



Hello Science Education Enthusiasts,

Woo-hoo! Another school year is complete or very nearly so. I hope you feel a sense of satisfaction and joy at all you and your students/community have accomplished together.

Please, let me know if I can help with some resources or a facilitated discussion this summer!

Below are a few science education resources I've heard about. If you have announcements to share about science or STEM/STEAM-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. The next Science Digest will be out in August.

Cheers,
Kevin

Learning Opportunities

- [Wisconsin Science Education Leadership Association](#) - Oct 15, Madison area
- [Storylines Symposium and Networking](#) - Oct 9, Wis Dells area
- [Registration for Teacher Day at AirVenture is now open!](#) - July 26, Oshkosh
- [Hands-on Renewable Energy Workshops w/ KidWind](#) - Aug/Oct
- [Upcoming Environmental Education Events Calendar](#)

Resources

- [How Do Educators Support LGBTQ+ Students?](#) A survey and resource
- [Contextus](#) - Repository of Science Assessment Samples and Learning

Student Opportunities

- [STEAM and Dream Summit](#) - Milwaukee, June 21st - MS/HS
 - [Science Saves! Student Video Competition](#) - Wisconsin student winner!
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Details

Learning Opportunities

- Wisconsin Science Education Leadership Association - Oct 15, Madison area

<https://www.wsst.org/wsela> - Save the date for the next WSELA meeting, which will be October 15th at the [McKenzie Regional Workforce Center](#) - address is 5215 Verona Rd in

Fitchburg. As usual, networking will start at 8:30, with the meeting beginning at 9 and lasting until 3ish. Anyone can join us, with it being free for first time attendees and \$20 for returners. Please, email me any agenda ideas. Perhaps you'd like to share something happening in your school/district?

- Storylines Symposium and Networking - Oct 9, Wis Dells area

Do you use storyline-based curriculum like OpenSciEd, BSCS, Illinois Storyline, Amplify, PhD Science, Inquiry Hub, etc.? Would you like to get together with other educators to share ideas, or would you like to learn more about this approach. [Fill out this interest form!](#) Save the date for October 9th at Upham Woods in the Wisconsin Dells. Further details are in the works, but this will get you on the list. We expect to meet from about 8:30 to 3:30. There will likely be a \$20 registration fee to cover a light breakfast, coffee, and lunch.

- Registration for Teacher Day at AirVenture is now open! - July 26, Oshkosh

<https://www.eaa.org/airventure/features-and-attractions/teacher-day> - Teacher Day provides educators with workshops and presentations on ways to integrate aviation and STEM into teaching curricula. Each year, teachers from across the country gather on the Friday morning (8-12) of AirVenture to see presentations and share new activities. It is made possible by Gulfstream Aerospace Corporation. Please note that there is now a \$15 fee for Teacher Day, but registration includes a parking pass, 1-day wristband, lunch, and great PD!

- Hands-on Renewable Energy Workshops w/ KidWind - Aug/Oct

<https://energy.wisc.edu/education/kidwind-challenge/kidwind-educator-workshops>
The Wisconsin Energy Institute, the WI K-12 Energy Education Program, and Kid Wind are excited to bring Educator Workshops to communities across Wisconsin: **August 22nd, Cleveland, Wisconsin - [Learn more and Register here!](#), **October 3rd - Ashland, WI - [Learn more and Register here!](#) **October 24th, Menomonie, Wisconsin - [Learn more and Register here!](#) During these hands-on workshops you will review energy basics, design and test blades in a wind tunnel, and preview ready-to-use lessons for integrating renewable energy into your teaching space. You'll also learn about the annual WI KidWind Challenge and get a KidWind Kit to take home (\$170 value)! Each workshop includes a tour of a local renewable energy site such as a wind or solar farm.

- Upcoming Environmental Education Events Calendar

<https://dpi.wi.gov/environmental-ed/events/upcoming> - There are lots of environmental education related events coming up this summer, such as forestry, shipboard science, and climate optimism. This calendar is a great resource!

Resources

- How do Educators Support LGBTQ+ Students? A survey and resource

During this Pride Month, please take a moment to consider how you are supporting LGBTQ+ students at your school. Maxwell Folkman, a doctoral student at University of Wisconsin-Stevens Point, is conducting research on teacher beliefs, attitudes, and self-efficacy related to working with LGBTQ+ students. Please, help out Max by filling out the survey, which

should take 15 minutes or less -

https://uwsp.az1.qualtrics.com/jfe/form/SV_56eMFsg38SiYNYa. Max is also conducting interviews about the same topic, which you can receive a \$10 Amazon card for doing - email him at mfolk134@uwsp.edu.

And, a resource related to Pride Month is [Gender-Based Biology](#). They provide lesson materials to support gender-inclusive biology instruction.

- Contextus - Repository of Science Assessment Samples and Learning

<https://contextus.science/> - Contextus is growing repository of NGSS (and thus, Wisconsin Science Standards) science assessment samples and modules. There is a [task library](#) and [professional learning modules](#) among many other resources. Lots of national experts have worked on putting this together!

Student Opportunities

- STEAM and Dream Summit - Milwaukee, June 21st - MS/HS

<https://hyfin.org/2024/05/28/pinky-cole-derrick-hayes-to-headline-steam-dream-summit-mke/> - American Family Insurance will host the STEAM (science, technology, engineering, art, math) & Dream Summit on Friday June 21, 2024 on the Milwaukee School of Engineering campus. It is for middle and high school students. This unique and inclusive event is designed to provide hands-on training of STEAM disciplines, while providing the financial security skills needed for the current and next generation. American Family's event partner in Milwaukee is [Young Enterprising Society](#) focused on mobilizing resources to underserved communities. [Registration link](#).

- Science Saves! Student Video Competition

<https://www.washingtoncountyinsider.com/sciencesaves-scholarship/> - #sciencesaves supports a video competition for college-bound seniors with scholarship prizes - <https://sciencesaves.org/> This years top winner is a student from Wisconsin's Hartford Union High School! Check out her winning video. Note, the competition is over for 2024, so watch out for 2025 at [their website](#).

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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