

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**

Division of Behavioral and Social Sciences and Education  
Board on Science Education

**Taking Stock of Science Standards Implementation: A Summit  
Supporting 3D Instructional Shifts Coffee Talk**  
Wednesday, March 16, 2022 | 6:00 PM-7:30 PM EDT

**Moderated by:** K. Renae Pullen, *Elementary Science Curriculum Instruction Specialist,  
Caddo Public Schools*

Science standards implementation is a broad landscape that covers a wide array of levers, including how much time is devoted to science and engineering, the tools and resources that are available, and teacher preparation and use of particular pedagogical approaches. Teachers are central to this work. Please join the National Academies of Sciences, Engineering, and Medicine's Board on Science Education for a series of webinars based on the recent summit on Taking Stock of Science Standards Implementation. This fourth webinar, moderated by K. Renae Pullen, will take a closer look at how teachers work to implement science and engineering in their classrooms. A panel discussion, small group think time banded by grade levels, and full group discussion will enable the field to consider and showcase best practices within the classroom.

**Panelists:**

Gretchen Brinza, *6<sup>th</sup>/8<sup>th</sup> Grade Science Teacher, Louisville Middle School*  
Cindy Soule, *4<sup>th</sup> Grade Teacher, Gerald E. Talbot Community School*  
Kaia Tomokiyo, *Kindergarten Teacher, Renton Unified School District*  
Nelly Tsai, *Science Teacher, Northwood High School*