frames as anchors for kinders
Patricia Ferris: linking cubes for adding and subtracting, multiplying
Janice Novakowski: Pattern blocks - spatial relationships
Randi Goetke: prek, unifix for patterning and counting
Leona MaasBekkers: Rekenreks because you see the tens and ones
Renee Cummins: Fraction pieces-makes it easier to understand the sizes
Robert Rotolo: base ten blocks....for place value and even modeling division
Kelli Gibb: Reknrek - because they help with values of 10/part/part/whole
Kelly Kuster: fraction sticks for parts of a whole
Cheryl McElroy: rekenreks to visualize to see combinations
Khaalia Taylor: I use ten frames to help students see number relationships
Jodi Ryan: pattern blocks - visual- creativity
Tiffanie Nealy: fraction towers for equivalent fractions
Jordan Stein: Cards for sorting
Karen Weaver: base ten frames - help with seeing and making 10. card
Kris Graham: 120 charts
Marianne Mammon: tens frames for decomposing numbers
Tonya Burke: tangrams
Jennifer Hinrichs: Cuisenaire rods - part, part, whole
Renee Catalano: ten frames and dice
Gail Rodgers: Empty number lines to build number sense.
Heidi Cromer: Tangrams to see how shapes work together, see shapes in things
Jasmine Mills: Base ten blocks, help student add and subtract with
two to three digit numbers.

00:31:10 Terri Smith: counters for counting and additiona & subtraction
00:31:10 Amanda Nica: Base ten blocks, number lines, counters
00:31:10 Cassandra Proulx: five and ten frames for 1:1 correspondence
00:31:10 Rebecca Cross: Pattern blocks, to teach fractions conceptually, counters for everything
00:31:10 Amy Landry: Real coins so students can feel what they feel like, look at them closely, compare and contrast
00:31:11 Penny Jensen: bears- helps with counting 1:1 sorting classifying
00:31:11 Jessica Rock: Unifix cubes …. tactile learning
00:31:11 Claire Andrews: 100 chart for skip counting
00:31:12 Susan Gray: Counting cubes. To help students visualize math problems
00:31:12 Faith Hettesheimer: Double sided counters to show part part total
00:31:12 Jeanine Dormer: clocks- hands on
00:31:12 Cerissa Brown: Unifix cubes for patterns
00:31:12 Laurie McWillie: hands on connections, help EAL
00:31:12 Monica Nardone: fraction tiles because it helps for students to be able to see the relationship between whole and part
00:31:13 Stacy Sammons: fraction bars for relationships between fractional pieces
00:31:13 Kris Graham: dice
00:31:13 Lyndsay Freed: Number lines
00:31:13 Stephanie Prato: Unifix cubes
00:31:13 Lisa Howell: dice
00:31:13 Kelli Gibb: dice
00:31:13 Sharon Stoeckel: geo block for exploration
00:31:13 Kathleen Scott: 5 and 10 frames for beginning addition
00:31:14 Megan Wenger: Snap cubes for everything - counting, place value, etc.
00:31:14 Amy Dulak: dice
00:31:14 Teresa Saueressig: Unifix cubes for place value so they can physically build a 10 and decompose a ten.
00:31:14 Stacy Timmins: fraction bars to see fractions
00:31:14 Kelly Kratz: connecting cubes for building numbers and discovering place value
00:31:14 Tonya Burke: patternblocks
00:31:15 Annette Gushue: multiplications wheels
00:31:15 Heidi Hague: Judy clock, helps kids understand relationship between hour and minute hands, counting by 5s etc..
00:31:15 Karen Weaver: dice
00:31:15 Enkelejda Limani: Bundles - for understanding place value and unitizing
00:31:15 Claire Andrews: Unifix cubes
00:31:16 Jennifer Lourenco: tangrams
00:31:16 Monica Avalos: Ten frames
00:31:16 Lisa Clem: I use fraction tiles to show equivalent fractions.
00:31:16 Lindsay Neely: Pattern blocks
00:31:16 Sheryl Bostelman: dominoes
Diane Gordon: pattern blocks, counting bears PreK babies to count and make shapes
Nancy Sirois: Pattern blocks
Dina Campbell: Digi blocks to see relationship between ones, tens, hundreds
Shari Sklar: tangrams, because they help students understand fractions when they create them themselves and with spacial relationships as they create images
Sandra Johnson: Colored tiles for area multiplication using area model.
sharon forman: counters, 10 frames
Lisa Lambuth: Unifix cubes- to count, put in groups of ten
Shawna Sonksen: ten frames and discs to help students to see the teens
Denise Parker: counters, base tens, fractions
Ona Ryan: food
Ann Neely: counting cubes, making tens, with base ten blocks
Barb Fukushima: rekenrek
Rebecca Herbert: Integer chips----subtracting integers is very hard to visualize
Leticia Chapa: fraction strips and fraction cakes
Michelle Matsuzaki: double sided chips
Karen weaver: counters
Joan Whitfield: ten frames, two sided counters
Aimee Olree: 2D Shapes for High Scope - composing/decomposing shapes.
Tika Epstein: coins to determine amounts, to count money, and to make change
Rachel Redden: popsicle sticks to bundle, counters, rekenreks, dice, cards
Ali Semanision: unifix cubes, dice (12 sided)
Donna Behrouzian: geo-boards 2d shapes
Laurie McWillie: dice, cards
Virginia Lopez: abacus
Judith Florczak: magnetic coordinat grid manipulative
Alison Pepero: tape diagrams
Leslie Texas: tangrams
Cassandra Proulx: snap cubes
Kylen Boddie: popsicle sticks because they help students better grasp the idea of regrouping
Lisa Clem: Also, ten frames.
Elizabeth Marzana: unifix cubes for composing and decomposing
Tracey Ramsey: coins, dice, ten frames, 120 charts
Michelle Matsuzaki: Pattern blocks
Kelli Gibb: bead counter snakes
Mariangeli Rivera: 10 frame, unifix cubes
Michelle Emslie: ten frames counters place value blocks dice
decipipes
Tammy O'Grady: deck of cards!
Kathy Reynolds: dice
Lesley Kurth: ten frames, horizontal number lines, dice, unifix cubes, wreck and wreck
Kelly Kuster: pattern blocks for geometry and fractional pieces
Lisa Lindsey: pattern blocks
Kristine Pilla: 10-sides dice
Melissa Fast: fraction strips, number lines
Rebecca Hill: erasers
Bina Kachwalla: geoboards
Joanne Foster-Williams: Base ten blocks, counters
Denise Parker: coins
Michelle Kivett: deck of cards for addition
Kris Graham: Beadstring
Dana Westveer: ten sided dice for computation games
Ona Ryan: smart board
Janice Novakowski: Cuisenaire Rods- number relationships
Nicolette Nalu: Cuisenaire Rods for Fractional Reasoning!!
Bony Cellars: pencil n graph paper
Regina Holloway-Kitchings: place value, blocks, fraction tiles or pizza pieces, dice, etc, it gives the students a better understanding of the skill
Patty Baker: unifix cubes, dice, base ten blocks, playing cards
Carol Keefee Hendries: geometric shapes for language development....slide, flip, turn, etc
Tabitha Stanton: I've used base ten blocks for the same reason you use them. I've also used Judy Clocks. It helps to be able to make the hands on the clocks move to the time.
Jasmine Mills: Double ten frames and counters help students make ten and add on.
Laveta Ebbin: concrete is important for solidifying concepts
Patricia Herdt: fraction circles for equivalent fractions
Cindy Kim: bar models - to see relationships between sizes - fractions but also for modeling part-part-whole
Jennifer Gereshenski: rulers
Hania Bizri: Ten frame unifix cubes
doris Lipari: base ten, fraction strips
Marjie Hicks: unifix rekennek sticks and bits
Rebecca Hill: double number lines
Sophia Stier: Graph paper and color pencils. Visualize and cognitive thinking
Juaacklyn Cunningham: straws and pipe cleaners for building shapes
Rachel Redden: five frames/ten frames/20 frames, bead string
Amynah Haile: Base Tens Blocks to add and subtract
Jeanine Dormer: Base ten blocks to help visualize and make concepts concrete
Rebecca Udzik: Blocks, animal counters, shapes
Camille Greene: base tens for decimals , foam pattern blocks
Sharon Black-MacKinnon: Cuisenaire rods for fractions
Maria Sampson: dominoes
Monica Avalos: Playing cards, dice,
Janet Jimenez: ten-frames--add/subtract.
Susana Santiesteban: base ten, counters, for adding and subtracting
Tika Epstein: Concrete examples are so important for our students.
Sharon Black-MacKinnon: decks of cards (making ten)
Maria Sampson: rulers for measuring
Ali Semanision: origami
Sharon Black-MacKinnon: nctm virtual manips
Nicolette Nalu: YES!!! ALL Learners!!
Renee Catalano: There needs to be no "age limit" on manipulatives. They help illustrate your thinking and help you visualize the problem at all levels.
Kelli Gibb: Google slides can be made interactive and have use of shapes as counters
Melissa Campbell: You are so right, Renee!
Ali Semanision: Yes! Always use manipulatives.
Nicolette Nalu: Yes, Renee!
Deepa Bharath: discover = construct
Tamara Purry: Interactive
Clare Harrington: manipulated
Kris Graham: concepts
Dina Campbell: both can be manipulated
Rebecca Hill: "constructing"
Beth Snoap: interactive
Fran Huntoon: constructing mathematical concepts
Renee Catalano: You need to interact with both types of manipulatives
Bina Kachwalla: Both help visualising mathematical ideas
Donna Behrouzian: interactive
Laurie McWillie: visuals
Kelli Gibb: View
Stacy Timmins: manipulate in both
Ali Semanision: opportunities for construction meaning
Maribeth Dennis Bollmann: interactive!
Monica Avalos: objects that can be manipulated
Rachelle Broggin: tangible objects
Amy Landry: manipulated
Amy Dulak: Allowing it to be manipulated
Diane Hurley-Leach: interactive
Karole Van Nostrand: Constructing math meaning
Jessica Rock: Modern
Tiffanie Nealy: manipulation
Janice Novakowski: dynamic
Rebecca Udzik: view/visual
Angela Cooper: visual
Cassandra Proulx: interactive
Taylor Murphy: manipulate
Jennifer Ciano: they are both interactive
Rosemary Sbrocca Auger: use as opposed to interactive'
Janet Jimenez: Explore possibilities
Jada Pearson: conceptual
Cerissa Brown: visual
Claire Andrews: lacking sensory / tactical component
Bianca Crespo: interactive
Faith Hettesheimer: interactive
Heather Smith: illustrate and discover
Melissa Fast: illustrate thinking
Jeanine Dormer: physically handle... visual... construct
Melissa Campbell: something that can be manipulated to show child's thinking
Mary Anne Opila: objects
Josefina Nava: opportunities
Ashley Brehl: constructing
Regina Holloway-Kitchings: interactive, view, visual
Rebecca Hill: illustrate
Bianca Crespo: constructing
Janice Novakowski: conceptual
sharon forman: concrete - visual - interactive
Pam Cadena: construct knowledge
Kimberly Jones: Constructing and discovering math
Donnie Allen: Algebra tiles
Sheryl Bostelman: visual, manipulative
Kristine Pilla: interactive, visual, DISCOVER
Lisa Lindsey: illustrate, construct, discover
Diane Hurley-Leach: opportunities
Ute Moore: changable
Marie Clarke: physical handle
Nadia Messadi: start with physical then virtual
Shawna Sonksen: programmable features
Allyson Guida: Makes numbers real
Ali Semanision: math in action
Monica Avalos: Constrict mathematical concepts
Rebecca Cross: They are used to construct meaning, its visual.
Bina Kachwalla: inquire math
Amanda Nica: discover concepts
Amiynah Haile: handle/manipulate
Sondra Mackie: interactive, physical, mathematical
Liz Means: construct meaning of mathematics and knowledge
Khaalia Taylor: discover concepts and construct knowledge
Patty Baker: discover and constructing
Carol Keeffe Hendries: “present opportunities”
Sarah Dickie: construcing concepts
Tammy O'Grady: manipulate and interactive properties of them both
Monica Avalos: interactive
Jessica Rock: Changing
Evette Reece: representation, visual
Patricia Herdt: Mathematical understanding
Deborah Scott: manipulated
Lauren Heimburger: I think the access to “Virtual” manipulatives were probably quite limited in 1994. There’s been an evolution
Michele Masick: hands-on
Leona MaasBekkers: Once they have used the physical then they are able to use virtual because they already have understanding of the manipulatives.

