

Welcome to the Virtual STEM Meet-up!

- Participants are being **muted** upon entry
- To **talk**, please 'unmute' yourself or press the space bar
- Use the **chat** feature to ask questions or communicate with any one of the participants
- Click on the '**participants**' button to raise hand, vote, or sign
- To get out of full screen (click the **View Options** menu at the top of the screen and choose 'exit full screen')



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Virtual STEM Meet Up

The STEM Education Center at WPI

Donna Taylor; Mia Dubosarsky

Shari Weaver; Kathy Chen

Agenda



- Introduction
- Teacher Resource Page - updates
- Explore 2 STEM Resources
 - OkGoSandbox – *presented by Christine Robbins*
 - Daily DE – *presented by Donna Taylor*
- Group discussion - share successes, challenges, and ideas
- Closing



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It's now been 3 weeks since schools closed and moved to online learning.

How are you feeling about online learning now?



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1



<https://www.thebalancecareers.com/how-to-answer-interview-questions-about-anger-at-work-2061242>

2



<http://www.effectivetrainingsolutions.com/etsblog/2017/8/10/the-source-of-all-frustration>

3



4



<https://www.stress.org/using-key-communication-skills-to-manage-stress>

5



<https://www.duncanvilleisd.org/site/default.aspx?PageType=3&DomainID=4&ModuleInstanceID=807&ViewID=6446EE88-D30C-497E-9316-3F8874B3E108&RenderLoc=0&FlexDataID=14534&PageID=1>

6

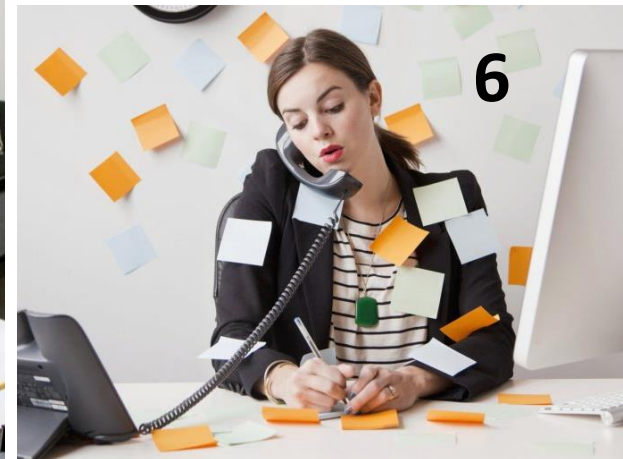


<https://www.natterbox.com/us/blog/voice-integration-with-salesforce/>

Which photo best represents how you are now feeling about online learning?



Please write your answer in the CHAT box.





We envision a society in which **educators are empowered** to guide *relevant, integrated, and inclusive STEM* with their students and community

The greatest impact is achieved by empowering educators to guide their students in high-quality STEM experiences



High-quality STEM education is integrated and focuses on problem solving

Sustainable systemic change requires partnerships with all stakeholders



High-quality STEM education is for ALL students



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We work towards sustainable systemic change with partners and stakeholders



ADDRESSING THE NATION'S STEM TEACHER SHORTAGE



STEM Teacher Resources

<https://www.wpi.edu/academics/stem-education-center/teacher-resources>



OkGoSandbox:

<https://okgosandbox.org/>

(Presented by Christine Robbins)



Daily DE:

<https://den.discoveryeducation.com/participate/dailyde>

(Presented by Donna Taylor)



OK Go Sandbox

STEM Resources

Inspiring Tools for
Playful Learning.

<https://okgosandbox.org/>

Helping students learn through the joy,
wonder, and fun of OK Go's music videos.

Images taken from Ok Go Sandbox website

Let's see what I'm talking about!

[This Too Shall Pass](#)

What is this site all about?

“OK Go Sandbox is an online resource for educators that uses OK Go’s music videos as starting points for integrated guided inquiry challenges allowing students to explore various STEAM concepts.

Developed as a collaboration between [OK Go](#) and the [Playful Learning Lab](#) at the [University of St. Thomas](#) (led by Dr. AnnMarie Thomas), OK Go Sandbox is about bringing different ideas, disciplines, and people together to explore creativity and learning. Director Geoff Shelton is creating new videos specifically designed to inspire classroom discussions and projects.

They are particularly looking forward to interacting with even more educators as they work to expand the OK Go Sandbox offerings. They encourage reaching out to them (hello@okgosandbox.org) with your feedback and ideas. The best part of a sandbox is that we can try building lots of new things and improving them based on your input- even if we occasionally need to knock down a castle and start over!”

<https://okgosandbox.org/about>

What I like about this site and their offerings

1. I LOVE their music videos and so do my students in grades 6 - 8.
2. Five music video lessons on the site with everything I need (and more).
3. Each lesson is broken down for different grade levels from K - 12.
4. Music video and behind scenes or “how it was made” are included in the lessons. They even provide answer sheets for worksheets.
5. It is different that just using worksheets and demos.

[Ok Go Sandbox site](#)

Closing

Please complete our online survey (*link in chat box*) to let us know if this experience was useful and ways that it can be improved in future sessions.

http://wpi.qualtrics.com/jfe/form/SV_3wMKSBBQAYresWjP

Our goal is to help you be more successful as you delve into this challenging educational endeavor.

Best of Luck to everyone – please don't hesitate to reach out to us if you have any questions or need guidance:

- Donna Taylor – dltdaylor@wpi.edu
- Mia Dubosarsky – mdubosarsky@wpi.edu
- Shari Weaver – sweaver@wpi.edu
- Kathy Chen – kcchen@wpi.edu



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