



Hello Science Education Leaders,

The new 4th and 8th grade Forward Exam in science is well underway! If you have any stories about how it's going (other than technical issues which should be sent to the assessment team), please share them with me.

Below are the latest science education resources and opportunities that have come across my desk. 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. A record of these emails can be found on my website: dpi.wi.gov/science/social-media.

If you know others who want to receive this monthly newsletter, please have them email me.

Cheers,
Kevin

Learning Opportunities

- [Forward Exam Item Review Opportunity](#) - July 23-25 in Madison
- [NGSS/WSS Administrator and Leadership Team Workshop](#) - June 19 in Oshkosh
- [HMH NGSS/Phenomena Webinars Series](#) - Apr 16 to May 21
- [Earth Week National Speaker, Stephen Ritz](#) - Apr 22 at UW-Whitewater
- [ASM Materials Science Camp in Racine](#) - June 24-28

Resources

- [Teach College Classes at Your High School](#) - UW Oshkosh CAPP

Student Opportunities

- [Middle School Science/STEM Fair](#) - all welcome - May 12 in Madison

Details

Learning Opportunities

- Forward Exam Item Review Opportunity - July 23-25 in Madison

<https://dpi.wi.gov/assessment/forward/educator-involvement> - DPI's Office of Student Assessment is looking for a diverse group of educators from all over Wisconsin (including EL

and special education teachers) to participate in the Summer “New Item Review” for the Science Forward Exam (and other content areas). This is a great opportunity to be a part of assessment development, provide valuable feedback, and take knowledge back to the district about the process. Past participants have really appreciated this opportunity. Mileage reimbursements and meals will be provided. A hotel room is available if you live over 100 miles away.

- NGSS/WSS Administrator and Leadership Team Workshop - Oshkosh on June 19

<https://drive.google.com/file/d/1sGEX53tDutWuotCqQ3rXCnEOZeh2MhkR/view> - This course is designed to provide a solid introduction to next generation science learning and teaching, and dive deep into high-leverage topics for implementation. Engage in science and engineering investigations to learn firsthand what this kind of instruction looks like, sounds like, and feels like in practice. Analyze cases of NGSS implementation from elementary and secondary schools. Leave with a wealth of advice and knowledge for the ongoing journey toward successful NGSS implementation. Registration is \$100, lunch and materials included. Located at the Fox Valley Technical College Riverside Campus. Contact Sarah Adumat with questions - sarah.adumat@oshkosh.k12.wi.us.

- HMH NGSS/Phenomena Webinars Series - Apr 16 to May 21

<http://learn.hmhco.com/HSSCI-Spring-2019> - HMH is sponsoring a free Spring NGSS Webinar Series! Join HMH authors and content specialists as they explore using phenomena to guide learning in the K-12 science classroom. Webinars will be held on six consecutive Tuesday evenings beginning April 16th and running through May 21st. Each webinar will be one hour in length and will begin at 6pm Central Time. Even if you cannot attend live, you can a link to the recordings. Participants attending live will receive a certificate of completion for completing one hour of professional development. Additional questions can be addressed to Ann Pearson: ann.pearson@hnhco.com

- Earth Week National Speaker, Stephen Ritz, at UW-Whitewater - Apr 22

<http://www.uww.edu/sustainability/students/events/earth-week-2019> - Stephen Ritz (<https://www.stephenritz.com/>) will present “The Power of a Plant: A Teacher's Odyssey to Grow Healthy Minds and Schools” at 7 p.m. in Young Auditorium. The event is free and open to the public. South Bronx educator, innovator and urban farmer Stephen Ritz developed a ground breaking, internationally certified curriculum that embeds concepts of sustainability, food, energy and environmental justice aligned to STEM content areas for elementary schools.

- ASM Materials Science Camp in Racine - June 24-28

<https://bit.ly/2E9HXCM> (set filter for ages 18 and up to find this opportunity) - The Prairie School and ASM Materials Education Foundation are sponsoring a no-cost STEM workshop for Science, STEM, industrial/career and technical education teachers. It introduces teachers to tools for engaging students in science and engineering practices of NGSS through real-world application and hands-on activities. What to expect: Content focused on materials science and engineering; Cost-effective hands-on activities addressing variety of concepts; Field trip showing applications of engineering practices; Information on career opportunities in science and engineering; Demonstration materials and meals; Graduate level credits available through Univ of Missouri-KC (at cost). At The Prairie School – Racine, WI.

Resources

- Teach College Classes at Your High School - UW Oshkosh CAPP

<https://www.uwosh.edu/capp/adjuncts-teachers/become-an-instructor/department-requirements#section-13> - UW-Oshkosh's CAPP program continues to look for high school teachers interested in teaching introductory level college courses for their high school students. They're particularly looking for Environmental Studies instructors right now.

Student Opportunities

- Middle School Science Fair - all welcome - May 12 in Madison

<https://dpi.wi.gov/science/science-fairs/masters> - The Madison Area Science Technology and Engineering Rising Stars (MASTERS) fair will be from 1pm to 4pm on May 12th in Madison. Students from across the state are welcome to register and attend. registration is requested by April 29th. This event provides students an authentic science/STEM opportunity to share their work with judges and receive recognition for it. My daughter participated and loved it!

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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