Alison Pepero: illustrate, manipulate, concreate

Regina Holloway-Kitchings: discover-construct knowledge

Lisa Clem: It's can be visual not just something physical that can be held and moved.

Deborah Scott: present opportunities

LaRosa Schexnayder: physically handle, opportunities

Shelly Jones: Discover/construct math concepts/knowledge

Randi Goetke: physically handling

Maria Sampson: reinforce visual spatial perception

Cindy Bryant: interactive, illustrative

Sarah Dickie: Love this quote!

Karen Owens: constructing math knowledge

Leslie Texas: The manipulation allows them to be strategic

Michelle Kivett: It's like play

Renee Catalano: Students need to be able to explain what the manipulatives represent

Sharon Black-MacKinnon: true

Patricia Herdt: visual understanding

Branch Pronk: how they can build connections

Bina Kachwalla: Introduction of manipulative is imp

Ginger Foran: It's not necessarily WHAT the tool is, it is HOW you use it! :) 

Laveta Ebbin: connections with using the manipulatives and the concepts is needed

Amiynah Haile: Manipulating enhances the interaction between your hands, eyes, and your brain.

Laronda Raines-Langham: "How do I know what I think, until I see what I say"...It's all about meaning and connections!
Taylor Murphy: 1
Jennifer Ciano: 1
Derrick Lewis: 4
Tamara Purry: 1
Susan Spigelmre: 1
Kim Spencer: 1
Sarah Dickie: 1
Patricia Ferris: 4
Kelsey Schreibel: 0
Courtney Humphreys: 1
Gail Rodgers: 5
Jessica Rueckert: 1
Claire Andrews: 1
Lindsay Neely: 1
Trisha Pickett: 1
Amanda Nica: 1
Monica Avalos: 1
Janaki Nagarajan: 1
Laurie McWillie: 1
Rosemary Sbrocca Auger: 1
Maria Louvaris: 1
Dina Campbell: 1
Lise Potter: 1
Pamela Gavina: 1
Jasmine Mills: 1
Rebecca Hill: 5!
Tabitha Stanton: 1
Michelle Matsuzaki: 1
Leona MaasBekkers: 1
Renee Catalano: 4
Jada Pearson: 1
Janet Jimenez: 1
Linda Catalano: 3
Shari Sklar: 1
Deborah Scott: 1
Stephanie Izzard: 1
Clare Harrington: 4
Bina Kachwalla: 1
Barb Fukushima: 1
Kelly Kratz: 1
Leslie Texas: 1
Cerissa Brown: 1
Randi Goetke: 1
Shawna Sonksen: 5
Kendra Laymon: 1
Liz Morris: 1
Mary Anne Opila: 1
Khaalia Taylor: 1
Melissa Campbell: 2
Stephanie Rish: 1
Susan Gray: 1
Kimberly Jones: 5
Leslie Sorace: 1
Eva Price: 1
karen weaver: 1
Andrea Lee: 1
Michelle Ellam: 1
Amy Landry: 2
Jeanine Colwell: 6
Monica Parraga: 1
Branch Pronk: 1
Lisa Dilonardo: 1
Lisa Morenoff: 1
Joy Brenzavich: 1
Bonnie Angel: 1
Amy Kellem: 1
Maribeth Dennis Bollmann: 1
Jordan Stein: 1
Roberta Rotolo: 1
Kate Magie: 1
Kelli Gibb: 1
Alfreida S Jamison: 1
Monica Terry: 1
Terri McCarthy: 1
Rebecca Gonzalez-Kreisberg: 1
Monique Cabellon: 3
Gayle Allen: 1
Amiyah Haile: 1
Cheryl McElroy: 2
Molly Pomposelli Pomposelli: 1
Cassandra Proulx: 1
Dave Hankin: 1
Laveta Ebben: 1
Marcia Balkin: 1
Carol Keeffe Hendries: ONE
Deepa Bharath: 1
Rebecca Hill: 5
Lisa Howell: 1
Pam Cadena: 2
David Barnes: 3.2
Jennifer Hall: 1
Jeanine Dormer: 3
Patty Baker: 3
Deborah Spear: 1
Maria Gonzalez: 1
Pamela West: 1
Maximo Gimeno: 5
Kristine Pilla: 1
Jessica Cooper: 1
Elyse Lerman: 4
Alison Pepero: 2
Cindy Luper: 1
Denise Jackson: 1
Emily Austin: 1
Alfreida S Jamison: 1
Evette Reece: 0
Diane Murphy: 1
Rachel Redden: 3
Janika Lee: 1
Valerie Clay: 1
Kathy Villarreal: 3
Bony Cellars: 1
Paula Faust: 1
Stacy Sammons: 1
Virginia Lopez: 1
Martha Duncan: 2
Melissa Fast: 2
Ute Moore: 2
Mohamed Jamaludeen Thirapusa Mohaideen: substitution
Brook Hatch: 1
Sheryl Bostelman: 1
Nellie Alvarez: no idea
Annette Gushue: 0
Betsy Kerstetter: 1
Julia Sierra-Bond: 0
Alfreida S Jamison: 1
Mandelia Fisher: 1
joy harvie: 1
Maria Sampson: 2.5
Shayla Goldsmith: 1
Mohamed Jamaludeen Thirapusa Mohaideen: Modification
Jennifer Cygan: 1
Athanasia Douros: no idea
Diane Hurley-Leach: 2
Terri Sierra: 1
Marnie Penney: 1
Nonye Obiora: 1
Jazavier Smith: 1
Deanna Rigdon: 1
Inger Murphy: 0
Lisa Lindsey: 3
Linda Smith: 2
Jodi Ryan: 3
Danielle Logue: 1
Mohamed Jamaludeen Thirapusa Mohaideen: Redefinition
Stephanie Prato: 1
Laurie Barker: 0
Laurie Barker: 0
Deanna Goins: 1
Theresa Sawyer: 0
Sondra Mackie: 1
Mohamed Jamaludeen Thirapusa Mohaideen: Augmentation
Dale Pasino: 1
Megan McPartland-Mattrick: 0
Tammy O'Grady: 2
Rosa Zuniga: 1
Chonda Long: Do you have a question?
Patty Baker: like a number line that expands between the numbers
Sarah Dickie: That is one of may favourites too!
Renee Catalano: Hi Rosa!!
Jan Back: Hello from Jan Back in Hampton, Tennessee
Stacie Mach: Stacie Mach, Humble Texas
Velma Guidry: Hello, Velma from Beaumont, Tx
Cindy Bryant: Love this model...
Monica Avalos: Good visual
Heidi Hague: I like this!
Chonda Long: https://www.mathlearningcenter.org/resources/apps
Carrie Daniels: I use these often!
Sharon Black-MacKinnon: Love the visual
Ann Neely: Is it okay to use these tools even if you aren’t using the Bridges curriculum?
Derrick Lewis: Yes they are free
Sharon Black-MacKinnon: Free is great!!
Laronda Raines-Langham: Love this site!
Chonda Long: https://www.mathlearningcenter.org/resources/apps
Mary Anne Opila: great
Laurie McWillie: yay! no log in
Mandelia Fisher: Can you use these manipulatives on other devices other than on a computer
Rebecca Hill: LOVE these sites!
sunny thomas: Any way to download it as a pdf
Taylor Murphy: these are awesome!
Theresa Sawyer: this is awesome
Josh Rosen: Braining Camp manips are pretty similar I think
Courtney Cooper: Braining camp is what I am using now bc it is currently free, but normally you have to pay
Courtney Cooper: This is literally the lesson I have to make for next week's lessons!
Annette Gushue: can’t get in
Megan McPartland-Mattrick: I am in
Jeanine Dormer: I’m in
Tamara Purry: :)
Herminio Planas: I am in
Kelly Kuster: I am in
Khaalia Taylor: I’m in
LA VERNE MITCHELL: i am in
Melissa Fast: I am in
Michelle Matsuzaki: I’m in
Konya Houston: Im in
Susan Gray: I’m in
Lisa Anderson: I’m in
Ashley Brehl: I’m in
Natalie Davis: I'm in
Patricia Ferris: I'm in and playing with shapes!
Sharon Black-MacKinnon: in
Ann Neely: I'm in
Maria Gonzalez: I am in
Pam Cadena: all good!
Deborah Scott: I'm in
Jennie Haynes: im in
Leigh Tompkins: in1
Laronda Raines-Langham: I'm in!
Alice Dahlstrom: I am in
Lisa Lambuth: It worked to click on your link!
Wendy McGrael: I am in
Lisa Howell: I am in :D
Regina Holloway-Kitchings: in
Leigh Tompkins: copy paste the link
Linda Catalano: in
Adina R: I'm in
Megan Wenger: In!
michelle lovett: i am in
Bianca Crespo: I'm in
Kris Graham: can you see what we make
Susana Santiesteban: It worked. This is so neat
Heather Smith: NCSMshapes
Jasmine Mills: I'm in!
Rebecca Udzik: in
Kathleen Wyckoff: IN! :)
Theresa Sawyer: in
Mohamed Jamaludeen Thirapusa Mohaideen: I am in . Thanks!
Christine Martin: I'm im.
Leslie Sorce: in
Terri Smith: in
Monica Avalos: My page froze. Hope it’s not because we’re all on it
Jasmine Mills: This is wonderful I have to teach shapes next week!
Michelle Kivett: I can't rotate
Adina R: I have 4 ways using only one color. Should we mix colors?
Olivia DeBruin: please!
Annette Gushue: can’t get in
Melissa Fast: it doesn’t give the option to download the PDF
Marjie Hicks: wont rotate for me
Alison Pepero: Having trouble getting on the app

