

Nebsci Monthly Memo | December 2021

<p>From NDE</p>	<p>Network with Dr. Melissa Braaten of Ambitious Science Teaching The Interstate Science Collaborative invites you to an evening session with Dr. Melissa Braaten, author of Ambitious Science Teaching. The session is free and ALL are welcome to join. Invite your colleagues! December 16, 2021 6-7 PM CT Zoom Link Password: SenseMake</p>		
	<p>Science Classroom Formative Assessment Repository Password: ScienceFA The formative assessment repository has new 3-D tasks for grades 4, 7, and HS Physical, complete with design tools, rubrics, and student exemplar responses. Use these as pre-assessments, group tasks, inspiration for lesson phenomena, or practice for end-of-unit assessments.</p>		
<p>External Offerings</p>	<p>UNL Nebraska Summit on Math and Science Education 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 February 21, 2022 8:30-4:30 PM @ Innovation Campus Conference Center, 2021 Transformation Drive in Lincoln, NE \$60 registration fee</p>		
	<p>USA Biolympiad (USABO) The USABO, the nation’s largest biology education program, provides a unique opportunity for high school students to gain a deeper understanding of the seven major areas of biology. Not only will participation prepare Nebraskan students to excel in their coursework, but it also provides the chance to form bonds with peers across the nation and spark a passion that will guide them to become leaders of academia and industry.</p>		
	<p>Ocean Exploration Trust Field Trips Connect your students for a free Q&A with a live streaming deep-sea exploration expedition in the Central Pacific with Dr. Robert Ballard's team Ocean Exploration Trust. Sign up for a 30-minute live ship-to-shore connection to speak with the team of ocean explorers custom scheduled for your class schedule. Bring cutting-edge discovery and real-world science, tech, engineering, and art careers into your teaching. Find more than 150+ ocean resources</p>		
	<p>PhD Science Webinars TUESDAY, DECEMBER 7 3:45 PM CT Participants will receive a walkthrough of the first Tier 1 rated science curriculum, its instructional materials, including the free K–2 open educational resources now available for Fall 2021, and the suite of support resources for teachers, students, and families. Register HERE</p>		
<p>Resources</p>	<p>Data Classroom: Ready-to-Teach Lessons Explore the concept of terminal velocity (Part I) with analysis of a falling coffee filter. Students can compare three parachute designs and make evidence-based claims for multiple stakeholders (Part II) who want specialty parachutes. Part I Part II</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>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>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>2021-2022 PAEMST cycle now open! Nominate someone or Apply HERE Congratulations to state finalists Katy Dombos, Christina Argo, Brianna Valentine, and Leah Litz!</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>
<p>Monthly Memo Feedback Form Follow me on Twitter for more #nebsci news: @NDE_Science</p>			

