



**Chat Transcript for NGCP webinar:
Finding and Using High-Quality Digital STEM Resources**

August 12, 2020

Marisa Garcia: Welcome, everyone!

Jennifer Ehehalt (Common Sense Education): Hello everyone! Welcome!

Sherrie Dennis: Hi I am joining from Tucson AZ

Karen Peterson: Welcome everyone!

Cheri Burch: Hello! I'm the Curriculum Coordinator for

Ana Rodrigues: Hello, Ana Rodrigues from Toronto, ON, Canada

Kathy Thomas: Hello all! Kathy here from The Connectory (calling in from Seattle)

Gina Suarez: Hello everyone! I'm Gina Lead Youth Counselor from YWCA Minneapolis Girls Inc.

Jacy Edelman: Hello everyone!

Madison Weaver: Hi! Madi from the Girl Scouts in Tampa, FL!

Lisa Rhoades: Durham NC

Alison Varrell: Massachusetts

Manny Leon - AZ: Manny Leon Tucson, AZ

Janet Knox: hello from sunny Colorado Springs!

Beth Taylor: Hi, I am Beth. I am joining from iSPACE in Cincinnati OH. We are a not for profit STEM education center.

Karen Vogt: Middle school teacher from Temecula, CA

Lindsey Tosches: Massachusetts

J Dobies: Pittsburgh pa

Karen North: Houston, TX

Kevin Kopchynski: Kevin Kopchynski Springfield Massachusetts

Joe Wahle: Ellensburg, WA

Susan Black: Hello Everyone! I am in Point Roberts, WA!

Gwen Hearn: Alexandria, VA

Sarah Massopust: Milwaukee, WI

Cheri Burch: Tech Trek NM.

Allee DeFronzo: Hello! Allee DeFronzo, Girls Inc. of Lynn - Lynn, Massachusetts

Thanh Nguyen: Nevada

Melissa McCallister: Good Morning Everyone! Mesa, AZ

Beth E Kennedy: hello from Bozeman MT

Matt Smidt: Bennet, Nebraska

Ellie Marois: Hi! Ellie, volunteer outreach coordinator for Society of Women Engineers Boston section

Neil Thawani: Hi. Neil from mid-MO here.

Shalane Harris: Phoenix, AZ

Shannon Jones: Hello All! Shannon Jones from Little Rock, Arkansas.

Mayra Cabrera: Los Angeles County, CA

Terri J (she/her): Hockessin, Delaware

Mary Thurber: Hello from Seattle!

Kristina Rigden: I am the Director of the Femineer Program, a K-12 Outreach program to engage girls in engineering at Cal Poly Pomona in CA

T. Ogawa: Hi from Kingston, WA

Merve Rida Bayraktar: Hi everyone, I am Rida Bayraktar and I am from North Carolina. I am the Founder of Pink STREAM which is an organization to introduce K-8 women in STREAM (Science, Technology, Robotics, Engineering, Arts, and Math) please visit our website www.pinkstream.org to learn more about us and contact me if you are interested/working in women in STEM education

Sara Kobilka: Fishkill, NY

Emma Spencer: Hello! Emma Spencer, Youth Development Associate for Afterschool for Children and Teens Now (ACT Now Coalition) the afterschool network for the state of Illinois. Joining from Chicago, IL

Cyra Sadowl: I'm the education director of Airway Science for Kids in Portland, Oregon

Susan Black: Kristina, do you work with Lily Gossage by chance?

Kristina Rigden: Hi Susan. Yes, Lily is my colleague.

Eric Franks: San Diego, Creative Coordinator for National Marine Mammal Foundation

Brittany: Brittany is here from San Diego CA, the National Marine Mammal Foundation!

Brooke Meyer: Hello, I am from Tucson, Arizona, like so many others.