00:48:28  Dana Westveer:  Are there 3D shapes on this site?
00:48:31  Bina Kachwalla:  This is awesome
00:48:32  Megan Wenger:  Can you change the size of shapes?

00:48:35  Kris Graham:  yes its fun!
00:48:41  Michelle Kivett:  The rotation "button" is not working, even with the shape selected.
00:48:53  Melissa Fast:  You cannot download the slides only view them
00:48:55  Julie Miller:  Can this be done on a phone?
00:48:59  Monica Avalos:  Mine was working fine but the page is now unresponsive

00:49:06  Janet Jimenez:  Able to log in and explore.
00:49:08  Annette Gushue:  will we get the link to caves slides
00:49:14  Kelsey Schreibel:  This is such a neat resource! The math curriculum my district uses has a game just like this called "fill the hexagons".

00:49:18  Kris Graham:  cool you can resize!
00:49:19  Lisa Morenoff:  What does the protractor do?
00:49:29  Annette Gushue:  daves slides can we get a copy of it
00:49:41  Bina Kachwalla:  we do this with physical ones
00:49:42  Kris Graham:  you can change them - sizes colours etc
00:49:44  Konya Houston:  I love the way that we can change the size of the shapes

00:49:48  Cindy Kim:  Did it have to be a regular hexagon?
00:49:49  Megan Day:  We won’t run out
00:49:52  Mary Anne Opila:  fine motor skills
00:49:52  Patricia Ishihara:  Frustrating...
00:49:52  Erin Hamson:  UNLIMITED MATERIALS
00:50:00  Dave Hankin:  A little tougher to maneuver...
00:50:02  Ali Semaniosis:  enough for everyone
00:50:05  Gail Rodgers:  QUIET
00:50:07  Patricia Ishihara:  tough to maneuver
00:50:10  Ann Neely:  Yes! Cost is no longer a barrier!!!
00:50:11  Julie Miller:  These are very quiet!
00:50:12  Amy Paladino:  I have used screen share with these manipulatives during Zoom Math Talks with students and we all can manipulate the screen at the same time.
00:50:14  Ali Semaniosis:  no cleanup
00:50:16  Leslie Sorace:  more relatable at this time in the world because kids love technology, especially phones
00:50:18  Kris Graham:  HA HA
00:50:21  Pam Cadena:  choice of colors
00:50:21  Taylor Murphy:  there’s the added complication of using the computer to turn
00:50:22  Regina Holloway-Kitchings:  not noisy
00:50:24  Monica Avalos:  Easy cleanup
00:50:25  Barb Fukushima:  hard for younger kids to manipulate (I teach K)
00:50:26  Bina Kachwalla:  accesibilty for all
00:50:31 Ginger Foran: No clean up!
00:50:33 Ona Ryan: can’t eat them
00:50:33 Lisa Morenoff: you can change the colors!
00:50:37 Rachelle Broggin: they wont break
00:50:37 Adina R: they click together
00:50:38 Jennifer Hinrichs: Once placed, they don't shift
00:50:42 Khaalia Taylor: Change colors
00:50:44 Renee Catalano: can't be swallowed, liberated, or need to be sanitized!
00:50:44 Roberta Rotolo: at first, the students may have problems rotating...but they will learn quickly !!!!!
00:50:45 Heidi Schnabel: what about kids who have difficulties with spatial tasks?
00:50:46 Ali Semanision: i like the overlay
00:50:47 Terri Streicher: easy clean up
00:50:48 Ann Neely: I do wonder about the additional time it would take to use these, maybe that would improve over time?
00:50:49 LA VERNE MITCHELL: user friendly
00:50:56 Linda Smith: You can't put them in your pockets or mouth!
00:50:56 Joy Brenzavich: don't need storage for them
00:50:57 Lisa Clem: Like someone else, easy clean up!
00:50:57 Diane Hurley-Leach: can be tough to get it exactly right
00:50:58 Jennifer Lourenco: Not a choking hazard
00:51:00 Laronda Raines-Langham: They're not a choking hazard.
00:51:02 Shelly Jones: That was fun!
00:51:03 Faith Hettesheimer: User friendly and easy cleanup
00:51:10 Penny Jensen: I cant rotate them Help
00:51:16 Jennifer Cygan: no shifting no throwing
00:51:18 Patricia Ishihara: Hard to maneuver if not a touch screen and if no mouse
00:51:20 Lisa Morenoff: You can use the protractor to measure specific angles.
00:51:21 Maria Louvaris: Great way for teacher to use for whole class demonstrations
00:51:23 Claudia Phelps Wade: If students are using this they can also learn to control the mouse, better fine motor control
00:51:27 Kris Graham: lasso them too'
00:51:27 Diane Anderson: User friendly
00:51:31 Diane Gordon: I agree Barb (PreK) I think i would start with the physical then move to virtual
00:51:38 Tiffanie Nealy: I would let he students "investigate" as we did before giving an expectation, maybe with a parent for the younger ones
00:51:39 Christine Percy: measure angles
00:51:43 Dave Hankin: I just got them to snap...very nice
00:51:45 Deborah Scott: How do you delete them
00:51:50 Khaalia Taylor: Can you group them and move the entire group?
00:51:53 Lorraine Perez: 2d
00:51:53 Bina Kachwalla: we need both though
00:51:54 Atiya Hamilton: There’s actually a sense of perfection that you do not get with the physical ones
Gayle Valdivia: Use felt pads as desk pads to prevent slipping and noise.
Dave Hankin: Yes...How do you delete??
Amiynah Haile: Students will concentrate more.
Ona Ryan: you can trace them and then delete block.
Kris Graham: yes
Cerissa Brown: They are FLAT (2D)
Ashley Brehl: familiar shapes
Kris Graham: lasoo
Leigh Tompkins: took longer to put together.
Monica Avalos: you’re always going to have enough shapes.
Jennifer Cygan: to rotate them click on gray circle then move circle.
Pam Jones: You need to think more deeply about how to rotate them when they are virtual.
Regina Holloway-Kitchings: It was more challenging.
Ramona Hall: same colors as physical blocks.
Jeanine Dormer: You can shift and highlight more than one to move.
Kris Graham: AMAZING!
Sharon Black-MacKinnon: never could get them to rotate.
That worked.
Sharon Black-MacKinnon: students love using them.
Faith Hettesheimer: Same: you’re able to manipulate them because of the rotating.
Michelle Kivett: Never could get them to rotate.
Dave Hankin: That worked.
Bianca Crespo: this is great for kinder
Kris Graham: AMAZING!
Shelly Jones: It takes a little longer to make each hexagon.
Deanna Rigdon: I love how you can measure the angles on the blocks.
Natalie PIpe: I’m skeptical about this platform. I think it could supplement but not replace the physical.
Chonda Long: If your hand is raised and you have a question, please type it in the Q and A box.
Monica Avalos: endless creations.
Sharon Black-MacKinnon: they are not distracted by others.
Deborah Scott: How do you delete them?
Bianca Crespo: this is great for kinder.
Kris Graham: AMAZING!
Deanna Rigdon: I love how you can measure the angles on the blocks.
Natalie PIpe: I’m skeptical about this platform. I think it could supplement but not replace the physical.
Chonda Long: https://www.mathlearningcenter.org/resources/apps
Bianca Crespo: this is great for kinder.
Kris Graham: AMAZING!
Sharon Black-MacKinnon: they can be used at many grade levels.
Rosemary Sbrocca Auger: At first it does take a while to manipulate the shapes. Which would take longer than hand held manipulatives.
Kathryn Mead: lol
Dave Hankin: But I was having fun.
Ali Semanison: change size!!
Ann Neely: I like the protractor tool.
Bina Kachwalla: an
Lisa Clem: love the protractor
Ona Ryan: omg so much fun!!!
Leslie Sorace: might be a great way to get older grade levels because it’s not “babyish”
Carrie Daniels: They’re free and no storage issues!
Derrick Lewis: I will dispute that they can’t use these as a toy. They absolutely could, not that that is bad. I could see them telling a story using the blocks.
Diane Anderson: i like the protractor
Bina Kachwalla: Level 2
Sheryl Bostelman: More possibilities
Rachelle Broggin: engagement
Heidi Hague: Could be modification if it is a touch screen for kids with pincher grasp problems.
Tamikia Greene: Can you post the link for the slides again
Amiynah Haile: same: they can be manipulated, different: unlimited amount
Ali Semanision: easily extend lines for measuring angles
Tamikia Greene: Thanks
Bina Kachwalla: awesome questions for my teachers
David Barnes: Thanks @Laronda!
Allyson Guida: How do you send it
Allyson Guida: For students how can they share work?
Laronda Raines-Langham: You’re welcome!
Ali Semanision: can this be connected to Seesaw for sharing/explanation?
Konya Houston: Modification - You asked up to CREATE as many hexagons aa possible
Tamara Purry: Yes I love snipping
Kelli Gibb: snipping is a windows tool
Tamara Purry: yes they can
Diane Hurley-Leach: How do you snip?
Tamara Purry: You click on the snip tool and highlight what you want to snip.
Kelli Gibb: It can be added to your chrome as an extention
Clare Harrington: They have allowed a free Screencastify upgrade until the end of june
Allyson Guida: TEAMS will let you record and share your screen too
Monica Avalos: There’s also Loom for creating videos like screen casting, unlimited minutes
Patricia Ferris: Screencast is unlimited right now code is CAST_COVID
Lisa Morenoff: Screencastify now allows teachers to access the features of the paid version with the free version due to the COVID shutdown.
Chonda Long: If you have questions, please type them in the Q and A box
Lisa Morenoff: There’s a special code.
Ali Semanision: You could also do this as a Google Meet with sharing screens for small groups
Amy Paladino: I have used these manipulatives while sharing my screen during a Zoom session. They can manipulate the screen.

