



Hello Science Education Leaders,

I hope you're doing okay in these interesting times. For me, the effort to manage my children's learning at home and get my own work done is proving to be challenging to say the least. Below are a few resources, including a planned, virtual meet-up for science educators this Thursday at 3pm - hope you can join us!

If you have announcements to share about science or STEM-related professional learning and resources, please send them my way for the next edition. Or, let me know if there are any resources you're looking for, and I'll try to find some for next time. A record of these emails can be found on my website: dpi.wi.gov/science/social-media.

Cheers,
Kevin

Learning Opportunities

- [WSST and DPI Science Virtual Educator Meet-up](#) - Apr 9th at 3pm
- [NIST Summer Institute](#) - two-weeks for MS teachers in MD

Resources

- [EEKI](#) - New website and environmental education resources for kids
- [PBS Learning Resources](#)
- [Rick Erickson's At-Home Rube Goldberg Challenge](#)
- [NSTA Daily Do](#)

Student Opportunities

- [State Water Inquiry Project](#) - ongoing - could students do something at home?

Details

Learning Opportunities

- WSST and DPI Science Educator Virtual Meet-up - Apr 9th at 3pm

<https://widpi.zoom.us/j/622321285> - click this Zoom link at 3pm, on the 9th (no registration required and this link won't do much for you before 3pm that day, though you can check your audio early). We determined agenda items based on a short WSST survey that went out. Topics will include: sharing what's working well and what's challenging; sharing quality virtual science labs and activities; and, sharing feedback methods and/or grading policies. We'll break into small groups for easier sharing a couple time during this hour. We also expect to have time for further questions and other topics at the end.

- NIST Summer Institute - two-weeks for MS teachers in MD

<https://www.nist.gov/iaao/academic-affairs-office/nist-summer-institute> - The National Institute of Standards and Technology (NIST) Summer Institute for Middle School Science Teachers is a two-week workshop for middle school science teachers featuring hands-on activities, lectures, tours, and visits with NIST scientists and engineers in their laboratories. It goes from July 6-17 in Gaithersburg, MD (near DC), and the application deadline is Apr 30. You'd receive a \$2500 stipend plus up to \$2000 for travel/lodging. The big question is, will it happen?

Resources

- EEK! - New website and environmental education resources for kids

<https://www.eekwi.org/blog> - The Environmental Education for Kids (EEK) website has been redone with themes of engage, explore, and connect. This month they are featuring backyard learning activities for kids in its blog. Be sure to check there for Earth Day ideas too!

- PBS Learning Resources

<https://wisconsin.pbslearningmedia.org/collection/emergency-closings-collection/> - check out their new page on resources for at-home learning (I particularly think SciGirls has some quality learning). They're also currently broadcasting children's educational programming from early in the morning until late at night every day.

- Rick Erickson's At-Home Rube Goldberg Challenge

<https://www.youtube.com/watch?v=d96iDDGfIOg> - Rick Erickson, Bayfield HS teacher, is issuing an engineering challenge to all educators/students! The challenge is to create and video your own, at-home Rube Goldberg machine and challenge your students to do the same, sharing videos of them. If you'd like to share links with me, I can post them in my next newsletter. Check out [OK Go](#) or [Honda](#) for inspiration! You might even be inspired to support students in entering a regional or state competition.

- NSTA's Daily Do

<https://www.smore.com/q43sd> - The National Science Teaching Association (NSTA) is putting out a "daily do" science lesson w/ related activities. They're also sharing a variety of resources and webinars right now - worth a deeper dive if you're not already connected.

Student Opportunities

- State Water Inquiry Project - ongoing

<https://dpi.wi.gov/inquiry> - Working with the Wisconsin Science Festival and dozens of partners from around the state, we're continuing this water inquiry emphasis. What could students do at home? Are there tests that could use at-home equipment? We can continue sharing pics, data and ideas at <https://siftr.org/WisconsinWater/>.

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“Science is not a body of facts, [it] is a method for deciding whether what we choose to believe has a basis in the laws of nature or not.” – Marcia McNutt