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’)

WPI STEM Education Center
Virtual STEM Meet Up

The STEM Education Center at WPI

Donna Taylor; Mia Dubosarsky
Shari Weaver; Kathy Chen
Past Tools/Resources Shared

- Edutopia – [https://www.edutopia.org/](https://www.edutopia.org/)
- TeachEngineering - [https://www.teachengineering.org/](https://www.teachengineering.org/)
- PBS Learning Media - [https://mass.pbslearningmedia.org/](https://mass.pbslearningmedia.org/)
- Padlet - [https://padlet.com/](https://padlet.com/)
- OkGoSandbox – [https://okgosandbox.org/](https://okgosandbox.org/)
- Daily DE - [https://den.discoveryeducation.com/participate/dailyde](https://den.discoveryeducation.com/participate/dailyde)
Agenda

• Introduction
• Teacher Resource Page - updates
• Explore 2 STEM Resources
  – Creative Videos – *presented by Adam Zelny*
  – NSTA Daily Do – *presented by Donna and Mia*
• Breakout discussions @ NSTA Daily Do
• Group discussion - share successes, challenges, and ideas
• Closing
For many of us, next week is/was supposed to be April Break.

If this was “normal” April Break, where would you rather be?
https://www.ravepubs.com/five-ways-use-digital-signage-amusement-park/
Which photo best represents where you’d prefer to be if next week was a “normal” April Break?

Please write your answer in the CHAT box.
Transforming STEM education for all in collaboration with PK-12 educators through professional development, research, and community engagement

We believe that everyone has the capacity to participate in doing STEM, and that everyone should have access to high-quality STEM learning experiences. We seek systemic ways to broaden the participation of STEM, especially those that have been historically excluded in STEM, and work with others towards equity in education.

Our work is informed by current research and by the lived experiences of educators, learners, and community members. We contribute to the advancement of STEM education as researchers and practitioners in order to continuously improve.

Envisioning a world in which educators are empowered to guide relevant, integrated, and inclusive STEM with their students & community
We work towards sustainable systemic change with partners and stakeholders

http://wp.wpi.edu/cmsn

ADDRESSING THE NATION’S STEM TEACHER SHORTAGE
STEM Teacher Resources
https://www.wpi.edu/academics/stem-education-center/teacher-resources

Adam’s Creative Videos:  
(Presented by Adam Zelny)

Professional Organizations
& NSTA Daily Do:
https://www.nsta.org/dailydo/  
(Presented by Donna & Mia)
Check out your professional organization

**FREE Membership**

To support all educators during this difficult time, NSTA is offering a free 30-day membership, providing access to more than 12,000 digital professional learning resources and tools.

Get Started

https://www.nsta.org/

**Free Resources for Teaching Math Online**

NCTM is here to support the mathematics education community, not just during challenging times like these but 365 days a year. With so many teachers currently transitioning to online teaching, we offer these free resources to support teachers and their students.


https://www.iste.org/
https://www.learningkeepsgoing.org/

Let’s check it out!

Breakout Rooms by grade level:
Add ES, MS, HS or Other in front of your name on your photo  Example: HS Donna Taylor

Once in the room...
Choose one of the Daily Do’s to examine more closely...
  • Discuss what you like about it
  • Discuss what you would modify
  • Choose one person to share when we return to the main group
  • If time allows, feel free to discuss other resources as well

NSTA Interactive e-Books – currently free - https://www.nsta.org/ebooks/
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.

https://wpi.qualtrics.com/jfe/form/SV_3t7GH67chCFwx5r

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 – dltaylor@wpi.edu
- Mia Dubosarsky – mdubosarsky@wpi.edu
- Shari Weaver – sweaver@wpi.edu
- Kathy Chen – kcchen@wpi.edu