Adina R: Does screencastify allow you to screencast anything other than a chrome tab?

Lyndsay Freed: I really like using Loom also

Kris Graham: Zoom records also

Beth Kobett: Yes, I love these!!!

Melissa Fast: I use during zoom as well and in breakout rooms

Taylor Murphy: @amy - the kids can manipulate during Zoom?

Taylor Murphy: @Amy*

Monica Avalos: I’m so happy I signed up fo this webinar

Ann Neely: Will you be making this recording available? I am meeting with kindergarten teachers tomorrow, and I would love to share this with them!

Derrick Lewis: @Taylor You can turn on remote control. Then students can control your mouse in the zoom.

Adina R: Is he using a chrome browser with a mouse or touching with his finger?

Taylor Murphy: So cool! Thanks Derrick!

Rebecca Hill: hes not using a model..... so neat to watch

Vijay Parulkar: They can use the Annotate function to draw on your image

Ali Semanision: Love hearing his excited sounds

LaRosa Schexnayder: So cute!!

Rachelle Broggin: he replicates what is in his mind, great job.

Virginia Lopez: great job

Kris Graham: sense of achievement

Laronda Raines-Langham: Love it!

Amy Dulak: Love it

Ali Semanision: Awesome!

Amy Lieberman: Great point about him not using a model

Bina Kachwalla: super

Jordan Weatherford: Watching their thinking live

Regina Holloway-Kitchings: great way to see what feedback Is needed for the students

Jessica Rock: Strategies used

Jet Yeung: love how he works

Ali Semanision: their different starting points

Sharon Sommer: see the process

Courtney Humphreys: So helpful to see their process vs just product

Kelsey Schreibel: You get to see the trial and error process

Amy Dulak: thinking process

Maria Louvaris: You can see the thought process

Olivia DeBruin: How they interpret shapes and dimensions.

Donna Behrouzian: shows process

LA VERNE MITCHELL: Makes their thinking visible

Sarah Dickie: you get to see how they get there

Heidi Cromer: can see process as it unfolds up close!
Jada Pearson: See their process
Kimberly Jones: See how they problem solve
Cristina Ordaz: You can see their thought process
Susan Spigelme: can see their thinking
Rebecca Hill: Mathematical Practices.... Justification
Rachelle Broggin: what they are thinking virtually
Lyndsay Freed: You see and hear his thought process
Amy Lieberman: It shows his thinking.
Ashley Thompson: You may notice the Misconceptions that students may have

Jennifer Lourenco: We can see their thinking live
Bina Kachwalla: Learn about his thinking
Ashley Brehl: you can see his thinking
Tammy O'Grady: see their thinking
Faith Hettesheimer: It shows what they are thinking
Kelly Kuster: hear their math thinking
Ramona Hall: How they think visually
Deepa Bharath: watch process like we watch them in class
Renee Catalano: you can see where they start, what they tried that didn't work

Pam Cadena: their struggle or lack of one
Adina R: Llke you said, the process
Melissa Fast: get to see their processing
Lise Potter: see the process
Sandra Johnson: You see the thinking.
Mary Anne Opila: to see if they get the idea of the thought
Amanda Nica: You can see the attempts made
Monica Avalos: We can hear their thinking
Ann Neely: You get to see the process, instead of the end result.

Lisa Dilonardo: You can see how they self-correct
Megan Wenger: Can see their thinking process
Jennie Haynes: it shows their thinking
Sonya Johnson: you can see their thinking in the moment
Cassandra Proulx: you can see his thoughts
Stephanie Izzard: can see their process and thinking, learning from mistakes

Jazavier Smith: process of thinking
Vijay Parulkar: The way their thinking progresses
Kelli Gibb: Time of the process...trials
Derrick Lewis: You can hear the students thinking sometimes
Shari Sklar: can watch the process
Ute Moore: we can see their thinking about the problem
Linda Catalano: You can see how they change their thinking
Tamikia Greene: Give you an insight on their thinking process (trial and error)
Khaalia Taylor: You can see the process, not just the final product

