



Hello Fellow Educators,

I hope you enjoy a restful and rejuvenating summer. I appreciate the intense work you have done this past year for children, families, and colleagues.

Please, let me know if I can support your science work this summer with some resources, a virtual or in-person PD, etc. Below are a few learning opportunities this summer that I've heard about and/or that I'm supporting.

If you have announcements to share about science or STEM-related learning and resources, please send them my way for the next newsletter in August. A record of these "Science Digest" newsletters 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

- [Equity in Science Education](#) - DPI/WSST virtual summer learning group
- [Summer K-5 Science and Social Studies Assessment Webinars](#) - July 21, 28
- [EAA Teacher Day](#) - July 30
- [Wisconsin Science Education Leadership Association \(WSELA\)](#) - Aug 11
- [PBS Anti-Racist Teaching Virtual Learning Series](#) - June 15-24
- [NSTA Ongoing Webinars Information](#)

### Resources

- [New National Safety Resource](#) - from CSSS and Flinn
- [New DPI Website](#) - highlighting diverse Wisconsin scientists and STEM professionals

### Student Opportunities

- [Encourage families and students](#) to have unstructured play time this summer!

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### Details

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## Learning Opportunities

- Equity in Science Education - DPI/WSST virtual summer learning group

<https://forms.gle/Pdgwvq9SJRhLYNAv5> (registration) - This professional learning series will be a deep dive into how to move forward in antiracist science education and not simply "go back to normal" in the coming school year. We will have a discussion and action-based model that includes topics such as: personal racial consciousness, science's role in white supremacy, teaching strategies for an antiracist classroom, equitable standards-based grading, and curriculum review/update. The vision is to pair our discussions and learning with tangible plans that you can implement in the coming school year. We expect to have 3-4 sessions during July and August, with dates and times determined by the group. You will not need to attend all sessions to participate, and WSST membership is not required. Our primary facilitator will be HS teacher and equity expert, Tasha O'Malley, from the Sun Prairie School District.

- Summer K-5 Science and Social Studies Assessment Webinars - July 21, 28

<https://forms.gle/TEGpbRLUmDhZBev69> (registration) - Join DPI science and social studies consultants Kevin Anderson and Kris McDaniel to learn about quality assessment techniques that engage all K-5 students in inquiry. We will be basing our conversations on the equity framework designed by Dr. Ghody Muhammad ("Cultivating Genius"). Dr. Muhammad outlines five components of authentic student engagement: Identity, Skill, Intellectual Connection, Criticality, and Joy. Her work goes beyond the general curricular focus on content and skills, adding in the pieces of the social and political context of the students' communities. These meetings are appropriate for K-5 teams, Directors of Instruction, or any educator interested in K-5 science and social studies. Grades 6-8 educators are welcome to join as well. We will be meeting via Zoom on Wednesday July 21 from 1-3pm and July 28 from 1-3pm. Although free, registration is required.

- EAA Teacher Day - July 30

Teacher Day is back at EAA AirVenture Oshkosh 2021 on Friday, July 30, providing educators with workshops and presentations on ways to integrate aviation and STEM into teaching curriculums. Registration for Teacher Day is completely free and a box lunch and EAA AirVenture wristband are included. The workshop goes from 8:30 a.m. to noon, and elementary, middle and high school teachers alike are welcome to attend. The day will begin with a keynote speaker from their sponsor, Gulfstream, followed by educational programming and breakout sessions. If you are a teacher and would like to attend, you must register by emailing Cassie Cobb, EAA Museum Educator, at [ccobb@eaa.org](mailto:ccobb@eaa.org) and provide the following information: Your first and last name, PK-6th Grade OR 6-12th Grade, and if a parking pass is needed, your home address.

- Wisconsin Science Education Leadership Association (WSELA) - August 11

Our summer WSELA meeting will be on August 11th at Edgewood College in Madison. Please, [RSVP through this Google form](#). We are planning to hold the event in-person but will also have a virtual option. There is a \$20 charge to cover food for those attending in person (except for first-time attendees, who are free). There will be no charge for virtual attendees.

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- PBS Anti-Racist Teaching Virtual Learning Series - June 15, 17, 22, and 24

<http://public.pbs.org/ToolsForAntiRacistTeaching> - this virtual series from national PBS education experts happens at 6pm CT on June 15, 17, 22, and 24. You will investigate the ways in which racism, mental health, history, and education intersect. Discover tools to deepen your understanding, turn knowledge into action, and create immediate, positive change in the fight against anti-Black racism in education.

- NSTA Ongoing Webinars Page

<https://my.nsta.org/webseminars> - this website notes the upcoming webinars available from NSTA. Several are happening this summer (there's also a virtual STEM conference in July). Webinars range from being free for anyone, free for members, or costing a small fee.

### **Resources**

- New National Safety Resource - from CSSS and Flinn

<https://www.flinnsci.com/cosss/> - These new safety resources from the Council of State Science Supervisors and Flinn Scientific go through need-to-know ideas related to secondary science, elementary science, and STEM spaces.

- New DPI website highlighting diverse Wisconsin scientists and STEM professionals

<https://dpi.wi.gov/science/equity/wisconsin-scientists> - this new resource highlights a series of diverse Wisconsin scientists and STEM professionals from different areas of the state. It includes a bio and image of the person, as well as some standards and learning resources that connect to their work.

### **Student Opportunities**

- Encourage families and students to have unstructured play time this summer!

<https://www.theatlantic.com/education/archive/2014/06/for-better-school-results-clear-the-schedule-and-let-kids-play/373144/> - Too many summer plans? This article talks about the importance of unstructured play time for kids.

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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