Michael Kerr: Michael Kerr, Springfield Science Museum (Massachusetts)

Sara Kobilka: No option matches me, I'm an independent contractor in the informal STEM world

Angela Swanson: Middle School STEM in Cary, IL

Cheri Burch: Albuquerque NM

Trudi Plummer: Hello from Bangor, Maine

Susan Black: I worked with her at CSULB.

William Fee: Lead Instructor of the State Librarian of PA's STEMLab in Harrisburg, PA

Laura Martinez: Hello! Laura Martinez from the STEM Outreach Center in Las Cruces, New Mexico! It's chili season here! Check out our website at stem.nmsu.edu for free STEM resources for everyone!

Madeline Frawley: Hi! My name is Maddy, I am a Lead Counselor for Girls Inc. Eureka! at YWCA Minneapolis!

Michelle Paulsen: Hello all; I direct a number of outreach and communication programs at Northwestern University outside of Chicago. I prepare and connect PhD students to opportunities to collaborate with K12 teachers and programs.

Janet Knox: I'd like to receive the list of resources that are in the chat.

Jennifer Eehalt (Common Sense Education): Hello everyone! We are so glad you are here!

Shana Ponna: Hello from New Jersey

Lindsey Carmichael: Lindsey C, STEM Club & Scholarship Coordinator from the Texas Alliance for Minorities in Engineering (TAME) from Austin, TX

Madison Weaver: Madeline, I used to work at GI and was trained to deliver Eureka! Fun!

Kimberly: Play Like a Girl is excited to be here today!

DaNel Hogan: Director of The STEMAZing Project in Tucson, Arizona. www.STEMAZing.org

Madeline Frawley: That's awesome Madison! Nice to meet you!

Jon Mannion Bronx Academy for Software Engineering: www.linkedin.com/in/wblbase

Jon Mannion Bronx Academy for Software Engineering: Jon Mannion Bronx Academy for Software Engineering.

Kathy Thomas: <https://theconnectory.org/>

Colleen: Hello from Texas

Kathy Thomas: <https://www.fabfems.org/>

Claudia Meeks: Hello 4-H Agent in Colorado!

Sara Kobilka: What a great looking group of people ;)

Tabitha Dunn: Hello from New Hampshire!

Dale McCreedy: Hi - Joining from Murfreesboro TN - TN Girls Collaborative and Discovery Center at Murfree Spring

MervineN: Hi from Arizona

Jennifer Eehalt (Common Sense Education): So excited to be here!

Mary Bonaparte-Saller: Hi from Los Angeles! Here from USC's School of Engineering K-12 STEM Center.

Colleen: Colleen here from Texas, I'm part of the Makey Makey team and we LOVE SCRATCH!

Sara Kobilka: Could you put a list of the presenter's names in chat?

Karen Peterson: Keep sharing in the chat - we will be sharing it with all.

Connie Kelly: Connie Kelly, IEEE Region 4 K-12 Activity Coordinator, CAP AE ILWG Staff, HI from the Chicago area

Dennissa Brown: Hello everyone! I'm joining from North Jersey. I am an assistant principal of a STEM school and an EdTech researcher/consultant

Karen Peterson: Yes, Sara - will do.

Karen Peterson: Jennifer Eehalt, Common Sense Media

Angela: Aloha from Hawai'i! Representing Girl Scouts of Hawai'i.

Karen Peterson: Sue Cusack, Graduate School of Education, Lesley University

Karen Peterson: Jacy Edelman, Scratch Foundation

Jolene Gustafson: <https://www.commonsense.org/education/articles/12-tips-to-help-you-identify-classroom-ready-tools>

Karen Peterson: Kiley McElroy-Brown, Concord Consortium

Ana Rodrigues: Love Common Sense. Use it every week to check if Movies and series are appropriate for my daughters and students.