Dave Hankin: See their thought patterns and what they may be struggling with

Jessica Rueckert: you are learning their process as well as
the product
01:01:39 Virginia Lopez: You can see and here their thinking process
01:01:39 Tammy O'Grady: see the process
01:01:41 Jeanine Dormer: What them troubleshooting
01:01:41 Pamela Gavina: self correction
01:01:41 Teresa Saueressig: Shows how quickly they can master it.
01:01:41 Stephanie Banks: thought process
01:01:41 Marcia Balkin: Ensure that it really is their work!
01:01:42 Karen Owens: you can feel the process
01:01:42 Renee Catalano: see their persistance
01:01:42 Cheryl Wallace: get an idea of their reasoning through a task
01:01:43 Rebecca Udzik: You can see if they struggling or if they get it.
01:01:43 Joan Whitfield: see the steps
01:01:43 LaRosa Schexnayder: WE can see their “gaps” of acheivement
01:01:43 Roberta Rotolo: you can watch the learning as it is happening.
01:01:43 Julie Miller: You can catch all children not just a few in the class.
01:01:43 Sheryl Bostelman: You can see what their thought process
01:01:43 Ali Semanision: checking
01:01:44 Laveta Ebbin: You can see how they were thinking
01:01:44 Chonda Long: https://www.mathlearningcenter.org/resources/apps
01:01:44 Donna Behrouzian: allows for conversation assessment as well as product
01:01:48 Kathleen Wyckoff: watching the process not just the product
01:01:48 Jordan Weatherford: I would love to have screen record on and hearing what they are thinking
01:01:49 Rebecca Cross: See him puzzling it out:)
01:01:49 Carol Keeffe Hendries: perseverance
01:01:50 Deborah Spear: You can see how they're processing
01:01:51 Alison Pepero: their problem solving skills
01:01:51 Monica Parraga: watching their thinking
01:01:51 Molly Pomposelli Pomposelli: See their process and how he moves the objects to “fit”/make
01:01:53 Atiya Hamilton: you can easily check for understanding and see the process they too
01:01:53 Sharon Black-MacKinnon: watch them thinking through and processing their ideas
01:01:53 karen weaver: able to see how they understand shapes and how they fit together.
01:01:54 Valerie Clay: Do they persevere a math practice
01:01:55 Jasmine Mills: Seeing and hearing their processing is great!
01:01:57 Cassandra Proulx: he was talking to himself and making noises
01:01:57 Liz Means: Watch and hear the thinking and mistakes - his self-reflection
01:01:58 Beth Walker: see self corrections
01:01:58 Heidi Hague: It was interesting to watch him use both the trapezoid and triangle, stop and think about how to do it.
01:01:59 Tiffanie Nealy: shoes his thought process
01:01:59 Leslie Sorace: Thor thinking process and if they get stuck and watch what they do to get it correct
You can observe the trial and error process
you could see he self checked at the end
You keep cutting in and out
You can share with parents in a conference.
see what they choose
you get to see them develop their own learning skills
working through productive struggle
spatial understanding
We can hear the vocabulary they might use, shape names, etc.
more of the the interactive thinking can be seen from the student
It is easier to see what goes on in their minds
see his spatial sense because he knew what direction to turn the shape
does not ask for help
the gears were turning
Pretty good for a kindergartener
determined
the journey is more important than the destination
You could see if they used an incorrect shape (put the triangle for the hexagon)
can feel his success
not so many pieces to get in the way...
I love that you could share this kind of work with other students.
Interesting that he started from the top, while I usually start building at the bottom. Different way to view the shape!
You can ask them to explain what they are doing and then they are reinforcing their thinking by verbalizing it
you can also use it for progress monitoring
In a group setting, others can discuss what works and what doesn’t.
Building process is visible- still just theorising about his thinking. good to see process
I CAN rotate now by watching your som
You can see their understanding of task and process.
Will the child be able to replicate a hexagon using variations of polygons.
He persevere
engaging
Scholars will make mistakes and they think and talk how to do this , then when hear she gets done they are excited
Yes please!!!
indicates who is more confident with hexagons
please share
please share :)
who can make one without a model
Share!
01:03:14 Roberta Rotolo: please show us
01:03:15 Tracie Linville: share!!
01:03:19 Ann Neely: This is fantastic. Your whole presentation is exactly what I needed right now.
01:03:21 Maria Gonzalez: share please
01:03:26 Bina Kachwalla: This is fantastic
01:03:31 Melissa Fast: please share
01:03:31 Denise Trakas: It would be great to have this in a Google folder!
01:03:34 Jasmine Mills: Nice!
01:03:35 Tonya Burke: Please share or show
01:03:40 Sarah Dickie: Do you have a good suggestion for an app that has the big cube?
01:03:58 Monica Avalos: Oooh!! You can change the size of the shapes too!!
01:04:04 Ali Semanision: love seeing the 2:1 set up
01:04:08 Maria Sampson: yes, I love screencastify. I have used it to explain a lesson
01:04:35 Amy Paladino: I used this today in a math talk with students focusing on multiplying a double digit number by a single digit number. So easy to use duplicate to show the multiplying.
01:04:40 Adina R: what grade?
01:04:41 Hania Bizri: I use it for my Pre-K student to record my lessons
01:04:46 Jasmine Mills: Screencastify is a great way to prerecord lessons.
01:06:04 Melissa Fast: loom is another great video tool combine with edpuzzle and manipulatives to create formatives
01:06:36 Ann Neely: Wow, this can really save time. Especially when other parts of instruction will be slowing down.
01:07:08 Donna Behrouzian: What are the five?
01:07:57 Deepa Bharath: this is very cool!
01:08:27 Beth Kobett: Love this!
01:08:48 Deepa Bharath: LoL! We are brave with you!
01:08:50 Monica Avalos: the five say "supports sharing"
01:09:06 Annette Gushue: how can I open up a tab? I can’t unless I shut this off
01:09:23 Adina R: 1INT4-CVFE
01:09:26 Pam Cadena: so cool!!
01:09:26 Roberta Rotolo: I don’t see the key on my phone
01:09:33 Janice Novakowski: Yes, opened no problem
01:09:35 Kris Graham: Im in!!
01:09:45 Rebecca Udzik: in
01:09:46 Meghan Daniel: in
01:09:47 Jasmine Mills: I’m in with no problem
01:09:47 Jeanine Dormer: In
01:09:47 Maria Sampson: in
01:09:48 Olivia DeBruin: in
01:09:49 Dave Hankin: Online is fine
Branch Pronk: In
Jessica Noguchi: I AM IN!! :)
Jennifer Ciano: the hundreds grids are huge!!!! can they be shrunk?
Adina R: there's nothing on the screen.
Cindy Kim: YES
Kathy Reynolds: im in
Taylor Murphy: Where do I put the share code in?
Sheryl Bostelman: in
Mary Anne Opila: am in
Virginia Lopez: I'm in
Laveta Ebbin: I'm in
Sarah Dickie: that was so easy!
Ute Moore: I'm in
Barb Fukushima: I’m in
Adina R: I don't see anything set up on the screen
Kris Graham: love the duplicate button
Janice Novakowski: This is an amazing new feature!
Monica Avalos: Can’t get in
Terri Smith: I'm in
Taylor Murphy: I only see the base ten tools
Cristina Ordaz: I dont see anything its blank
Jordan Weatherford:

https://apps.mathlearningcenter.org/number-pieces/?19aedpk3
Jessica Noguchi: I can not see it
Ashley Thompson:

https://apps.mathlearningcenter.org/number-pieces/?1dtn8adv
Tonya Burke: I don't see tasks
Maria Gonzalez: I AM IN
Jeanine Dormer:

https://apps.mathlearningcenter.org/number-pieces/?3hvt2c4j
Susan Gray:

https://apps.mathlearningcenter.org/number-pieces/?4mbqste5
Jordan Weatherford:

https://apps.mathlearningcenter.org/number-pieces/?19aedpk3
Pamela Gavina: where do you enter the code
Liz Morris: I don't see the task just the tools
Jordan Weatherford:

https://apps.mathlearningcenter.org/number-pieces/?19aedpk3
Olivia DeBruin:

https://apps.mathlearningcenter.org/number-pieces/?3ywq8hmr
Julie Miller:

https://apps.mathlearningcenter.org/number-pieces/?1rvadjd0
Jordan Weatherford:

https://apps.mathlearningcenter.org/number-pieces/?19aedpk3
Dave Hankin: I don't see the tasks online
Sarah Dickie:

https://apps.mathlearningcenter.org/number-pieces/?2jhek1qb
Kelly Curtis:

https://apps.mathlearningcenter.org/number-pieces/?1bm9lf8c
Sharon Sommer:
https://apps.mathlearningcenter.org/number-pieces/?16x971hx

01:11:58 Natalie Davis:
https://apps.mathlearningcenter.org/number-pieces/?m3617mpf

01:11:59 Lyndsay Freed: Is there a number line app where students could show their thinking on an open number line?

01:11:59 Jordan Weatherford:
https://apps.mathlearningcenter.org/number-pieces/?19aedpk3

01:11:59 Natalie PIpe:
https://apps.mathlearningcenter.org/number-pieces/?4lddsbs2

01:12:02 Jordan Weatherford:
https://apps.mathlearningcenter.org/number-pieces/?19aedpk3

01:12:02 Amy Landry: 2KDV-SBSH

01:12:02 Bonnie Angel: VAT4-8E06

01:12:05 Amy Paladino:
https://apps.mathlearningcenter.org/number-pieces/?4kgzjpps

01:12:07 Diane Gordon: 1ZNS-PRLK

01:12:07 Maribeth Dennis Bollmann:
https://apps.mathlearningcenter.org/number-pieces/?3mk5h1zj

01:12:07 Jada Pearson: YVJZ-EK6E

01:12:07 Jordan Weatherford:
https://apps.mathlearningcenter.org/number-pieces/?19aedpk3

01:12:08 Pamela West: how do we share back again?

01:12:09 Courtney Cooper:
https://apps.mathlearningcenter.org/number-pieces/?2usem6hd

01:12:09 Erin Hamson: 19BH-TFAF

01:12:10 Fran Huntoon: 2HG2-ØY7Z

01:12:11 Adina R:
https://apps.mathlearningcenter.org/number-pieces/?q07cbpkp

01:12:11 Clare Harrington:
https://apps.mathlearningcenter.org/number-pieces/?3p5wp4zj

01:12:13 Megan Wenger:
https://apps.mathlearningcenter.org/number-pieces/?2176j6au

01:12:14 Amanda Arney:
https://apps.mathlearningcenter.org/number-pieces/?2xapxudv

01:12:14 Michelle Kivett:
https://apps.mathlearningcenter.org/number-pieces/?2sdunpg6

01:12:15 Tammy O'Grady:
https://apps.mathlearningcenter.org/number-pieces/?1q4nytvp

01:12:15 Terina Legge: KAJD-WTHY

01:12:16 Leslie Texas:
https://apps.mathlearningcenter.org/number-pieces/?2zuggije7

01:12:23 Angela Cooper:
https://apps.mathlearningcenter.org/number-pieces/?1ntcvfe

01:12:24 Kristi Pramuka: JSY1-BS8P

01:12:25 Dave Hankin: Okay, now I've got it.

