Webinar Chat and Resources Mentioned During Webinar
Panelist Resources/Recommendations

Melanie Ramey, Elementary Teacher at Highland Elementary School (KY)
1. Use a bitmoji classroom as a tool for virtual learning to assist in navigation, implement routines and procedures, and increase student engagement. Quick tutorial: https://youtu.be/V8W3w_LxKro
2. Supplement your lessons with familiar programs. Use digital tools your students either already know how to use or can easily navigate with little to no assistance.
3. Use a communication tool such as Remind to keep in touch with parents and check in with students. Communicate often and encourage two-way communication.

Michael Yeung, Mathematics/Robotics Teacher at Calabasas High School (CA)
1. Learn about how to prevent Zoom Bombing.
2. Visit my YouTube Channel for helpful tech videos, like this one on Google Meets.
3. Check out my tutorial on Creating Videos for Instruction.

Dario Soto, STEM Coach at JFK Elementary School (CT)
1. A tremendous Visual to help explain the difference in instructional delivery.
2. This interview recording gives examples of instructional differences with online teaching and in-person instruction. It also highlights things that are universal good teaching practices.
3. I really like this poster entitled Distinctions of Equity from Zaretta Hammond that points out the differences in educational models.

Other Resources Mentioned
Tools for engaging learners at a distance while also teaching some face to face
- Flipgrid empowers social learning in PreK to PhD classrooms around the world. Use video the way your students do.
- Pear Deck for Google Slides is a Slides Add-on, making it effortless for educators to add interactive questions and formative assessments to their lessons.
- **Participant Carolyn H** has compiled a list of digital tools that support students in multiple ways: [https://drive.google.com/file/d/1ZmjPwhN2YOdt2rLm2jeLcaBNZdip02/view?usp=sharing](https://drive.google.com/file/d/1ZmjPwhN2YOdt2rLm2jeLcaBNZdip02/view?usp=sharing)
- List of tools from the RI Dept of Ed: [https://www.ride.ri.gov/Portals/0/Uploads/Documents/COVID19/Engaging_Tools_for_Distance_Learning.pdf](https://www.ride.ri.gov/Portals/0/Uploads/Documents/COVID19/Engaging_Tools_for_Distance_Learning.pdf)

### STEM Activities for distance learning

- **Smithsonian Science Education Center STEM resources** to support “Distance Learning” needs for students in grades K-8.
- 5 NSF-supported **STEM education resources** that are perfect for virtual learning.
- Founded in 2002 by Nobel Laureate Carl Wieman, **PhET creates free interactive math and science simulations** based on extensive education research and engage students through a game-like environment.
- **Gizmos** are interactive math and science simulations for grades 3-12.

### Assessment (From Panelist Dario Soto)

- This is a [great article that can help teachers think of the reason for assessing students during online learning](#), and it suggests tools that can be useful.
- This [list of tools for formative assessment](#) can help teachers assess their students’ progress during online learning.

### Webinar Chat

**Stephanie S:** Good afternoon everyone from Portland OR

**Julie O:** Julie Olson - Mitchell SD - Dual Credit Biology and Alternative School Science

**Elizabeth P:** Hello everyone. Elizabeth Petersen, from St. Louis, MO

**Kat F:** Kat Fancher, Washington DC

**Naveen C:** Naveen Cunha, STEM Academy Coordinator, Robotics 1 teacher from Texas

**Hyunjin S:** Hello! Hyunjin Son, Central, SC

**Delsey O:** Hey there! Delsey Olds - Science Content Specialist and STEM Coordinator - Phoenix AZ

**Alison R:** K-12 STE Curriculum Coord from Plymouth, MA. In another meeting at this same time. Will be doing my best with both. apologies.
**Helena E:** Hello All!! Richmond, VA

**Denise P:** hi, Denise Post k-6 STEM teacher, New Providence, NJ

**Hasan D:** This is Hasan Deniz Director of Center for Mathematics Science and Engineering Education at University of Nevada Las Vegas

**Carla D:** Hello! Instructional Coach at the middle school level. previously

**Annie F:** Annie Fetter, currently near Philly, from the 21st Century Partnership for STEM Education. Sometimes K-12 coach/PD provider.

**Taylor B:** Hi! Florence, SC

**Briana M:** Hi, everyone!! Florence, SC as well!

**John U:** Hi Baton Rouge, LA here.

**Juana M:** BRBytes, Computing pathway program at Baton Rouge, Louisiana

**Jenn P:** Jenn Page - Rockland, ME - Hurricane Island Center for Science and Leadership

**Jen M:** Hi all, I'm from Columbia SC

**Debbie O:** Hello from Spokane, WA!

**Phyllis F:** Hi. In Houston, from Space Center Houston.

**DeeDee W:** Hello from Fort Collins, CO

**Carolyn H:** Hello! Carolyn Higgins, STEM Special at the RI Dept of Ed

**Sari K:** Hi from Rutgers in NJ!

**Carla D:** Hello from Harrisburg, SD!

**Laura M:** Hello from Rutland VT

**Kim Descoteaux:** Please turn your camera off during the panel. You can turn it back on during the breakout session. Thank you!