Karen Peterson: Nettrice Gaskins, Lesley STEAM Learning Lab at Lesley University

Karen Vogt: I have been tasked with starting a STREAM elective at my middle school. I am looking for low/no cost items to create modules for a semester-long course. My site is starting fully online on Monday. I'm looking for resources to use immediately. I also want to start a girls STREAM club!

Karen North: Is Common sense education free?

Karen Peterson: Karen - yes - what she is sharing is free

Neil Thawani: This is so typical of Common Sense. It's the bee's knees. Lots of great collections.

Karen Peterson: Agree Neil!

Katherine Weber: Hello from Ontario, Canada

Marisa Garcia: so important to consider these privacy checks! it also helps create peace of mind for families

Sara Kobilka: Does Common Sense provide any ratings regarding the bandwidth required to use a product?

Jolene Gustafson: <https://privacy.commonsense.org/>

Jolene Gustafson: <https://wideopenschool.org/>

Jolene Gustafson: <https://www.commonsense.org/education/website/penpal-schools>

Jolene Gustafson: <https://www.commonsense.org/education/website/kqed-education>

Marisa Garcia: you'll get all slides and a resource list after the webinar

Jeffrey Stoffer: Where is the list of resources on common sense site? I looked and can't find it?

Katherine Weber: Wow! Thanks for sharing! These resources are great!

Karen North: That is the problem ... time to choose. Looks like most on this webinar are librarians.

Thinking they might be the solution - Do you have data on librarians in public schools in Texas using these resources? Thanks for some common sense.

Jolene Gustafson: <http://steam.lesley.edu/>

Jennifer Eehalt (Common Sense Education): wide open school is all free activities

Ana Rodrigues: Question: What are the challenges that the teachers encounter when trying to implement Maker Spaces in their schools and methodologies?

Marisa Garcia: collaboration in remote learning can be a challenge. The PenPal idea Common Sense shared could be a good way to work that in

Jennifer Ehehalt (Common Sense Education): Flip grid is a great tool too

Jennifer Ehehalt (Common Sense Education):

<https://www.common Sense.org/education/website/flipgrid>

Marisa Garcia: yes, Flipgrid is fantastic! Keeping learning social, even when remote!!

Karen North: How do we get having a maker space part of accountability and school report cards? Gary Stager has been promoting this for decades. as well as Papert and Logo Foundation.

Jennifer Ehehalt (Common Sense Education): great for K-12 ...kids love it

Karen Vogt: Flipgrid was my favorite way of staying connected with my students asynchronously.

Colleen: Yeah Makey Makey!

Colleen: I've been building Makey Makey classes for kids at home!

Marisa Garcia: such a cool tool! and you can connect it to free programming apps like Scratch.

Colleen: All those resources are free and on our webpage! <https://makeymakey.com/pages/how-to>

Manny Leon - AZ: Students working on the same project and looking to build models with repeatable results can help with distance learning. They can share observations, share data, and discuss improvements. See if they can all build the same model and achieve the same results.

Colleen: That's a cool idea, Manny! I think if you have a live class on building, then let them make in breakout rooms or on their own, they can all share their results again synchronously or on Flipgrid

Madison Weaver: Colleen, thanks for sharing!

DaNel Hogan: Check out our #STEMontheCheap collection here: <https://stemazing.org/stem-on-the-cheap/>

Manny Leon - AZ: I second STEMazing. Danel and her team have great STEM activities there

DaNel Hogan: Also, if you have not explored Toys from Trash, it is a goldmine!

<http://www.arvindguptatoys.com/toys.html>

Jacy Edelman: Love Toys from Trash!

Nayadeth Sipes: Thank you!!

Trudi Plummer: We've taken on handing out free lunches from the USDA for the summer feeding program and have added STEAM Snacks brown bags for the kids.

Sue Cusack (she, her, hers): <http://steam.lesley.edu/star-initiative/>

DaNel Hogan: And another favorite is the RAFT (Resource Area for Teaching) Idea Sheets - check out Design Inspirations and Buzz Off - a couple of our favorites! <https://raft.net/classroom-idea-sheets/>

Neil Thawani: Wow thanks, DaNel.