01:12:27 Allyson Guida:
https://apps.mathlearningcenter.org/number-pieces/?4grnlfvt

01:12:27 Janette Kiso:

Join Zoom Meeting
https://csl.zoom.us/j/94003538528

Meeting ID: 940 0353 8528
Password: Irish

One tap mobile
+16699006833,,94003538528# US (San Jose)
+12532158782,,94003538528# US (Tacoma)

Dial by your location
+1 669 900 6833 US (San Jose)
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
+1 312 626 6799 US (Chicago)
+1 646 558 8656 US (New York)
+1 301 715 8592 US (Germantown)

Meeting ID: 940 0353 8528
Find your local number: https://csl.zoom.us/u/ac4nSEqMIc

Warmest regards,

Doris

Doris Garrett
Administrator
Redondo Beach Center for Spiritual Living

907 Knob Hill Ave

Redondo Beach, CA 90277

310-540-5080

23DL-KTV5
01:12:29 Lise Potter: 29N1-LCW9
01:12:31 Lisa Lambuth:
https://apps.mathlearningcenter.org/number-pieces/?tg73xjv7
01:12:36 Cheryl Wallace:
https://apps.mathlearningcenter.org/number-pieces/?wg559f78
01:12:37 Patty Baker:
https://apps.mathlearningcenter.org/number-pieces/?469t7m9e
01:12:40 Kris Graham:
https://apps.mathlearningcenter.org/number-pieces/?2jj56fe1
01:12:45 Monique Cabellon:
https://apps.mathlearningcenter.org/number-pieces/?hbmywedu
01:12:45 Sonya Johnson:
https://apps.mathlearningcenter.org/number-pieces/?r9hms4ed
01:12:47 Rachel Redden:
https://apps.mathlearningcenter.org/number-pieces/?3wm1n6t8
01:12:50 Cassandra Proulx: Do we need to send you our code too?
01:12:50 Natalie Davis:
https://apps.mathlearningcenter.org/number-pieces/?4gccqp3n
01:12:51 Amy Lieberman: 17VG-9DGS
01:12:54 Laurie McWillie:
https://apps.mathlearningcenter.org/number-pieces/?1q272w77
01:12:55 Betsy Kerstetter:
https://apps.mathlearningcenter.org/number-pieces/?bnby6l7g
01:12:55 Adina R:
https://apps.mathlearningcenter.org/number-pieces/?q07cbpkp
01:12:58 Dina Campbell:
https://apps.mathlearningcenter.org/number-pieces/?9tdpc0kh
01:13:02 Kris Graham:
https://apps.mathlearningcenter.org/number-pieces/?2jj56fe1
01:13:11 Jessica Rock: 3LS2-P3O3
01:13:12 Ashley Simmons: 4f12-up66
01:13:13 Sandra Johnson:
https://apps.mathlearningcenter.org/number-pieces/?34q14s4b
01:13:13 Kimberly Jones:
https://apps.mathlearningcenter.org/number-pieces/?2uhxfr3g
01:13:13 Branch Pronk: 30B5-7TTU
01:13:18 Patricia Ishihara:
https://apps.mathlearningcenter.org/number-pieces/?fh4ct9k0
01:13:19 Shaun Martinez: 11K8-3KU5
01:13:19 Jane Yang: 2KBU-N5B5
Pam Cadena: https://apps.mathlearningcenter.org/number-pieces/?32wqejak
Pam Jones: https://apps.mathlearningcenter.org/number-pieces/?11l5prxg
Marianne Mammon: https://apps.mathlearningcenter.org/number-pieces/?24p0e6t4
Kelli Gibb: https://apps.mathlearningcenter.org/number-pieces/?4jxkgsuz
Tonya Burke: https://apps.mathlearningcenter.org/number-pieces/?1dtn8adv

Jane Yang: https://apps.mathlearningcenter.org/number-pieces/?2kbun5b5
Allyson Guida: https://apps.mathlearningcenter.org/number-pieces/?4grnlfvvt
Kathy Villarreal: 2KMU-ME53
Leigh Tompkins: https://apps.mathlearningcenter.org/number-pieces/?4qa647ax
Kendra Laymon: 42BJ-D2C1
Athanasia Douros: https://apps.mathlearningcenter.org/number-pieces/?bwhqcnq
Judith Florczak: https://apps.mathlearningcenter.org/number-pieces/?12g97tde
Stephanie Rish: https://apps.mathlearningcenter.org/number-pieces/?32bk94u6
Donna Behrouzian: https://apps.mathlearningcenter.org/number-pieces/?3hc04gmz
Deepa Bharath: 1S2C-73LE
Faith Hettesheimer: https://apps.mathlearningcenter.org/number-pieces/?30g2entx
Courtney Humphreys: https://apps.mathlearningcenter.org/number-pieces/?1175jtma
Kris Graham: So Awesome
Bianca Crespo: https://apps.mathlearningcenter.org/number-pieces/?34mssawe
Tiffanie Nealy: this rocks!!!! thanks for being brave
Cindy Bryant: Love this!
Andina Dwiyani Anwar: https://apps.mathlearningcenter.org/number-pieces/?4h6p8f7c
Shaun Martinez: https://apps.mathlearningcenter.org/number-pieces/?11k83ku5
Maria Gonzalez: how do you share your number?
Jennifer Ciano: https://apps.mathlearningcenter.org/number-pieces/?cqbrnr5k
Marie Clarke: https://apps.mathlearningcenter.org/number-pieces/?jhsf62dn
Deborah Scott: Can you explain how to send it back to you.
Amy Dulak: https://apps.mathlearningcenter.org/number-pieces/?29ue1mx0
Cassandra Proulx: 3BWA-ZCYU
Regina Holloway-Kitchings: that's a nice option
Danielle Hoisington:
https://apps.mathlearningcenter.org/number-pieces/?1j3051cm
Branch Pronk: This is wonderful! Thank you!
Bina Kachwalla: This is such a good learning for me
Megan McPartland-Mattrick:
https://apps.mathlearningcenter.org/number-pieces/?158uewlf
Janice Novakowski:
https://apps.mathlearningcenter.org/number-pieces/?21zc4tmd
Tammy O'Grady:
https://apps.mathlearningcenter.org/number-pieces/?37tcqs7l
Cerissa Brown:
https://apps.mathlearningcenter.org/number-pieces/?14j50hzhp
Adina R:
https://apps.mathlearningcenter.org/number-pieces/?1cur55mv
Carol Kefee Hendries: I got a warning when I tried to go onto the
bit.ly/MCLB
Rebecca Hill:
https://apps.mathlearningcenter.org/number-pieces/?hc4hexvy
Teresa Bulanda:
https://apps.mathlearningcenter.org/number-pieces/?tyldtn5s
Jasmine Mills:
https://apps.mathlearningcenter.org/number-pieces/?2mm1rx6g
Kristi Gettelman:
https://apps.mathlearningcenter.org/number-pieces/?3jdu936k
Sondra Skaggs:
https://apps.mathlearningcenter.org/number-pieces/?2m2vhjpx
Monica Avalos: I couldn’t get in to this last activity. Says not a
secure site.
Camille Nemanic:
https://apps.mathlearningcenter.org/number-pieces/?227ysdcg
Renee Catalano: Really great ideas and resources!
Eva Price:
https://apps.mathlearningcenter.org/number-pieces/?dt5e3k3t
Lisa Morenoff:
https://apps.mathlearningcenter.org/number-pieces/?4kbtuxsa
Cindy Kim:
https://apps.mathlearningcenter.org/number-pieces/?2nxbwyhv
Shelly Jones:
https://apps.mathlearningcenter.org/number-pieces/?vtltp2vb
Kathleen Wyckoff: love these ideas! I teach second grade and
we use Bridges math so my kids are very familiar with many of these
manipulatives! Looking forward to trying this remotely!
Diane Hurley-Leach: Showing student work is definitely helpful!
Bina Kachwalla: i am so excited!! Thank u
Erica Thompson: LOVE the array problem - perfect for our unit right
now!
Elizabeth Marzana: this is awesome! Thank you!
Camille Nemanic: https://apps.mathlearningcenter.org/number-pieces/?4hywcdes

Lisa Howell: I am really excited to try this!

Monica Avalos: This is so easy to use and something I will be able to use right away.

Leigh Tompkins: Agree! This is EXCITING!!!

Ann Neely: Thank you for making this so RELEVANT to what we are doing now, and will be doing in the future..

Maria Sampson: this session was awesome. wish it was a bit longer

Michelle Ellam: Which 5 can students share work?

Crystal buegeler: this is such a great site

Rebecca Hill: YUP thThat was great!

Cristina Ordaz: Yes I saw that it was awesome

Lisa Howell: awesome

Monica Avalos: Exciting

Trena Wilkerson: Cannot wait to see how participants use with their students! Share on Twitter and Facebook and tag #NCTM100 and @NCTM so others can see your ideas and learn!

Shari Sklar: Does the sharing occur in screencastify?

Erica Thompson: I worry about little learners being able to copy and paste their work link back to me

Kris Graham: oh wow I have learnt something new again -EVERY DAY a new thing!!

Vijay Parulkar: My kids screenshot it and attach picture

Annette Gushue: was great thank you but I couldn’t access to try all these fun things you offered

Lise Potter: GREAT webinar!! Thanks!!

Vijay Parulkar: https://jamboard.google.com/ - Whiteboard for kiddos

Beth Kobett: Fabulous!!! Thank you!

Pam Cadena: This was outstanding! I love how you could use it tomorrow, but it also has so much value when we are back in the classroom. THANK YOU!

Leslie Sorace: This was awesome! Can’t wait to play around with this app. Thank you very much:)

Diane Hurley-Leach: This was very helpful! Thank you!

Tamra Work: Loved this session!!!

Tonya Burke: Awesome information to take back and use right away! Thank You!

Tiffanie Nealy: For little, little ones, parents can take a picture with cell phone and class dojo to teacher for sharing... increase parent engagement and hem learning "new math"

sharon forman: thank you

Marie Hannon: Thank you-aesome

Julie Militzer: Thank you for this excellent information and helpful virtual manipulative tools!

Tiffanie Nealy: *them

Carolyn White: Thank you

Kelly Kuster: thank you so much for presentation and sharing your expertise! Be well!

