

00:17:33 Victoria Angelo: Erie, PA. 4th/5th
00:17:58 Lateefah Id-Deen: Atlanta, GA, future 3-5 elementary teachers
00:18:08 Colleen Barnes: Pittsburgh Pa, high school
00:18:22 Jayme Lorenz: I'm originally from Titusville, PA!
00:18:28 Daniel Irving: North Providence, RI (High school)
00:18:29 Nicole Thompson: Nicole Thompson -Hoover, Alabama, high school
00:18:29 Joshua Hertel: Welcome everyone!!
00:18:46 Victoria Angelo: Originally Fryburg, PA
00:39:46 Joshua Hertel: Discussion Questions:1) What are your reactions to the activity/lesson?
2) What questions do you have?
3) How was the technology used by students and the teacher?
00:42:20 Leana Borges: I was wondering is there any way you might suggest a lower grade (3rd - 5th) activity?
00:43:06 Leana Borges: What's the name of the program (the use of the sliders)?
00:43:28 Jaclyn Murawska: We used GeoGebra.
00:43:30 Sean Nank: The program is GeoGebra - open source!!
00:43:41 Jaclyn Murawska: Yes, free!
00:44:19 Leana Borges: Thank you
00:44:52 Trena Wilkerson: <https://www.geogebra.org/>
00:45:25 Jaclyn Murawska: People can search GeoGebra files for any grade here: <https://www.geogebra.org/materials?lang=en>
00:45:26 Sean Nank: and third through fifth grade activities, yes!! Any geometric exploration can be used - it's mostly a matter of them wondering about shapes and creating conjectures
00:46:02 Jaclyn Murawska: This used to be called "GeoGebraTube." But there are over a million free resources.
00:46:20 Ritu Virmani: Thanks for the link! I'm sure there are many activities for all grades there. Love, Geogebra!
00:46:33 Ritu Virmani: comma is a typo. I am not Geogebra.
00:47:33 Leana Borges: Thanks so much for the link and thank you SNank for the suggestion
00:48:44 Jaclyn Murawska: Agree with Josh! What's the math content. Then find the tech that helps develop conceptual understanding!
00:50:04 Leana Borges: OK thanks- with that being said I need to research getting students to converse about fractions
00:57:46 Jaclyn Murawska: I love how this activity, just like Sean said about analogous grades 3-5 activities, allows students to wonder, and make conjectures about big picture ideas!
01:03:14 Jaclyn Murawska: This Lidor sensor is intriguing. I see online that they usually cost \$500-1,000 minimum. Do you only own one per school/institution or is there somewhere we can get a deal on these? 😊
01:04:32 Steven Edgar: Schools need to demand a Math Lab! I would live there!
01:05:41 Stacey Bow: Vernier-Science Education supplier
01:05:57 Jaclyn Murawska: Ah. Vernier.
01:07:58 Sean Nank: I want a Lidor sensor, I hear it as lie-dar, like it detects lies!! Can I get one?! I'd have to turn it off every time I lie but I'm

good with that!!

01:08:15 Ritu Virmani: We used vernier tech when we were teaching how independent variables effect dependent variables.

01:08:21 Trena Wilkerson: Vernier has great probes and such for collecting data!

01:08:46 Jaclyn Murawska: Yes, I used to use Vernier probes. But then I stopped using TI calculators.

01:09:03 Trena Wilkerson: <https://www.vernier.com/>

01:11:27 Leana Borges: The visual representation...url... students receive the information differently- seeing the movement ...I actually was thinking about 3-Act math too

01:13:19 Victor Soria: I do not have a suggestion, but why choose something that is periodic. Because, I can see a student still think they are correct in direction but at a different magnitude.

01:14:18 Trena Wilkerson: Thank you all!

01:14:27 Daniel Irving: Thank you for such an incredible session!

01:14:39 Craig Cullen: Thanks so much for coming everyone!

01:14:40 Mary Majerus: Thank you - I really enjoyed this session!

01:14:48 Prudence York-Hammons: Thank you.

01:14:48 Ritu Virmani: Thank you!

01:14:49 Leana Borges: Thank you so much

01:14:55 Sean Nank: Thanks all!!!

01:15:00 Alexander Torgov: Thank you so much!

01:15:11 Stacey Bow: Vernier probes talk to computers and smartphones now.

01:15:25 Jaclyn Murawska: Good to know. Thanks!

01:15:25 Stacey Bow: Thank you for today!

01:15:30 Jaclyn Murawska: Thank you all!