Neil Thawani: These looks great.

Jolene Gustafson: <https://scratch.mit.edu/educators>

Dennissa Brown: Hi Everyone. These are great resources. I'm wondering if there are resources that address STEM for older students (high school grades 9-10)?

bella: Hi from Windsor Ontario Canada :)

Karen North: How many on this webinar are new to Scratch?

Katherine Weber: Scratch is new to me:-)

Kristina Rigden: The Femineer Program uses Scratch for our first-year curriculum.

Ana Rodrigues :Hi Bella and Katherine, talking from Toronto, Canada as well. I have a lot of experience with Scratch, so, if you need help, let me know at ana.oliveira.rodriques@gmail.com.

Karen Vogt: I taught Code.org - but let students use other if they wanted to learn more.

Sue Cusack (she, her, hers): @Ana R - the challenges that we see in schools relates to the adoption of the maker mindset. Making is a more constructionist approach to learning and this pedagogy is new

to most educators. We see schools launch makerspaces but often do not think about its influence systemically - like a place where all teachers could come together to and engage in hands-on, transdisciplinary activities

Ana Rodrigues: Yes, Kare, combining code.org with Scratch is great.

Amy Reyes: We use Scratch a lot - especially for Hour of Code programs

Katherine Weber :Hi Ana! Thank you!

Kiley McElroy-Brown: The Concord Consortium will highlight the materials and resources for high school students.

Lysha Thompson: Can public librarians also sign up for accounts? Would they sign up as educators?

Tabitha Dunn: Are there resources for Scratch Jr also?

Angela Swanson: I use Google CS First lessons with Scratch

Ana Rodrigues: Thank you for that answer, Sue. I have found that in my previous job as well. Do you have tips and ideas of how to overcome this challenge?

Amy Reyes: @Lysha - I did

Sue Cusack (she, her, hers): @Ana R - often there is also only one person responsible for the space so it become more of a special than an integrated and authentic learning ecology that could be used across the school with a shared responsibility for its success and ensure its inclusivity

Ana Rodrigues: @Tabitha: Yes, there is. <https://www.scratchjr.org/teach>

Lysha Thompson: Thank you @Amy

bella: Thank you @ana might connect with you. Looking for someone to teach coding for our Girl STEAM program

Katherine Weber: Hi Ana, what organization do you belong to or are you a teacher?

Tabitha Dunn: Thanks @Ana

Colleen: My 11 YO just made her own Google Classroom so she can teach her friends Scratch!

bella: @colleen that is awesome :D

Colleen: We are a Scratching family!

Ana Rodrigues: @bella That would be great! I have lots of experience with that. Would love to do it.

Lysha Thompson: @Colleen - I Love that!

Marisa Garcia: that's amazing Colleen!! Scratch is such an accessible resource and it's amazing that it's free!!

Sue Cusack (she, her, hers): @Ana R - yes, it has worked in schools where there is buy-in from the community and the school admin. Often teacher support is insufficient - admin can too easily squash teacher lead initiatives even if only by neglect, and it is too hard for any one teacher (often a librarian) to carry on their own. It will benefit a few students, but we gauge success when it is implemented in all classrooms - from K - 8, special ed spaces, art etc

Jennifer Eehalt (Common Sense Education): we are a Scratch family too :)

Colleen: She's been Scratching since 6, but the social aspect is full on now that she is 11 (and has a Chromebook)

Colleen: She's really into making tutorials for other kids too.

Jennifer Eehalt (Common Sense Education): Scratch Camp sounds fun!

Colleen: Scratch Camp looks great!!!

Ana Rodrigues: That looks amazing!

Ana Rodrigues: @bella, your email bounced.

Marisa Garcia: the remix feature is a really cool component of scratch

Ana Rodrigues: I love the remix and the comments, so they can learn digital citizenship in a safe environment.