Ann Neely: Yes, they will love this I think.
Rachelle Broggin: parents are able to be involved as well with the little kiddos.
Liz Morris: Thank you!
Stephanie Rish: Thank you so much for the virtual tools that my students can use! I am excited to show them it =)
Patricia Herdt: Thank you.
Teresa Bulanda: Great resources! Thank you!
Nikole Manou: Thank you. Very informative!
Marcia Balkin: I have been dreading multi-digit subtraction starting next week but now I am excited to try some of these tools.
Frances Lang: You are awesome!!!!
Theresa Sawyer: Chrissy thank you, this was very informative. can't wait to see how my student uses this.
Tamikia Greene: This session is soooo worth it! Its soooo much I can take back to my teachers (Awesome-sauce)
Lyndsay Freed: can students use this simultaneously while in a class zoom?
Rosemary Sbrocca Auger: Loved this. Thanks for sharing your knowledge and resources.
Bina Kachwalla: For some students will definitely benefit with virtual manipulatives
Elise Goeglein: Great presentation and resources! Thank you!
Tamikia Greene: THANK YOU for this session!
Amy Dulak: Thank you for your time and info!
Jeanine Colwell: great webinar, great resources. thank you so much
Frances Lang: Thank you!
catherine fox: thank you
Denise Jackson: I can't wait to share this with my teacher friends.
Virginia Lopez: This was very informative. I can't wait to try it out with my students.
Shelly Jones: Thank you, this was awesome!
Alison Pepero: Awesome session!! Thank you!!
Cindy Bryant: GREAT presentation Chrissy! So very relevant and timely!
Vijay Parulkar: Tactile - kiddos love to push buttons
Cindy Kim: This has been one of the BEST session I've attended so far! Great suggestions that can be easily implemented Thank you so much!
Maria Gonzalez: Very creative and helpful session!
Ute Moore: Thank you Chrissy! Great info
Amy Marinelli: Thank you!
Maria Gonzalez: Thank You!
Clare Harrington: Thank you. I enjoyed this and found it helpful and the slides make it easy to share the wealth with my colleagues.
Deborah Scott: Can repeat how the student share the work with the teacher?
Leslie Texas: Thanks so much! It was a great session. The hour went by so quickly.
Melissa Forde: This was Great!! Thank you
Kris Graham: already contacted school ICT
Julia Sierra-Bond: This webinar was soooo great. A plethora of math ideas to share with my students.

Susan Gray: Thank you!

Paula Faust: Great webinar, so many useful ideas! Thank you!

Susan Spigelmre: Investigate all the manipulatives

Trena Wilkerson: Thank you Chrissy for sharing your great learning ideas and engaging everyone at such a high level!

Kris Graham: More than an app consumer

Michelle Lovett: This was great

Roberta Rotolo: I would like to share with other teachers at my school

Virginia Lopez: Explore the resources and implementing them with my students.

Elyse Lerman: Thank you!

Kelsey Schreibel: I am going to share these resources with my building math coach!

Patti Sanders: Thank you so much this was great!

Stacy Timmins: To get into them and play with so I can help my students do the same.

Karen Weaver: Try it with different groups.

Pam Jones: Sharing with math teachers

Randi Goetke: As prek teacher, will explore the apps to see what is developmentally appropriate for them

Fran Huntoon: Thank you Chrissy

Sophia Stier: Thank You

Leslie Sorace: My next step is to explore them more and sharing this with my colleagues

Jet Yeung: Thank you for all your information. It is really interesting. I will try and use it in my classroom. Great presentation.

Deepa Bharath: Sharing the new functionalities with teachers. Trying it out with them. Thank you so much Chrissy!!

Ginger Foran: Using the Math Clock app for a lesson with 3rd graders this week!

Renee Catalano: I'm going to share this with my staff with a task for them to try and then ask them to share how they think they can use it with students ASAP

Courtney Humphreys: Thank you!

Mandelia Fisher: I want to go and maneuver through it and then share with my teacher friends.

Patty Baker: I will use the Math Apps

Staci Erickson: Engaging my small group learners with exploration.

Beth Snoap: This was great; thanks!

Dina Campbell: Thank you! This was awesome!

Vijay Parulkar: Tools you showed today build up skills to use Dreambox

Bina Kachwalla: Learning

Bianca Crespo: Use it as center activity when in the classroom

Rebecca Cross: Thank you:

Beth Nalker: Design tasks using base ten blocks online!

Carol Keeffe Hendries: Going to utilize the app and practice using
the tool
01:23:05 Khaalia Taylor: I will definitely turnkey this information to my colleagues, and plan a sample lesson using the tools shared.
01:23:05 Stephanie Banks:  Thanks
01:23:05 Camille Nemanic:  I cannot wait to introduce these virtual manipulatives with my students/
01:23:06 Lisa Lambuth:  I need to explore more to learn about the functions of the tools. Then I will share with my colleagues!
01:23:06 Monica Avalos:  For now, I’m going to use it to get my students motivated to log in to work. I will have them have fun with it for now
01:23:06 Monica Nardone:  Thank you! Great apps to use.
01:23:06 Faith Hettesheimer:  Thank you for this. So helpful to gain some items we can use with our students right away. Thank you!
01:23:06 Jada Pearson:  I am going to try out one of these sharing tasks with counters with my kindergarten small group zoom lessons
01:23:06 Denise Jackson:  I can't wait to show my daughter these cool math tools.
01:23:06 Liz Means:  Thank you so much! Awesome!! Great session!
01:23:06 Megan McPartland-Mattrick:  share with my coteacher and model with the students at a zoom, share with admin
01:23:07 Lisa Clem:  My next step is to explore them myself and then think about to have my students use them.
01:23:07 Ona Ryan:  in my small groups with iPads
01:23:08 Elizabeth Cho:  For sure implementing the app
01:23:08 Kathleen Wyckoff:  we are rolling out our next round of remote learning this week so looking forward to building this into my plan!
01:23:09 Kristine Pilla:  So much great information and I cannot wait to use these with my 2nd graders! Thank you so much!
01:23:10 Kelsey Schreibel:  This was really excellent, thank you!
01:23:10 Joanne Foster-Williams:  Very good presentation. Thank you.
01:23:11 Liz Morris:  I would love to use them during my zoom lessons. I'm not sure how to assign task...need to play
01:23:12 Ute Moore:  I will be sharing these sites with my math coach to pass on to the rest of the staff.
01:23:12 Monica Parraga:  thank you!
01:23:13 Laveta Ebbin:  Great session! Useful!
01:23:13 Kelli Gibb:  I love the share link feature...thank you.
01:23:14 Courtney Cooper:  I can't wait to use this for my lessons coming up. Wish the shapes could share, but it will still be helpful
01:23:15 Ann Neely:  I want to share this with primary teachers tomorrow when we have meetings about planning for math instruction. I can’t thank you enough for this. This couldn’t have happened at a better time.
01:23:15 Lisa Crawford:  Thank you so very much
01:23:15 Amy Dulak:  Exploring more of the manipulatives , then integrating into teaching
01:23:16 Susan Spigelmre:  thank you
01:23:16 Takeima Ricks:  Using shapes with students.  Thank you this was great!
01:23:16 Karen Owens:  share with teachers and provide opportunity for them to explore..
Linda Catalano: Thank you! Can’t wait to explore these more!

Judith Florczak: We have virtual manipulatives with our online text.....I love the idea of using screencastify for students to share their work.

Branch Pronk: As a coach I will be sharing these apps with my teachers this week! Thank you!

Claudia Phelps Wade: I want to use it to work with my students.

Crystal buegeler: I want to explore and share it with my own child and then my online class.

Janice Novakowski: Glad this is being recorded as this will be something I will want to share with some of my colleagues - thank you Chrissy.

Laronda Raines-Langham: Thank you so very much!

Renee Catalano: wonderful, thank you!

Jeanine Dormer: We are introducing money! I love that the coins have the visuals of blocks.

Frances Lang: Thank YOU!

Kimberly Jones: I love math learning center apps. I have used them for years. I’m excited about the sharing function. I didn’t know that existed.

Leigh Tompkins: I now have some playing to do!!!

Laurie McWillie: Thanks!!

Marjie Hicks: sharing with grade level teams. thank you so much!

Sharon Black-MacKinnon: Thank you so much!

Laura Goss: Thank you.

Ona Ryan: thank you GREAT JOB

karen currie: This was my favorite webinar so far! Excellent information and so timely on how to apply now as well as when we return to the classroom!

Rebecca Hill: As a Math Coach, I cannot wait to partner with Teachers to use these! Thank you so much!

Rachel Wingo: Thanks so much for these amazing resources and ideas!

Inger Murphy: explore the apps! experiment with using them with kids.

Jeanine Dormer: Thank you so much!

Jada Pearson: Thank you!

Olivia DeBruin: Thank you!

Laveta Ebbin: Thank you!

Michelle Emslie: share the webinar and the apps with teachers across primary and junior secondary.

Janet Jimenez: Thank You for this webinar. It was awesome. My next step is to explore the virtual manipulatives and introduce my students to them.

Lyndsay Freed: Thank you. This was great!


Jazavier Smith: Great webinar and enjoy learning more about math and use it back in the traditional classroom.

Amanda Nica: I will push this out tomorrow via Google Classroom.

Lisa Howell: Thank you so much :)

Mary Anne Opila: I look forward to playing and exploring.

