

00:11:02 Desmond Martin(He/Him/His): Hey all!

00:12:07 Debra Verber: I have STEM bins my students used each morning... about 20 different boxes... I loved seeing how they used the materials differently throughout the entire year and never got tired of them... lots of new concepts and little competitions they started among each other.

00:12:25 Ann Dettmann: I loved watching our 2nd graders learn about bird beaks and their foods and then use “junk” to make bird feeders for each type of bird. Creative, application!

00:12:29 Jennifer Klaers: When students built a tower to the ceiling! (I was an observer at the time, not a STEM teacher).

00:12:38 Madison Dorn: When it was incorporated into different content areas!

00:12:41 dustybudd: As a sub teacher, the robot mice that students programmed to follow a specific path

00:12:46 Mary Beth Botz: We Share Solar pilot program to build a solar suitcase that was sent to a refugee camp in Uganda. Combo Science/Social studies curriculum and a knowledge to Action project

00:12:48 Jenny Janssen: When my local 3M plant offered to come and teach mechatronics, complete with a classroom set of trainers. They provided all the equipment and software to expose kids to mechatronics.

00:12:56 R. Jahr: Mummifying chickens with students when studying Ancient Egypt

00:13:04 Randy Frels: My students created and modified paper airplanes. We tested them and then they had a chance to improve their designs, We retested and talked about what worked and what didn't.

00:13:13 Carrie Williams: I teach lego robotics in my third grade classroom and they loved it!

00:13:23 emoening: Seeing Kindergartner’s learn to code a robot!

00:13:25 Ellen Schafer: Building earthquake-safe towers and being able to test them on a tremor table borrowed from the science museum!

00:13:28 Michael Compton: When we have youth explore engineering through hands-on activities focused on exploring issues and creating solutions using the engineering design process.

00:13:39 Katelyn Shipler: Working with my students and watching them build a slide using the best surface and designing what will make the slide faster and to work together to make the "person get down the slide" (1st grade)

00:13:39 Claudia Zupancic: Students design process & reactions on making “earthquake” proof spaghetti structures & putting them on a shake table when I taught 7th grade Earth Science.

00:13:40 Chelsea Wagner: Exploring STEM during college and thinking about using it in my classroom. Also students building marble rollercoasters and not giving up. 2nd grade

00:13:43 brent.rehfuss: I also do Science Olympiad for High School

00:14:40 Gene Poole: Watching my students gather around the 3-D printer with a sense of awe that this thing can create their designs. In particular I will never forget the first year I had the printer in my class and one student who was really challenged in math took his design home with a look of pride that was unmistakable.

00:15:12 Becky Weber: Having students work in a project and limiting what they can do

00:15:51 Deb Lehn: Our school is a STREAM school and we are constantly working on incorporating STEM as much as we can. We have done multi-grade level STEM projects together.

00:26:48 Mary Beth Botz: Wonderful opportunity to explore with Native American students an environmental inquiry.

00:27:07 Desmond Martin(He/Him/His): Share success in connecting with students who are different than you!

00:27:46 Jenny Janssen: Helped a low income, LD students with a science fair project and he advanced to state. Filled out the application for the scholarship so he could afford to go. He said he had the time of his life at state science fair!

00:29:29 Claudia Zupancic: Teaching Outdoor & Environmental Education to inner city students in a very rural setting and the excitement they had learning about the natural world.

00:30:34 Colleen (she/her): During work time, I usually ask students for music suggestions that they want to hear while they are working. A new student to our school, who's first language is not English, started opening up and sharing a bunch of songs she liked. We then had a great discussion about our favorite musicians and after that, she was less hesitant to talk to me & found free time to discuss what was going on in the music world. Building rapport is so important when creating a calm & comfortable learning space.

00:38:24 Ann Dettmann: I had two students who were recent immigrants. I tried to honor their silent period until they were ready to speak, knowing this was a vulnerable thing and they needed to trust me. It was worth the wait.

00:42:06 Ann Dettmann: I know what SEL is. What is SEO?

01:08:17 Lisa Vosbeek: Please take a moment after the session today to complete the Conference Evaluation. Your feedback is important to help us plan future conferences.
<https://www.surveymonkey.com/r/6DXGYC9>

01:08:54 Chelsea Wagner: Can we see him??

01:10:11 Mary Beth Botz: Thank you. I appreciate the way you widened of my perspective.

01:10:28 Randy Frels: He's so cute!

01:10:31 kzobel: adorable puppy

01:10:35 Chelsea Wagner: So cute!! Thanks!

01:10:35 Jill Witham: Cute!!!

01:10:39 Madison Dorn: Thank you!

01:10:43 Cheryl Kasper: Good information

01:10:46 Becky Weber: Thank you

01:10:49 Katelyn Shipler: Thank you for the information today

01:10:49 Colleen (she/her): Thank you, can't wait to share with my team!

01:10:52 Randy Frels: Thanks!

01:10:57 Carrie Williams: Thank you!

01:11:01 dustybudd: Thank you

01:11:16 Claudia Zupancic: Thank you, great information!

01:11:33 Deb Lehn: Thank you! Lots of information!

01:17:20 Jennifer Klaers: Thanks so much Desmond!!

01:17:24 Desmond Martin(He/Him/His): <https://www.surveymonkey.com/r/6DXGYC9>