Sarah Massopust: can you put the link for scratch camp in the chat?

Marisa Garcia: <https://sip.scratch.mit.edu/scratchcamp/>

Jennifer Ehehalt (Common Sense Education): love the digcit component

Sarah Massopust: thank you!

Colleen: Here is a studio my 11 YO made for an art competition she is hosting on Scratch. She wants you to remix the original project <https://scratch.mit.edu/studios/27192435/>

Jolene Gustafson: <https://scratch.mit.edu/educators>

bella: @ana anabellahatami@westofwindsor.com

Colleen: Getting Unstuck was also amazing this summer!

<https://gettingunstuck.gse.harvard.edu/prompts>

Jennifer Ehehalt (Common Sense Education): <https://www.weareteachers.com/brain-breaks-for-kids/>

Nettrice Gaskins: There was a question about resources for older students that I will address during my presentation.

Marisa Garcia: concord.org

Marisa Garcia: <https://learn.concord.org>

Marisa Garcia: Concord Consortium resources are great for older learners

Dennissa Brown: @ Kiley McElroy-Brown: The Concord Consortium. Thanks!

Jacy Edelman: The team at Tufts University DevTech Research Group has published activities for younger learners to engage in ScratchJr, a free app appropriate for children ages 5-7 years. Their dedicated educator page includes a short video tutorial, several project guides, creative curricula, and assessment strategies.

Jacy Edelman: <http://scratchjr.org/teach/activities>

Marisa Garcia: such amazing ways to manipulate data with students

Lindsey Carmichael: How much do the curriculum packages cost?

Jolene Gustafson: <https://concord.org/resources>

Gina Suarez: Are the resources and websites shown so far accessible to learners who are working from a cellphone?

Carolina Simon-Pardo: Hello! I would like to ask a question, I teach elementary students and I would love to use Scratch and other interactive sites and apps, but I will host live Zoom classes and I do not think students will be able to switch between apps, so I wonder if the apps use will be on their own, independently, Do you have any recommendations about this?

Alison Varrell: what are the age ranges for each of these different resources from concord consort

Marisa Garcia: on their website you can sort by grade level

Alison Varrell: thank you!

Jacy Edelman: Carolina, if using Zoom, you can have everyone share their screen at the same time to work on Scratch collaboratively. What age are you working with?

Neil Thawani: Carolina, you might experiment by asking kids to make something that tells a story. Kids pick up Scratch pretty quickly - you might assign overnight or two-day projects based on your lessons.

Jolene Gustafson: <https://www.instructables.com/member/ngaskins/>

Manny Leon - AZ: Yes! on STEAM Capital

bella: This webinar is AMAZING

bella: Can we please get a recording

Marisa Garcia: yes, the recording will be shared! so glad you're finding this helpful

Marisa Garcia: we are thrilled to have such great presenters!

Colleen: YEAH Grand Master Flash!

bella: so much good information thank you

Angela Swanson: Thank you so much for this presentation. I have gotten more out of this than the dozens of other presentations I have attended this summer.

Susan Black: I am learning so much from this presentation.

DaNel Hogan: Great resources from Smithsonian related to the innovations associated with Hip-Hop:
<https://invention.si.edu/tags/hip-hop>

Carolina Simon-Pardo: Jacey I am working with 7 to 10 year old

Colleen: Yeah Instructables! Thank you, Nettrice!

Jolene Gustafson: <https://www.instructables.com/member/ngaskins/>

Colleen: Tinkercad is about to announce some new distance learning lessons too!

Carolina Simon-Pardo: Thank you Neil

Colleen: Wow! This quilt project is amazing!

Marisa Garcia: it's really beautiful and a great way to weave science and storytelling

Marisa Garcia: pun intended :)

Neil Thawani: Sure, Carolina. *thumbsup*

Karen North: Love quilting ... Do you get local quilting clubs to mentor students? Implementation solution?