Bianca Crespo: also assigning some problems and do number talk.
Carol Keeffe Hendries: might try after working with tools, screencastify how I approached them
Melissa Fast: you cannot download the slides
Daniel Irving: Thank you for modeling these incredible resources with us, and for this amazing presentation!
Claire Andrews: Thank you!!!
Joan Whitfield: Thanks, Looking forward to using them with students now and in the future when we get back in the classroom
Molly Pomposelli Pomposelli: thanks again....
Vijay Parulkar: https://kidslovetech.weebly.com/
Elizabeth Cho: Thank you!
Monica Avalos: Loved this webinar. Thank you so much
Mary Anne Opila: thank you!
Julie Miller: Thank you!
Randi Goetke: thank you this was fantastic!
Ali Semanision: THANKS
Jennie Haynes: I’m excited to use these in our virtual lessons.
Heather Smith: thank you!!!
Lisa Clem: Thank you!! Great information!
Sasha Michael: Thank you!!
Michelle Emslie: Thanks for a well- presented and well-resourced webinar!
LA VERNE MITCHELL: Thank you very much!
Alicia Morales: You should able to find this webinar on facebook, they were live https://www.facebook.com/watch/live/?v=2573551786196085&ref=watch_permalink
Deborah Scott: Thank You, that was awesome.
Kris Graham: Thank you so much - this was awesome
Julie Shelton: thank you
Pam Jones: This was amazing Chrissy! Thank you so much!!!
Inger Murphy: Thank you so much!!
Rebecca Udzik: Thank you!
Michelle Kivett: This was wonderful! I am a Special Ed teacher with Autism Life Skills students. This will take time to teach them but is great.
Stacy Timmins: Thank you
Marianne lesch: Send the recording?
Maria Sampson: Thank you!! very good webinar
Sheryl Bostelman: I am going to explore the websites and then make sure the beginning of the year make sure students know how to use this resource
Kelli Gibb: Thank you!
Carol Keeffe Hendries: thank you!
Jet Yeung: Thank you
Lisa Lambuth: Thank you so much! This was great and I learned a lot of new things!!!
Ashley Brehl: Thanks!!!
Melissa Fast: thanks you
Heidi Schnabel: thank you. very helpful, can wait to use these tools!
Regina Holloway-Kitchings: I love this, I have used virtual
manipulatives for a while or certain sites, but I like how you can share work, you actually see the student work, thank you.

01:24:00 Kathy Reynolds: Hi Parents and Kiddos! This is the information for the Zoom Meetings on Tuesdays. I will be sending another invitation to Thursday's meeting. We are requesting that you choose 1 but we would love to see you at both meetings. The information will be the same each week for this meeting:

Kathy Reynolds is inviting you to a scheduled Zoom meeting.

Topic: Swartz/Reynolds Class Meeting
Time: Apr 21, 2020 11:00 AM Eastern Time (US and Canada)
Every week on Tue, until Jun 2, 2020, 7 occurrence(s)
Apr 21, 2020 11:00 AM
Apr 28, 2020 11:00 AM
May 5, 2020 11:00 AM
May 12, 2020 11:00 AM
May 19, 2020 11:00 AM
May 26, 2020 11:00 AM
Jun 2, 2020 11:00 AM

Please download and import the following iCalendar (.ics) files to your calendar system.
Weekly:
https://zoom.us/meeting/tJUkde6rrDlrG9JyLZc-qPCT0R5vsW_ibKEv/ics?icsToken=98tyKuCp
ktGdacsRiBRowcHYjoKOnzplhcjfp3hTPfAG1CUiDzTtAXJKFIL9iHS

Join Zoom Meeting
https://zoom.us/j/91927329116?pwd=a0ExWGTsSUW0zV2Z0TlzSk9VdHRNdz09

thank you!!!

01:24:01 Jasmine Mills: Thank you!
01:24:01 Terri Smith: Thank you!
01:24:02 Breeann Smith-Lujan: Thank you!!
01:24:02 Tammy O'Grady: Thank you, Chrissy!! It was great
01:24:02 Liz Morris: Thank you NCTM!
01:24:03 Christy Stout: Thank you so much!!!
01:24:03 Jen McFall: Thanks!
01:24:04 Brenda McNeese: thank you.
01:24:04 Khaalia Taylor: Fantastic! So useful.
01:24:04 Cerissa Brown: Thank you somuch!
01:24:04 Wendy McGrael: Thank you
01:24:04 Tiffanie Nealy: Yes!!! Awesome learning
01:24:04 Patti Sanders: thank you!
01:24:05 Beth Nalker: great presentation -so useful!
01:24:05 Marie Clarke: thank you this was great
01:24:05 Camille Nemanic: Thank you! Delightful and helpful webinar!
01:24:06 Deepa Bharath: Thank you Chrissy! I enjoyed thinking through the difference between physical and virtual manipulative.
01:24:06 Valerie Clay: I want to explore to the point I eliminate my fear. Thank you.
01:24:08 Cassandra Proulx: Thank you!
01:24:08 Janelle Koski: Thank you!
01:24:09 Tamara Jackson: Thanks
01:24:09 Megan Wenger: Thank you!
01:24:10 Bonnie Angel: Awesome!
01:24:13 Nonye Obiora: Can’t wait to introduce this to my Pre k-2 teachers who have been craving for ways to engage little hands remotely. Thank you so much.
01:24:14 Kristi Gettelman: Thank you!
01:24:14 Nadia Messadi: THANK YOU
01:24:15 Amiynah Haile: I will be sharing this information with teachers.
01:24:16 Denise Parker: thank you-love the website
01:24:17 Tamara Purry: Thank you
01:24:17 Shari Sklar: WOWWWWWW
01:24:21 Bianca Crespo: thank you so much!!!!
01:24:22 Denise Walston: Thank you- Great job!
01:24:22 Jessica Rock: You’re incredible! Thanks!
01:24:22 Natalie Fawthrop Pooler: Thank you!!!!!
01:24:24 Vijay Parulkar: Muchas Gracias :)
01:24:24 Luzviminda Bayarong: Thank You
01:24:25 Janice Novakowski: Thanks Chrissy!
01:24:26 Dave Hankin: Thank you from Globe, Arizona!
01:24:26 Claire Andrews: SO great - thanks a ton!!
01:24:27 Rachelle Broggin: thank you great job
01:24:28 Carol Matsumoto: Thank you Chrissy!
01:24:28 Monica Avalos: Will definitely be sharing it with my colleagues
01:24:29 Kathy Reynolds: Awesome!!!
01:24:30 Tabitha Stanton: Great PD!
01:24:33 Jodie Dornbush: Thank you!
01:24:33 Julianne Phillips: Awesome!!!!!
01:24:34 Hania Bizri: Thank you
01:24:35 Mandelia Fisher: Thank you so much
01:24:35 Monique Cabellon: Thank you!
01:24:36 Laxman Nepal: Thank you so much
01:24:37 Amy Landry: Thank you!
01:24:39 Amiynah Haile: Thanks, I enjoyed this training.
01:24:40 Alice Dahlstrom: How do you get the certificate
01:24:41 Megan McPartland-Mattrick: TOTALLY FANTABULOUS
01:24:42 Barb Fukushima: Thank you so much!!!
01:24:45 Deanna Rigdon: wonderful information. thank you
01:24:46 Amanda Nica: Very informative
01:24:46 Jeanine Dormer: Great job! Thanks for the useful information
01:24:47 Leticia Chapa: Thank you so much for this! Be safe and have a great evening :)
01:24:51 Sheryl Bostelman: Thank you
01:24:52 Janette Kiso: Thank you! Very helpful.
01:24:56 Valerie Clay: Will slides be available
01:24:58 Marianne lesch: Please send the link to the recording
01:24:58 Carol Keefe Hendries: wonderful!!!
01:25:03 Kathleen Morris: thank you!! Outstanding presentation!
01:25:10 Judith Florczak: Thank You NCTM
01:25:11 Alicia Morales: you can find the webinar on facebook, they were also live on there showing this same webinar
Claudia Phelps Wade: Thank you for this webinar. It was very helpful!

Ada Hill: This was really informative

Leigh Tompkins: Thank you so much!!!

Randi Goetke: Can you please post pdf of slides

Tracie Linville: I joined this morning!


Rita Shamrock: Thank you

Marianne lesch: Thank you!!

Trena Wilkerson: Go Kimberly!

Heather Smith: i already got my certificate wow

Christine Sisco: bit.ly/NCTMVM2020

Monica Avalos: Is the certificate for CPDUs?

Natalie Fawthrop Pooler: So great!

Saira Ali: Thank you to all the panellists.

Michelle Ellam: What were the other sources for manipulatives?

Kimberly Rimbey: These sessions are amazingly well-facilitated. Thank you all!

Regina Holloway-Kitchings: Thank you again, great presentation

Kimberly Rimbey: And thank you, Chrissy...you were awesome!!!!!!!

Kris Graham: Flipgrid is great

Julie Volk: Any resources to help with fractions?

Kimberly Rimbey: I’m gonna try using these with Pear Deck later this week. FlipGrid is a great idea, too!

Bina Kachwalla: I am going to use this with my teachers. So excited

Kimberly Rimbey: Chrissy - I’ll be in touch!!!

Deborah Scott: Can you repeat how the students share with the teacher?

Ann Neely: Thank you so so much. This was fantastic

David Barnes: MyNCTM for more questions?

Tracie Linville: How did you get the prompt when you sent us the link?

Christine Sisco: bit.ly/NCTMVM2020

Sarah Dickie: Thanks for this great opportunity!!

Deborah Scott: Thank you

Pamela West: you said there were other resources?

Kris Graham: Do children choose web or app bases=d

Tracie Linville: I will play around with how to do that

doris Lipari: thank you

Ann Neely: Thank you to everyone at NCTM for providing this opportunity.

Deborah Scott: Thank you so much, this was great.

Branch Pronk: Thank you, Chrissy!

Evette Reece: thank you

Rachel Redden: Thank you. This was great!

Natalie Davis: This was wonderful! Thank you!

Jorge Veloso: Bye bye. I’ve learnt a lot today.