

# NGSS NOW

## 6 things to know about quality K-12 science education in October 2024



1

### Transforming the Instructional Materials Marketplace: A Report on the Impact of NextGenScience's EQUIP Reviews and Peer Review Panel

A new report outlines the impact of Achieve's and NextGenScience's instructional materials evaluations on the science education field over the past eight years. In addition to an overview of the work that has led to significant improvements in quality of science materials, the report describes the history of the work and makes forward-looking recommendations for the field.



See the report [here](#).

2

### Blog: Design Considerations for Data-Rich, Place-Based Science Instruction



Connecting to students' everyday lives and experiences through place-based education approaches can foster more meaningful learning experiences. Few teachers, however, have support to implement this kind of instruction. The most recent [On the Same Wavelength](#) blog post shares design considerations for professional learning to support teachers to use data-rich, place-based instruction in their classrooms.

See the NextGenScience blog post [here](#).

### 3

## Centering Students in Science: A Professional Learning Success Story

This case study and infographic highlights lessons learned from a community of school and district leaders in New Mexico focused on building and implementing a shared vision for equitable science instruction. Participants received support to design and begin to implement a long-term professional learning plan for their schools. The report describes the development of the Building Science Leaders model, sharing key data points that underscore the model's impact, and offering insights for education leaders seeking to advance science education in their schools and districts.

Read more in the WestEd resource [here](#).



### 4

## School Accountability Systems 2024

The Every Student Succeeds Act federal education law allows states to choose how they will measure school quality and student success. Roughly half of states have decided to prioritize science in their accountability system. As many states have adjusted their accountability priorities after the COVID-19 pandemic, the Education Commission of the States [recently updated](#) and compiled state accountability measures for all 50 states.

Learn about your state's school quality and student success measures — including whether science is included — [here](#).

5

## "You Are Invited" - Findings from the *Reconceptualizing the Development of Educator Expertise for a Multilingual, Intercultural Future* Conference



Hosted by the [National R&D Center to Improve Education for Secondary English Learners](#), this June 2024 conference brought together teachers, researchers, and others supporting education for multilingual learners. Participants discussed the rigorous learning experiences that can result from students talking and listening with peers and making sense of disciplinary ideas through meaningful activities.

See the findings summary and conference materials [here](#).

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## Roundtable on Systemic Change in Undergraduate STEM Education

The Board on Science Education is hosting a roundtable to discuss strategies for faculty and administrators at higher-education institutions to systematically make changes to improve undergraduate student learning experiences in STEM.

Learn more and register for the virtual and in-person October 24, 2024 event [here](#).