Dennissa Brown: This webinar is definitely top notch!

Claudia: Can I get your contact information to follow up with you?

Jennifer Ehehalt (Common Sense Education): sure...jehehalt@commonsense.org or @jehehalt

Claudia: I would welcome all presenters contact information?

Kiley McElroy-Brown:kiley@concord.org

Sue Cusack (she, her, hers): Sue Cusack, Lesley STEAM Learning Lab scusack@lesley.edu

Jacy Edelman: Please reach out! Jacy from Scratch: jacy@scratch.mit.edu

Sue Cusack (she, her, hers): @Colleen - hey there! Nice to see you share stories about your daughter!

Colleen: She's teaching me a lot more about Scratch

Alison Varrell: Quilt Museum in Lowell, MA might Skype with students???

Colleen: she sees it in a totally new way

Sue Cusack (she, her, hers): @Alison - thanks for the tip!

Pamela Bingham: Gee's Bend Quilts. Outstanding! I got a quilt book from Jo Ann's to teach environmental concepts. I am an enviro engineer.

Claudia: I just heard about this presentation from another educator. Great!

Colleen: I love the paper quilt idea too! Especially for younger kids who aren't ready to sew

Neil Thawani: I'm interested in using Twitch for education.

Colleen: @neil, do you follow any Twitchers for education?

Colleen: I've only seen gaming, etc

Nettrice Gaskins: The purpose of the Instructables was to address remote learning. FYI.

Sue Cusack (she, her, hers): @Pam - thanks - we have a library that we are building for people who come into our space at Lesley, and this book looks like it would be a great connection to our Climate Action work

DaNel Hogan: Teachers might find our new #SciencingAndEngineering Collection useful. We just finished a fully virtualized Orientation to Groupwork unit adapted from Stanford curriculum which is 10 class periods of engagement fully ready to use. And it is a growing collection which is using out STEMAZing Teacher Leader Corps to develop new lessons and units. <https://stemazing.org/sciencing-and-engineering/>

Colleen: Nettrice's Instructables <https://www.instructables.com/member/ngaskins/>

Neil Thawani: I don't, Colleen. I got this idea because I'm an OST CS educator and our physical space is inaccessible.

Carolina Simon-Pardo: Thank you!

Colleen: They have a teachers side too: <https://www.instructables.com/teachers/>

Neil Thawani: It's either Twitch or Zoom but Twitch has cool emotes, "staging" viewers, etc.

Neil Thawani: A friend of mine does math education on Twitch.

Claudia: I would love to follow up with Nattrice Gaskins. Can I get your contact information particularly?

Neil Thawani: That's great, Colleen. Thanks. I'll reach out in the upcoming days.

Matthew Cross: I run our Coding Club, that uses Scratch, on Google Meet.

Melissa McCallister: HUGE Thank you to all of the presenters today. All of you are incredible and this was the best webinar I have attended in a while.

Colleen: I think teachers need more help figuring out how to blend synchronous and asynchronous activities

Claudia: melissa - agreed.

Jacy Edelman: Matthew: how do you handle kids toggling? Any issues?

Laura Martinez: <https://stem.nmsu.edu> for free STEM resources. We do a variety of STEM/Tech stuff year round. Service about 7,000 kids a year. check out our website or email me:

imm5112@nmsu.edu thanks everyone for today

Karen North: Do you have a database of public schools in Houston who are using your Scratch tools to build a collaborative of libraries who I think can be the leads.

Colleen: Use those live hooks as the synchrons activity and then let them play

Pamela Bingham: Pamela Bingham GLOBE Tennessee State University and Girl Scouts Commonwealth of Virginia, Please send links, pamelabingham@gmail.com

Claudia Meeks: Agree with Melissa! This was exceptional and you all provided so many great resources!

