

## 6 things to know about quality K–12 science education in September 2024



1

### New STEM Teaching Tool: How might climate educators leverage the diverse funds of knowledge of rural communities?

This guide outlines how to leverage priorities, knowledge, and partners in rural communities to improve science teaching and learning. In particular, it suggests making connections between local climate and potential impacts on agriculture, infrastructure, recreation, health, and policy.

See STEM Teaching Tool #98 [here](#).



2

### 20th Anniversary of the Board on Science Education



The National Academies of Sciences, Engineering, and Medicine is hosting a virtual and in-person event celebrating 20 years of the Board on Science Education. Speakers and panelists will lead conversations to reflect on the science education community's accomplishments as well as its vision for the next 20 years.

Read more about and register for the September 19 event [here](#).

### 3

## Webinar: Unpacking the Diversity of Multilingual Learners and Communities

Using language that better serves multilingual learners and their communities can improve their science educational experiences. This webinar by the Regional Educational Laboratories will provide a discussion about equity related issues, terminology, and strategies to better meet the needs of multilingual learners.

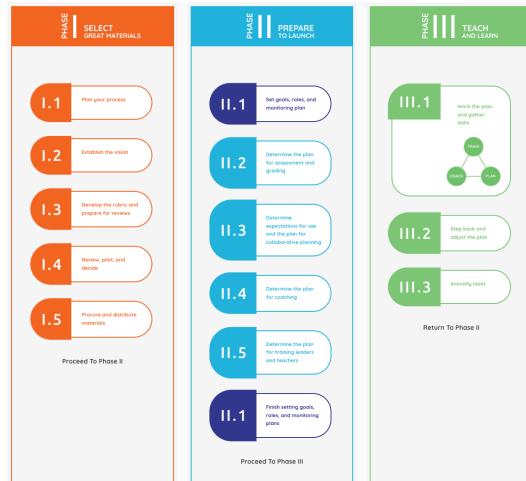
Register for the September 12 webinar [here](#).

### 4

## Avoid the Pitfalls of Curriculum Implementation

*“Selection teams should articulate a vision of how they want to transform teaching and learning and then choose a curriculum to support and advance that vision. Setting a vision might seem minor, but this step can help establish the curriculum as a tool to enhance student learning rather than as the end goal in and of itself.”*

See the Instruction Partners Blog Post [here](#).



### 5

## 5 Ways Teachers Want Administrators to Support Them



Administrators have a critical role to play in creating a supportive environment for effective science teaching and learning. This article synthesizes administrator-related findings from the Merrimack College Teacher Survey, which asked nearly 1,500 public school teachers and 131 private school teachers about their job satisfaction and mental health.

See the EdWeek article [here](#).



## ICYMI: Tennessee District Science Network Assessment Task Library

These example tasks were developed by teacher workgroups in the Tennessee District Science Network (TDSiN), a network launched in early 2019 and managed by NextGenScience. Teachers worked collaboratively across districts to develop and revise tasks to include phenomena or problem-based scenarios, student use of multiple-dimensions, and equitable features. Each task has been evaluated using an adapted version of the [Science Task Screener](#).

See the task library and background information [here](#).

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