Trena Wilkerson: Welcome! Hello from Waco, TX!
Kerry Morton: Kerry from Oregon
Latrenda Knighten: Welcome! Hello from Baton Rouge, LA!
Sharae Pierret: Good evening! Sharae from Bronx, NY
Aya Zvaigzne: Kind greetings to all from Nashville, TN
Aaron Zwirn: Hello from Southern California!
menekse tok: Hello from Chicago
Jessica Scheele: Seattle WA
Kirsten Bohl: Durham, NC
Aya Zvaigzne: @c
Cynthia Lee: Aloha from Hawaii!!
Kim Johnson: Kim from PA
Beverly Bailey: Diamond, Ohio
Melissa Picard: Milford, MA
Burcu Durmaz: Antalya, Turkey
Leonard VerMaas: Lenny from Nebraska
Natalie Granger: San Diego CA
Rosalyn Bantay: Hello from Philippines
Aya Zvaigzne: @Chonda - love that hair color :-)!
Daniel Irving: Hello from North Providence, RI! Wishing you all a happy and healthy New Year!
Jenny Lopez: Norwalk, Ct
Teresa Reddish: Douglasville, Georgia
Aya Zvaigzne: Hi Trena (waving)
Cristy Ector: Hello from Grand Rapids, MI
Jenny Lopez: Norwalk, CT
Carol Matsumoto: Hi from Winnipeg
Trena Wilkerson: Hi Carol!
Carol Matsumoto: Hi Trena
Trena Wilkerson: Waving Back!
Carole Matsumoto: Hi Latrenda and Chonda
Chanel Purvis: Hello all! Bronx, NY
Leslie Angella Espinoza Pacheco: Good afternoon from Chile
Kirsten Bohl: mathicalbooks.org
Chonda Long: November session - https://www.nctm.org/online-learning/Webinars/Details/530
Mary Kollman: I didn't get to use Nothing Stopped Sophie yet.
Chonda Long: Did you use any of them?
Debbie Nelson: I've been creating CGI lessons with One Fox and Pigeon math and a new favourite Sleep, Sheep
Chance Nalley: I used this for several years in middle schools
Babel Gorham: The Number Devil is a wonderful book - our Teacher of the Gifted and Talented uses it with 4th and 5th. We did some push-ins in my 4th Grade class. Excellent book!!
Kim Johnson: Pascal's triangle
Sharon Stefan: Will her power point be shared with attendees?
Sharon Stefan: Thank you
Kim Johnson: Jo Boaler has a great lesson on finding patterns in this
Chonda Long: The Power Point will be posted with the recording.
Cristy Ector: 1s along the side
Aya Zvaigzne: Complete beauty in the patterns and symmetry
Natalie Granger: I notice there are 1s on the outside
Kirsten Bohl: The pattern is not immediately obvious.
Aya Zvaigzne: symmetry
Cynthia Lee: Base has larger numbers
Glory Jurich-Sarna: number patterns.... adding numbers
counting from above
Sharon Stefan: Adding certain numbers gives next numbers in rows
Cristy Ector: counts 1-6 the second in
Kerry Morton: top numbers equal sum of bottom numbers
Hina Da Sylveira: the center numbers add up to each others going down
Lisa L Lambuth: Palindrome-ish
Burcu Durmaz: There are consecutive numbers diagonally
Chanel Purvis: Vertically from the second 1, it increases by 1
Chonda Long: https://student.desmos.com/join/tdqwva
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Natalie Granger: How cool!
Lisa L Lambuth: yes
Natalie Granger: Yes!
Kerry Morton: I'm in and making iy
Kerry Morton: in
Kerry Lindo: yes
Kerry Lindo: yes
Cristy Ector: in
Charae Pierret: yes
Sharae Pierret: yes
Natalie Granger: Line of symmetry
Kerry Morton: symetry
Lisa L Lambuth: It's the line of symmetry and the line for palindrome-ishness.
Chonda Long: https://student.desmos.com/join/tdqwva
Latrenda Knighten: Love this!
Natalie Granger: How cool!
Cynthia Lee: Beautiful!!
Webinars_and_Webcasts/Webcasts/Jan12WebinarHandout.pdf

00:45:11 Kerry Lindo: the no in a triangle ars addends and sum
00:45:11 Daniel Irving: It's so wonderful to think of something typically thought of as a 'formula'/expression generator, in new and creative ways!