Nettrice Gaskins: Email: ngaskins@lesley.edu

Colleen: Google Jamboard is a cool prototyping tool for drawing out ideas!

Matthew Cross: Jacy: so far there aren't any. We only have about 4 kids in it right now. Most want to get back to inperson lessons.

Jacy Edelman: Karen, not sure I understand your question, please please email me?

jacy@scratch.mit.edu

Jennifer Ehehalt (Common Sense Education): Love Google Jamboard

Colleen: Thanks, ladies for great ideas!

Colleen: @jennifer - my daughter taught me about it! lol

Jack Craft: Is anyone integrating gamer culture (middle school) in STEAM activities?

Jennifer Ehehalt (Common Sense Education): ha! love it! :)

Colleen: @jack, I am making at home classes for this using Makey Makey

Colleen: building DIY sensors with everyday stuff and coding in Scratch

Manny Leon - AZ: A colleague also has used discord to connect and share

Alison Varrell: Seesaw is a platform where kids can draw/write etc

Colleen: (and also Makecode)

Sue Cusack (she, her, hers): BitMoj's very popular with k12 right now

Connie Kelly: Discord is also very flexible.

Jennifer Ehehalt (Common Sense Education): <https://www.facebook.com/groups/2568655663438916>

Nettrice Gaskins: Yes. In the past I have worked with students on Alternate Reality Games and a fully realized computer game.

Karen North: I am supporting NCWIT Aspirations.org high school students who are doing amazing things. See <https://www.ehackforcharity.org/>

Marisa Garcia: I've seen Seesaw a lot with young students K-2

Colleen: This is a webinar we did yesterday on STEM from a distance:

https://www.youtube.com/watch?v=whe_V59-aU0

Alison Varrell: Seesaw has a free version with more limits on tools, but there's also Seesaw Plus and Seesaw for Schools

Nettrice Gaskins: Biomechanical Cyborgs using found materials - another scavenger hunt activity at home

Alison Varrell: I'm concerned about how to bring makerspace/hand on science to remote learning

Susan Black: This has been really great! I just shared the quilt project with a colleague who loves to quilt and would love the idea of creating one around something in science.

Sue Cusack (she, her, hers): @alison - reach out, we are doing it

Colleen: @alison, we are doing a whole series of webinars on that at makey makey!

Nettrice Gaskins: Using what students have on hand at home brings the making into remote learning.

Alison Varrell: Thanks, Sue. :)

Colleen: Sue and Nettrice are supposed to be on one too! :p

Matthew Cross: @alison, ditto, we're working on the same.

Colleen: Do you have a link Matthew?

Colleen: Here is a whole post on maker learning @alison

<https://makeymakey.com/blogs/blog/webinar-recap-stem-from-a-distance-brown-bag-steam-literacy-kits-and-engineering-process>

Colleen: three amazing ladies shared their ideas yesterday!

Alison Varrell: my district is going to do in school lesson for ELA and Math but remote learning for social studies and science. I'm so worried for my little ones!

Manny Leon - AZ: Thanks to all for the great info and resources

Kathy Thomas: Thanks for the links Colleen!

Jon Mannion Bronx Academy for Software Engineering: Thanks for all of the resources and connections. Connecting for instruction soon www.linkedin.com/in/wblbase

Jennifer Eehalt (Common Sense Education): Thanks everyone!

Angela: thank you!

Karen Peterson: Thanks everyone!

Matthew Cross: @Colleen, not at this time. We're working on what is effectively pick up crafts materials and watch the live videos.

Colleen: Great stuff! Thank you for everything!

Nettrice Gaskins: Thanks ALL

Alison Varrell: Thank you to everybody.

Tabitha Dunn: Thank you all!

Sue Cusack (she, her, hers): @Alison - there are fun ways to include them but you have to build routines and community

Beth E Kennedy: thank you so very much!

Brooke Meyer: Thanks!

Neil Thawani: Thanks.