Why it is crucial to make cultural diversity visible in STEM education

There are many important reasons to represent the broad cultural diversity of STEM endeavors—both historically and presently—in instruction. Science educators should collectively highlight in instruction how people engage in understanding and shaping the natural world in ways that relate to their histories and interests. This includes focusing on cultural STEM engagements that are locally meaningful to specific communities being served through education and should include meaningful pursuits students can engage in related to STEM.
Other New Tools

Brief #54: How to build an equitable learning community in your science classroom
[Read]

PD Resource E: Selecting Anchoring Phenomena for Equitable 3D Teaching (2-day OER PD module)
[Read]

Help Share STEM Teaching Tools on Twitter

Please help us get the word out about our resources! Retweet this tweet, originally posted by our editor, Philip Bell. When you do, you'll automatically be entered into a drawing for a full-color, hardcopy set of the entire STEM Teaching Tools collection. We're giving away 25 full sets!
What are STEM Teaching Tools?

STEM Teaching Tools are short briefs and OER PD modules designed to bring together ideas and resources to address common challenges as educators adopt the new vision for science education in the NRC Framework and resulting Next Generation Science Standards (NGSS). These tools are helping thousands of educators across the country align their teaching with best practices from both research and teaching.

STEM Teaching tools are:

- co-written by researchers and educators.
- easily downloadable as PDFs.
- updated regularly at stemteachingtools.org, with new briefs created in response to educator needs.

Access the entire collection of STEM Teaching Tools

Follow us on Facebook, Twitter and Pinterest
This site is primarily funded by the National Science Foundation (NSF) through the Research + Practice Collaboratory (Award #1238253, #1626365). Opinions expressed are not those of any funding agency.