

Nebsci Monthly Memo | February 2022

<p>From NDE</p>	<p>Ready for the CCR Science Assessment Launch this Spring? If students have been engaging in standards and vision-aligned 3D learning, they will be! This performance task based assessment is based on the Assessment Shifts built from the Instructional Shifts for science we have been implementing since 2017. Check out the NSCAS Science Page for supports: range ALDs for 5th and 8th, pilot tasks for 5th and 8th, and the blueprint (replacing the table of specs). This assessment will establish our statewide baseline for student demonstration of learning in science as we continue to implement framework-aligned science instruction in NE classrooms. Don't forget the tasks in the repository can support this work when coupled with HQIM, as shown in this example crosswalk to Amplify scope and sequence. NSCAS Science Assessment Window: March 21 – Apr. 29, 2022</p>		
	<p>Nebraska Science System Looking for a systems model that represents the entire NE Science System? Look no further. Use this slide to find tools that support each component of the Nebraska Science System from Curriculum, Standards, and Assessment. These links will be updated as work continues.</p>		
<p>External Offerings</p>	<p>UNL Nebraska Summit on Math and Science Education Rescheduled for June 4th The Summit features three distinguished plenary speakers: Felicia Moore Mensah of Columbia University, Amanda Morales of the University of Nebraska–Lincoln, and Mona Toncheff, past president of the National Council of Supervisors of Mathematics. In addition to the keynote speeches, concurrent breakout sessions will address issues in elementary, middle, and secondary math and science education; teacher preparation; professional development for math and science teachers; STEM education for multi-language learners; and assessment. Register HERE June 4th, 2022 8:30-4:30 PM @ Innovation Campus Conference Center, 2021 Transformation Drive in Lincoln, NE \$60 registration fee</p>		
	<p>High School EdReports Webinar: Addressing the Urgent Need for Quality K-12 Science Materials: What's Next for High School Reviews Recent field research from EdReports, the nonprofit curriculum reviewer, found inequities not only in the selection and use of quality science curricula, but also a lack of support for educators to make the instructional shifts necessary. They'll be hosting a free webinar to share key highlights from their research, why high-quality instructional materials matter for students and teachers, next steps for EdReports' high school science review tools, and opportunities for PL. Stay tuned for the NDE/EdReports Webinar coming soon! Tuesday, February 15 from 6-7 pm CT</p>		
<p>Resources</p>	<p>OpenSciEd 8.4 Materials Kit available for pre-order AquaPhoenix is now accepting pre-orders for the new 8.4 OpenSciEd unit: Earth in Space. Take the guesswork and headache out of sourcing materials and ensure your teachers are getting the materials and support they need.</p>	<p>NGSX Pathways Looking to invest in professional learning for K-12 teachers, teacher leaders, or administration in your district? NGSX has several high quality PL pathways to choose from. Keep your eyes out for the elementary science pathway coming soon!</p>	<p>The Instructional Leader's Guide to Implementing K-8 Science Practices Are you or do you know a K-8 administrator hoping to support three dimensional science teaching and learning? This primer might help. Order now!</p>
<p>Applications</p>	<p>World Food Prize- Nebraska Youth Institute Encourage your HS students to submit a paper for this year's in-person World Food Prize event hosted at UNL. Students must be accompanied by a teacher/mentor. Cost of the event is free, meals provided, however travel must be arranged separately. Attendees are eligible for a \$500 scholarship. Deadline for registration: February 1, 2022 Event Date: March 7, 2022</p>	<p>Peer Review Panel The NextGenScience PRP reviews units using EQulP rubric, a tool designed to evaluate the ability of a given set of materials to support 3D teaching and learning. Materials that meet the rigorous standards are awarded the NGSS Design Badge. Apply to represent NE on the review panel Submit a unit for review</p>	<p>EdReports HS Reviewer Application open! EdReports plans to review five biology NGSS programs in the inaugural review. If selected, you will sit on a team of five reviewers who will be examining one set of materials with the support of EdReports' science team. Reviewers receive a stipend per series reviewed ranging from \$1,750 - \$2,500. Review starts in early April 2022.</p>
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