



Hello Science Education Leaders,

Here are the latest science education resources and opportunities 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.

Let me know if you have any questions or if you're looking for further particular resources or support.

Cheers,
Kevin

Learning Opportunities

- [WSST Session Proposals](#) - due Dec 1
- [STEM Workshops and Events Calendar](#)
- [HMH NGSS Webinar Series](#) - Fall 2018

Resources

- [Fab Lab Grants Webinar](#) - Nov 12
- [Bringing the Universe to America's Classrooms](#) - new PBS resource

Student Opportunities

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- [Elkhorn Mini Maker Faire](#) - March 9

Details

Learning Opportunities

- WSST Conference Session Proposals - due Dec 1

<http://www.wsst.org/conference2019> - I'm looking forward to this year's WSST Conference in Madison! If you'd like to sign up to present a session or do a quick 10 min share in a share session (new this year), proposals are due Dec. 1st. It's great to hear what people are doing around the state to implement the new Wisconsin Standards for Science (and NGSS)!

- STEM Workshops and Events Calendar

<https://teamup.com/ks81c08692433e53d1> - I have several upcoming workshops and events noted on this calendar for reference, such as science networks and workshops at CESAs. If you'd like something noted on this calendar, let me know!

- HMH NGSS Webinar Series Fall 2018

learn.hmhco.com/HSSCI-Fall-2018 - HMH is excited to announce a free Fall Science Webinar Series beginning on Tuesday evenings in November. There is also a live Twitter chat for each session. Each hour-long session will begin at 6pm CT, but if you cannot attend live, you can still register and receive the recording of the webinar. Topics:

- Tuesday, November 6th: *Inquiry is Alive and Well in the NGSS* with Dr. Cary Sneider
- Tuesday, November 13th: *Re-thinking Curriculum for 21st Century Science Standards* with Michael DiSpezio
- Tuesday, November 20th: *Integrating Literacy into the Science Classroom* with Marjorie Frank
- Tuesday, November 27th: *Literacy across the Disciplines and 4-Dimensional, FUNomena-Based Science Teaching* with Dr. Thomas O'Brien
- Tuesday, December 4th: *What does Integrating Science in the NGSS Look Like?* with Jeffrey Rylander
- Tuesday, December 11th: *All Standards, All Students – A Case Study: Social Emotional Learning (SEL) and NGSS* with Bernadine Okoro

Resources

- FabLab Grants Webinar - Nov 12

<https://us.bbcollab.com/collab/ui/session/guest/34eac9b8c0034f599ab4d978618927ed> - The Wisconsin Economic Development Corporation (WEDC) and UW-Stout will be hosting a webinar on November 12, 2018 from 3-3:45 p.m. on Wisconsin's Fab Labs: Programs and Opportunities. They invite you to join to learn more about Fab Labs and WEDC's FY18 Fab Labs Grant program. They will also explore the WiFAB Cooperative – Fab Lab resources for Wisconsin's K-12 Districts. If you miss the live webinar, it will be recorded and available on the WiFAB site at <https://www.wifabcooperative.com/>.

- Bringing the Universe to America's Classrooms - new PBS resource

wpt.pbslearningmedia.org/collection/universe/ - "Bringing the Universe to America's Classrooms" - New PBS/WGBH resource for teachers (shared with me by Jeanine Gelhaus from Medford). Each collection includes a lesson plan and supplementary resources that feature a range of innovative media (images, interactives, games, videos, data visualizations). There are units for all grades K-12 - K-2: Waves (light), Space, Earth's Systems, and Weather/Climate; 3-5: Space, Earth's System; 6-8: Space, Earth's System, Weather/Climate; 9-12: Space, Weather/Climate.

Student Opportunities

- Science Fairs and Similar Opportunities

<https://dpi.wi.gov/science/science-fairs/opportunities> - There are so many great ways to get students involved in meaningful science projects; this website links to several. Junior Science and Humanities Symposium (JSHS) and the Capital Science and Engineering Fair (CSEF) are a couple with deadlines coming up. CSEF noted an expression of interest deadline of Nov 1st, but that deadline is very flexible!

- Elkhorn Mini Maker Faire - March 9

<https://elkhorn.makerfaire.com/> - Elkhorn Mini Maker Faire is back and looking for this year's Makers, Sponsors, and Volunteers. Last year was a huge success, welcoming more than 1200 guests and over 100 Makers. Location: Elkhorn Area High School - This offers more, free parking and a pool for aquatic makers. Outdoor space will be available. Early bird tickets will be offered for free, up until 1 week prior to the event. After that tickets will be available at the door for \$5 or \$20 per family (no matter the size). The website has further details, including signing up to exhibit or volunteer. Sponsors can email them at makerfaire@elkhorn.k12.wi.us. Feb 8 is last day to register to share (as a maker). If students (or others) want to sell anything, the cost is \$25.

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“Remember to look up at the stars and not at your feet. Try to make sense of what you see and wonder about what makes the universe exist. Be curious.” – Stephen Hawking