

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

Past Tools/Resources Shared



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



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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



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For many of us, next week is/was
supposed to be April Break.

*If this was “normal” April Break, where
would you rather be?*



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1



2



<http://www.fourluckyducks.com/slide-type/mallard-road-view-from-the-lake-north-carolina-mountain-vacation-home/slider2-3/>

3



<https://www.orangecruises.gr/en/cruise-ships/oceania-nautica>

4



5



6



<https://www.ravepubs.com/five-ways-use-digital-signage-amusement-park/>

7



<https://www.fieldmuseum.org/>

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.





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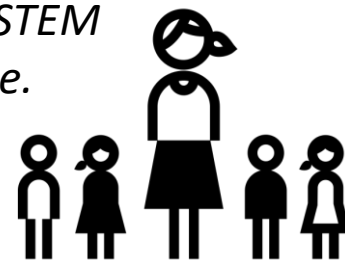
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Transforming STEM education for all in collaboration with PK-12 educators through professional development, research, and community engagement

*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.*

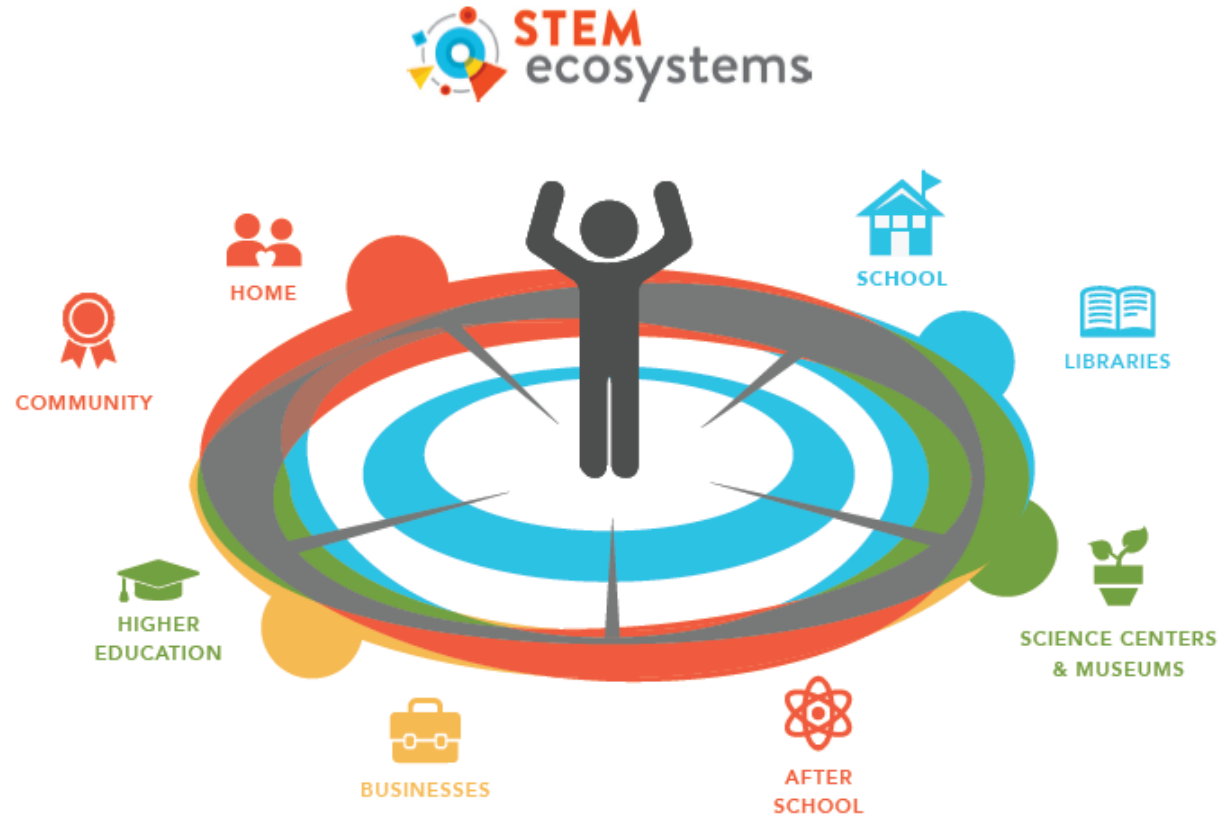


Envisioning a world in which **educators are empowered** to guide *relevant, integrated, and inclusive STEM* with their students & community

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)

nsta Daily Do 



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS
CELEBRATING 100 YEARS

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/>



<https://www.iste.org/>

<https://www.learningkeepsgoing.org/>

Free Resources for Teaching Math Online

Free Trial Membership

FREE Resources
for Teaching Math Online

FIND OUT MORE >



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CELEBRATING 100 YEARS



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.nctm.org/classroomresources/> <https://www.nctm.org/freeresources/>

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



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