The latest from STEM Teaching Tools, a series of free, bite-sized PDFs for science educators. Field Notes #10, October 2018 View this email in your browser

# **STEM** teaching tools **Field Notes** Resources & Insights for Science Educators



# 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.

Read STEM Teaching Tool #55

#### **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]

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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 <u>stemteachingtools.org</u>, with new briefs created in response to educator needs.



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This site is primarily funded by the <u>National Science Foundation (NSF)</u> through the <u>Research + Practice</u> <u>Collaboratory (Award #1238253, #1626365)</u>. Opinions expressed are not those of any funding agency.



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