



Hello Science Education Colleagues,

For most of you, the school year is either done or close to it. I hope you enjoy a restful summer! I enjoyed this crowdsourced poem, "[Who Will Clean Out the Desks?](#)"

As always, if you have announcements to share about science or STEM-related professional learning and resources, please send them my way for the next edition (which will be in early August). A record of these emails with other summer opportunities and resources can be found on my website: [dpi.wi.gov/science/social-media](http://dpi.wi.gov/science/social-media).

Cheers,  
Kevin

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## Learning Opportunities

- [Summer Science Institute \(WINGS\)](#) - July 17-21 - last sign up by Jun 10!
- [Aqualab Fellowship](#) (game design) from Field Day Lab at UW-Madison
- [STEM Teaching Tools Formative Assessment in Science webinar](#) - 6/22 1 to 2:30 pm CT
- [Inquiry Hub Virtual PD for HS teachers](#) in Bio, Chem and Assessment - Multiple Summer Dates

## Resources

- [Science policy paper](#) – Quality elementary science for all!
- [State Water Inquiry](#) – MKE Map Resource and Water PD on July 21
- [A Year of No \[Summative\] Tests](#) - article from Edutopia

## Student Opportunities

- [Aviation Careers Open House](#) for Young Adults in Eau Claire area, age 14-20 - June 22

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## Details

### Learning Opportunities

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- Summer Science Institute (WINGS) - July 17-21 - last sign up by Jun 10!

<https://www.wsst.org/wing-2020> - Join a group of like-minded colleagues at the beautiful Conserve School in Land O'Lakes for a deep dive into equitable science learning and leadership. From the evening of July 17th to the morning of July 21st there will be 3D learning, lesson re-development, equity framing, and leadership considerations. While there is a \$75 fee to hold your spot, you'll receive that and more back at the end of the three days.

- Aqualab Fellowship (game design) from Field Day Lab at UW-Madison

[https://docs.google.com/forms/d/e/1FAIpQLSfZUHRU2BWA0Q12ZwOVsCxhY76N7\\_nSBV3yYgyuv3MKoRluSg/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfZUHRU2BWA0Q12ZwOVsCxhY76N7_nSBV3yYgyuv3MKoRluSg/viewform) - Educators in grades 6-9 are invited to apply to help design and revise a middle school learning game on underwater ecosystems. Applications are due June 21st and educators receive a \$500 stipend for participation through the coming year. The first meeting is at the [Play Make Learn](#) conference in August.

- STEM Teaching Tools Formative Assessment in Science webinar, 6/22 1 to 2:30 pm CT

[tiny.cc/STT-June2022](http://tiny.cc/STT-June2022) - join this free webinar to dig into 3D, equitable formative assessment strategies, building from the work of the [STEM Teaching Tools](#) team.

- Inquiry Hub Virtual PD for HS teachers in Bio, Chem and Assessment - Multiple Summer Dates

<https://www.colorado.edu/program/inquiryhub/professional-learning/summer> - high school teachers have the opportunity to engage in deep curriculum-based learning in biology, chemistry, and assessment with the Inquiry Hub team from the Univ of Colorado. This virtual PD is \$500 for four+ days of learning (a nice use of those ESSER funds). These high-quality instructional materials are free to download and use, but some training would be useful to understand them.

## Resources

- Science policy paper – Quality elementary science for all!

[https://www.sciencepolicyjournal.org/uploads/5/4/3/4/5434385/hirst-bernhardt\\_almasi\\_jspg\\_20-2.pdf](https://www.sciencepolicyjournal.org/uploads/5/4/3/4/5434385/hirst-bernhardt_almasi_jspg_20-2.pdf) - a major equity issue across our state is that some students receive in-depth science learning in elementary, while others receive very little. That's particularly a problem because students largely decide whether they're a science/STEM person or not during these years. This article details the importance of elementary science, and the [DPI elementary science website](#) provides further resources.

- State Water Inquiry – MKE Map Resource and Water PD on July 21

<https://refloh2o.com/milwaukee-community-map> - The Milwaukee Community Map shares stories about the geology and historical geology of the MKE area, with an emphasis on water systems. There's also a free professional learning opportunity in Milwaukee on July 21st focusing on water and local resources - more details: <https://www.stemforward.org/water-resources-for-educators>.

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- A Year of No [Summative] Tests - article from Edutopia

<https://www.edutopia.org/article/year-no-tests> - I appreciated the perspective of this article on one teacher's story of getting rid of summative tests. I think this idea goes along nicely with work on mastery/standards-based grading.

## **Student Opportunities**

- Aviation Careers Open House for Young Adults in Eau Claire area, age 14-20 - June 22

<https://www.chippewavalleyairport.com/Home/Components/Calendar/Event/15075/2799> - Explore aviation careers and hobbies at the Chippewa Valley airport in the Eau Claire area. They're aiming to start an Aviation Explorer youth post/group in the area. Free event at 6:30pm! Please, share with your students.

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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