



Hello Science Education Leaders,

I hope you're enjoying time off to relax. I would guess that some of you are still checking email and feeling some anxiety about the fall, which is why I'm sending this newsletter a little early. If you haven't heard, DPI released a guidance document, [Education Forward](#), with important questions and ideas for thinking about learning design this fall. One thing not addressed is science lab safety. While I expect most of those safety guidelines will be determined by local health officials, I'll share some state and/or national resources along those lines in a month or so when they're finalized.

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.

Cheers,
Kevin

Learning Opportunities

- [Culturally-Relevant Schools Webinar w/ Dr. Gloria Ladson-Billings](#) - June 30
- [Place-Based Learning Summer Webinar Series](#) from WI Green Schools Network
- [American Farm Bureau Phenomenon-based Lessons Webinars](#) - July 21 & 23
- [Workshop on Integrating Computer Science into Middle School Science](#) - July 27-31

Resources

- [Science Focused Return-to-School Resource Document](#)
 - [Go Outside Fund Grants](#) (\$500) - due June 30th
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Details

Learning Opportunities

- Culturally-Relevant Schools Webinar w/ Dr. Gloria Ladson-Billings - June 30

[Link for registration and more information](#) - In conjunction with PBS Wisconsin, this free webinar will be from 3:30 to 4:30. Are you overwhelmed with planning for what a post-COVID-19 school might look like, while also feeling a renewed sense of urgency to create more culturally relevant lesson plans and learning environments to connect with your

students? Learn about four factors that have led to the educational disparities that exist between Black and White students in the U.S.. Dr. Ladson-Billings will also share her vision for culturally relevant teaching in a post-COVID-19 world.

- Place-Based Learning Summer Webinar Series from WI Green Schools Network

[Link for registration and more information](#) - During this 5-part summer learning series, formal and non-formal educators will gather together virtually to explore how to connect, explore, and engage students in their natural and cultural communities. We will explore tools and approaches to teaching that can be applied in in-person, remote, asynchronous and/ or synchronous environments. Meetings occur mostly on July mornings, from 9:30 to 11. Cost is \$50.

- American Farm Bureau Phenomenon-based Lessons Webinars - July 21 & 23

<https://www.onthefarmstem.com/events/livestream-events> - The Farm Bureau worked with the NextGen Storylines team to create two units, one for middle and one for high school, focusing on farm-based phenomena. A free webinar will focus on each unit. July 21 - 10am - genetics and heredity of cattle for high school. July 23 - 10am - ecosystem dynamics with prairie chickens.

- Workshop on Integrating Computer Science into Middle School Science - July 27-31

[Sign-up Form and Details](#) - The PUMP-CS PD week will be going all virtual and the Project GUTS workshop will be for middle school teachers. The Project GUTS curriculum is designed to integrate Computer Science (CS) concepts into existing middle school science classes, especially in contexts in which a standalone CS course is not available. Students will learn how to use, modify, and create agent-based simulations to use as experimental test beds to explore various phenomena. Cost is \$170, with scholarships available.

Resources

- Science Focused Return-to-School Resource Document

[Google link to document](#) - I created this resource page to address some particular issues and ideas in planning for science instruction in the fall. I've shared it as a Google doc because I will be able to update it as new resources become available.

- Go Outside Fund Grants - due June 30th

<https://www.wisconservation.org/grants/go-outside-fund/> - The Go Outside Fund provides funding that helps connect students and teachers with outdoor, nature-based learning experiences. Teachers may apply for funding to purchase field supplies, or pay for transportation, substitute teachers, or educator costs. Grants up to \$500 are available. Grantmaking priorities include: projects that demonstrate a clear connection to classroom learning and standards; projects that have a significant component of outdoor activity; and, projects that directly engage children in outdoor, nature-based activities and learning. While the current deadline is June 30th, they review applications four times a year.