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00:49:50 Kirsten Bohl: The author suggests a whole-school read-aloud activity: https://www.onebookoneday.com/
00:49:53 Daniel Irving: I love this idea! Between this and the math origami webinar, love the hands-on (cross-grade level) explorations!
00:50:43 Trena Wilkerson: @Daniel–both of these cross multiple grade levels!
00:51:06 Daniel Irving: Absolutely!
00:51:08 Trena Wilkerson: THanks@Kirsten for sharing the read-aloud activity!
00:52:08 Trena Wilkerson: So get your colored pens/pencils out and explore Pascal’s Triangle!
00:53:14 Trena Wilkerson: Love the Very Hungry Caterpillar and all the mathematics one can explore! Problem solve AND problem pose!
00:53:20 Kirsten Bohl: Those are great pictures!
00:53:35 Leonard VerMaas: I have collected several math picture books with activities to help students enjoy learning math at http://bit.ly/lennyvpicturebooks
00:53:57 Trena Wilkerson: Thank you for sharing @Leonard!
00:54:18 Daniel Irving: Thank you Leonard!
00:54:21 Kirsten Bohl: Some nice DREME reading guides as well: https://familymath.stanford.edu/activity/storybook-guide-for-eric-carles-123/
00:55:18 Kirsten Bohl: I love this -- like tangrams
00:55:29 Jenny Lopez: I see 10 triangles
00:55:31 Kim Johnson: hexagons
00:55:35 Natalie Granger: 4 of the shapes are the same
00:55:41 Camille Mann: hexagons
00:56:01 Trena Wilkerson: Thank you @Kirsten!
00:56:04 Chonda Long: https://docs.google.com/presentation/d/1gBkiwNR0H37CgiiLSaJu2Ik5CkElLwpbIS8_2-6hEho/edit#slide=id.gb4e4397af0_0_0
00:56:13 Trena Wilkerson: Thank you @Leonard!
00:57:12 Daniel Irving: Great for deriving area formulas of more complex shapes and composite figures!
00:57:20 Chonda Long: https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Patch-Tool/
00:57:36 Trena Wilkerson: Agreed @Daniel–Pattern blocks are powerful across grade levels.
00:58:39 Debbie Nelson: What month/issue is the Hungry for Spatial Reasoning article please
Kirsten Bohl: these are so fun!

Daniel Irving: August 2012, Vol. 19, Issue 1

Kerry Morton: Math Learning Center has a pattern block app that is amazing!

Jenny Lopez: @Kerry I agree

Daniel Irving: @ Debbie: https://www.nctm.org/Publications/teaching-children-mathematics/2012/Vol19/Issue1/Hungry-for-Early-Spatial-and-Algebraic-Reasoning/

Kim Johnson: the patch tool doesn't work in chrome anymore

Trena Wilkerson: Thanks for sharing @Kerry and @Daniel!

Kirsten Bohl: you might have to click on another link -- the first screen wasn't interactive in chrome but there's a link to the interactive place

Jenny Lopez: @Kim oh no!

Natalie Granger: I'm on Chrome and it works for me...

Trena Wilkerson: Notice it addresses algebraic reasoning in the early grades!

Trena Wilkerson: Great book!!! @Which one doesn’t belong—so much problem posing and conjecturing you can do!

Chanel Purvis: The bottom right does not belong because it has 5 sides and the other shapes have 6 sides

Jenny Lopez: For kids who are new to this, you have keep reite

Daniel Irving: Great for providing entry-points for all students. No wrong answer; and so many ways to justify each answer! Empowers each student to share voice!

Chonda Long: https://www.menti.com/gxmftbwkj2

Trena Wilkerson: agreed—idea is to justify!