**Kim Descoteaux:** [https://stemtlnet.org/](https://stemtlnet.org/)

**Joseph H:** Thanks Dario ...nice to see you again.

**Kim Descoteaux:** Breakout rooms will not be recorded but the rest is being recorded as will be available tomorrow at [https://stemtlnet.org/](https://stemtlnet.org/)
Julie C: Hello from Hartford, CT!

Heather M: Hello from St. Louis

Kim Descoteaux: Please feel free to type any questions you have for the panelists in this chat

Kate L: Dumb question but can students zoom in to read the fine print?

Lisa H: How do you accommodate students having difficulty? Especially the ones who think they know it but no idea? How do you check work?

Tracey T: We use Google Classroom so all work is based on there and submitted there. We have in-person students as well as distance-learning students. We communicate directly with students who may be having issues and use small quizzes to be sure students are on point.

Anisha C: How do your classroom address inclusion and equity?

Joseph H: Will we have an opportunity to address the emotional toll that this has wreaked on families across our country. Families are struggling and children are having a very difficult time processing the impact that this Pandemic has created.

Laura M: Does Michael have a good how to make your own video resource?

Michael Yeung: I have a power point on the resources, I also have a youtube channel with many of the apps and programs that you can use for distance learning and video lessons.

Joseph H: While we want all of our children to succeed in life, we are not addressing the deeper issues (Social/Emotional/Psych)

Joni Falk: We can post the PP and resources from Michael on STEMtlnet.org tomorrow. Check back!!!

Laura M: Thank you!

Carolyn H: I am working on a list of digital tools that support students in multiple ways. If you want to check it out and suggest more, add them on! https://drive.google.com/file/d/1ZmjPwhN2-YOdt2rLm2jeLcaBNZdip02/view?usp=sharing

Katisha J: Thanks for sharing!!

Carolyn H: I would like to keep the list to tools that are not connected to a particular curriculum, but support engagement, assessment/feedback, communication with home, and accessibility

Kim Descoteaux: Thank you Carolyn!

Brian Foley: Flexibility is the key
Carolyn H: Here is the version from the Spring. But, realize that some of the pricing and features have changes. In the GDoc I reference that these are in V1, this is the V1...  
https://www.ride.ri.gov/Portals/0/Uploads/Documents/COVID19/Engaging_Tools_for_Distance_Learning.pdf

John U: At the high school level how are you addressing no shows/ students not engaging? What about inability to get guardian assistance with engagement?


Denise P: peardeck is great for engagement

Michael Yeung: also nearpod

Kim Descoteaux: https://stemtlnet.org/theme

Kim Descoteaux: Brian's blog is available now at https://stemtlnet.org/theme

Kim Descoteaux: Jennifer's blog, resources, this recording and the chat log will be available tomorrow at https://stemtlnet.org/theme

Kim Descoteaux: as well as the follow on discussion that we hope you take part in

Joni Falk: BTW, we will share this chat as well within the next day or two. We will send you a newsletter with the info and it will be available on stemtlnet.org

Gail M: Are any districts requiring students to have their video cameras on?

Brian Foley: Quickwrite is just using a Google Sheet to get the whole class to respond to question

Julie C: We encourage use of video where comfortable, but do not require it. Many teachers are doing a first 1-0/last 10 so they can provide a check in

Richard T: @Gail, there are some schools, at least, in Newark NJ that require cameras *and* uniforms

Gail M: @Richard, that's very interesting. How is that working out? Our district said that we cannot require students to have their cameras on and they do not have to wear uniforms either.

Gail M: @Julie thank you for the information.

Joni Falk: I think "the need to relate" is so important, and even more so when kids are learning at a distance. Thank you Dario for addressing community building!

Tracey T: We require the video cameras and uniforms (Catholic school in Maryland)
Elizabeth P: 1 Joni Falk

Helena E: Yes you must make the connections!! Use real world connections

Kim Descoteaux: What advice have you received or given that has been most useful this school year? Share a solution or steps you are taking to overcome an issue related to distance learning or school reopening.

Tracey T: I have another Webinar to attend now. I'm sorry, but I have to leave.

Phyllis F: may I get back into my room? I lost the connection

Lisa H: I really enjoyed the breakout room and the connection with others. Thank you for doing this!

Annie F: Good luck staying in actual school, Lisa! But keep working on that Plan B and Plan C.

Lisa H: Thx!

Michael Yeung: @keith sorry we couldn't finished your thoughts.

Keith C: no problem

Annie F: While I wouldn't recommend satellite internet to anyone if they have another choice, it DOES work. (We had it at our off-the-grid home in VT until AT&T built a cell tower that we can see.)

Elizabeth P: Make learning the constant, and time the variable.

Joni Falk: Flip grid and Near pod were two tools mentioned in our group for engaging learners at a distance while also teaching some face to face.

Kim Descoteaux: Please visit https://stemltnet.org/theme to join the follow up discussion to continue this conversation and share resources, read the blogs and the download the resources (available tomorrow!)

Richard T: thank you!

Elizabeth P: Thank you so much!!