



Hello Science Education Leaders,

I hope you're getting outside and enjoying the arrival of spring! On that note, it is [Earth Week and Earth Day](#) tomorrow, so I hope you're able to connect your students with their local environments this week.

Below are a few science education resources I've heard about. If you have announcements to share about science or STEM-related professional learning and resources, please send them my way for the next edition. A record of these emails can be found on my website: dpi.wi.gov/science/social-media.

Feel free to send me an email if your classroom/school/district needs any support or resource suggestions. For example, I'm currently setting up virtual workshops for this summer - hoping they'll be in-person by August.

Cheers,
Kevin

Learning Opportunities

- [Learn Deep Fellows](#) - Developing meaningful student projects
- [WSELA](#) - next meeting on August 11
- [Forward Exam Item Reviewers](#) - Apply by May 7, virtual process Aug 16-18

Resources

- [STEM from the Start](#) - new PBS video resource for young learners
- [State Water Inquiry Project](#) - ongoing
- [A Bunch of Recent Articles I Found Interesting](#) - pick one!

Student Opportunities

- [Wonders of Physics Video Contest](#) - due before students leave for the summer
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Details

Learning Opportunities

- Learn Deep Fellows Program - Developing meaningful student projects
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<https://learndeep.org/programs/fellows-program/> - a program for middle school teachers (priority for the greater Milwaukee area) to develop deep, locally connected projects for their students. Applications are due April 25th and an information session is tomorrow (the 22nd) at 4 pm <https://learndeep.org/event/1279/>

- WSELA - next meeting on August 11

Mark your calendars for the next meeting of the Wisconsin Science Education Leadership Association. It will take place at Edgewood College in Madison, as well as virtually, on August 11th from 9 to 3. Everyone is welcome. We hope to have a science educator from each district and/or building as part of this group. For in-person attendees there is a cost of \$20 to cover snacks and lunch. We will have general session this time, with topics to possibly include planning for going back to school and lessons learned during COVID, reflection on Forward Exam and ACT results, instructional materials, supporting elementary science, and equity work. Email me to get on this listserv for further details closer to the date.

- Forward Exam Item Reviewers - Apply by May 7, virtual process Aug 16-18

<https://dpi.wi.gov/assessment/forward/educator-involvement> - We're going all virtual this year with our item review for the 4th and 8th grade Forward Exam. We could particularly use some elementary educators, though secondary science teachers, special education teacher, English Learner support teachers are all welcome to apply. Educators who have done this work in the past have found it very useful. To apply, you must complete the [New Item Review Participation Application](#) and submit your resume to osamail@dpi.wi.gov.

Resources

- STEM from the Start - new PBS video resource for young learners

<https://stemfromthestart.org/> - a new PBS resources for K-2 students, combining animated adventure videos with guided activities based around particular phenomena. It includes "Discovery Breaks" with a teacher support guide. Parents have also used the production and guide with their own children.

- State Water Inquiry Project - ongoing

<https://dpi.wi.gov/science/water> - The State Water Inquiry Project is ongoing. I encourage you to connect your students with meaningful class projects related to water and share them with other educators around the state. Projects ideas from K-12 and sharing options are on this website.

- Recent Articles and Webinars I Found Interesting - Pick 1

[NSTA Teaching Science Literacy](#)

[Edutopia - Too Much Focus on Learning Loss Will Be a Historic Mistake](#)

[Series of STEM webinars from national speakers](#)

[AAAS Misinformation webinar series - this one on vaccines from Dr. Maria Elena Bottazzi](#)

[Dr. John Diamond and Dr. Jennifer Cheatham discuss being explicit about race and white supremacy in education](#)

[Kappan - Rethinking Schools and Learning](#)

[Forbes - Learning Loss is Educational Halitosis](#)

[Hechinger Report - Systemic changes to support most vulnerable students during the pandemic](#)

[KQED - Four Research-Based Strategies to Ignite Intrinsic Motivation](#)

[Wired - Why We All Keep Falling for Conspiracy Theories](#)

[Metal Ball Studies - videos showing scale of various fictional and non-fictional objects - phenomena!](#)

[Edutopia - Ensuring All Students Can See Themselves in STEM](#)

[Reinvented Magazine - highlighting women in STEM](#)

Student Opportunities

- Wonders of Physics Video Contest

wonders.physics.wisc.edu/contest/ - Students record themselves doing an amazing physics demonstration, explain the science behind it, and enter the video before school is out for the summer.

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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