

## Nebsci Monthly Memo | January 2023

From NDE	<p><a href="#">Lessons Learned from the 2022 Operationalized NSCAS Summative Assessment for Science</a>            New Item Type Samplers to be released in February, 2023            Assessment Window: April 3 – May 12, 2023</p> <p><b>NSCAS Science Summative Task Writing Workshop for grades 5 and 8</b></p> <p>Two NSCAS Science Task Writing Workshops will be offered in-person this summer. Participants will be paid \$750 for completing their assigned tasks in the workshop. Lodging and mileage will be provided for participants traveling over 60 miles to the location.</p> <p><b>Workshop 1:</b> June 12-16 in Central or Western Nebraska, location TBD  <b>Workshop 2:</b> July 10-14 in Lincoln</p> <p><b>Please send Rhonda True <a href="mailto:rhonda.true@nebraska.gov">rhonda.true@nebraska.gov</a></b> name, email, district, and grade (either 5 or 8) of strong candidates for this workshop. Candidates should have a strong understanding of the 3-dimensional Nebraska College and Career Ready Standards for Science and show evidence of instructional shifts in their classroom.</p>		
Making the Case for Strong Science Education in Elementary Grades	<p><a href="#">Speaking Up for Science and Social Studies</a>  <a href="#">Nell Duke</a>, a professor of early literacy at the University of Michigan, shares her recent findings on the importance of high quality science education on literacy outcomes for all students.</p>	<p><a href="#">The importance of Science in Literacy Development</a>            A tenet of the Science of Reading speaks to the importance of content knowledge development for comprehension. This research, published in 2021, searches through existing literature to make the case for the centrality of science in literacy development, especially in our early learners.</p>	<p><a href="#">Baseball Study</a>            3D Science pedagogy asks us to provide opportunities for students to build conceptual understanding through inquiry by investigating relevant phenomena. After students have articulated understanding in their own words, they are better able to comprehend academic texts and layer on academic language. This pedagogy has been shown to have both positive correlation with reading comprehension and science content retention.</p>
Applications	<p><b>2022-2023 PAEMST cycle now open!</b>            Nominate someone or Apply <a href="#">HERE</a>            Congratulations to PAEMST national winner Leah Litz!</p>	<p><a href="#">Peer Review Panel</a>            The NextGenScience PRP reviews units using <a href="#">EQuIP rubric</a>, a tool designed to evaluate the ability of a given set of materials to support 3D teaching and learning. Materials that meet <a href="#">the rigorous standards</a> are awarded the <a href="#">NGSS Design Badge</a>. <a href="#">Apply</a> to represent NE on the review panel <a href="#">Submit</a> a <a href="#">unit for review</a></p>	<p><a href="#">National Youth Science Camp</a>            Every year, Nebraska can send two graduating seniors to the NYSC in West Virginia at no cost. Since 2020, NYSC has been virtual, but this year they are back in person ! If you know a high school senior committed to science, ask them to apply <a href="#">HERE</a> by February 28 for this national networking and learning opportunity.</p>
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