Kirsten Bohl: can we see the picture again please?

Jenny Lopez: @kristen click on the link and you will see the picture

Trena Wilkerson: That was my husband’s favorite part of Sesame Street! :-)

Trena Wilkerson: Great source...again across grade levels!

Leslie Angella Espinoza Pacheco: Thanks!

Natalie Granger: Not only teaching math discourse, but good listening and social skills being practiced too!

Trena Wilkerson: Indeed @Natalie!

Sandhya Raman: love this book!

Kirsten Bohl: context!

Chonda Long: https://jamboard.google.com/d/1j-cMFHceccfaIE7Kqhj1wURZB3X574_q7Fa3oCTOEfc/viewer

Kirsten Bohl: more enjoyment
Cynthia Lee: I Love Math!
Kirsten Bohl: sense of community
Kim Johnson: Is there a good place to find good math books and activities to go with them?
Kirsten Bohl: mathicalbooks.org
Natalie Granger: THANK YOU SO MUCH! This has been such a great use of my time!
Kirsten Bohl: https://familymath.stanford.edu/
Babel Gorham: Amazing resources Thank You So Much
Chonda Long: https://jamboard.google.com/d/1xqx7pP-SzTPVrxY2NVcCGiJpHJL6JR0b53DaolBN5Z4/viewer
Sharae Pierret: Thank you so much for all the resources. I learned so much. I cannot wait to use these resources in my classroom.
Leonard VerMaas: I think it is important to use childrens books at all level. Many time we use them less as students get older. Older students love them as well.
Maegan Harris: I’d love to see your list of geometry books!
Kirsten Bohl: ooooh
Jenny Lopez: Great!
Tarek Qeshta: Thank you for the webinar and I look forward to seeing the record of it if it possible.
Chonda Long: The recording will be available tomorrow.
Kim Johnson: Can you give the link to join?
Natalie Granger: I love this!
Lisa L Lambuth: Thank you so much for this informative and fun presentation. It’s been a joyful time!
Teresa Reddish: Loved this!
Kerry Morton: Thank you!
Jenny Lopez: Can you go back to the previous
Glory Jurich-Sarna: TY! Awesome!
Sandra Figueroa: Thank you so much ladies! Wonderful ideas and resources!
Trena Wilkerson: www.nctm.org/register
Daniel Irving: Thank you all for such a wonderful presentation, engaging activities and sharing powerful resources!
Carol Matsumoto: Thanks Trena and Latrenda
Hina Da Sylvelra: Thank you
Lisa Aldous: Thank you!
Kirsten Bohl: Boy, this crowd knows how to pack an hour with so many wonderful activities. Thank you!
Muhammad Husnul Khuluq: thanks for the enjoyable presentation
Trena Wilkerson: If you are a member you log in and go to MyNCTM up in the top corner.
Chanel Purvis: Tonight was amazing!! Thank you so much ladies. I really enjoyed everything!
Trena Wilkerson: Hope you will join in the MyNCTM Community so we can share and discuss!
01:22:42 Trena Wilkerson: All kinds of different books for the one Thursday night!!
01:23:29 Latrenda Knighten: Thanks so much for joining us tonight! Trena and I are so thrilled that you guys were able to “play” with us tonight.
01:23:31 Trena Wilkerson: Thanks everyone for being here and sharing ideas!
01:23:58 Kathleen Morris: Outstanding presentation, Trena and Latrenda! Thank you for all the fabulous ideas and resources...lots and lots I'll use right away!!
01:24:11 Aya Zvaigzne: Thank you very much Trena and Latrenda. It was a very resource and idea packed webinar. Most wonderful!
01:24:15 Heather Adair: Thank you!
01:24:15 Cristy Ector: thank you!
01:24:24 Alina Stauffer: Thank you!
01:24:25 Tarek Qeshta: Great
01:24:25 Jenny Lopez: Thank you
01:24:30 Leonard VerMaas: Thanks for the sharing. Lots of good ideas.