



**ONLINE
WORKSHOPS**

Creating Relevant and Meaningful STEM Experiences

Online Workshop Summary of Resources
April 15, 2025

Presenters

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Resources

- All resources (including a PDF download of the slides and this summary): <https://nisenet.org/online-workshop-relevantSTEM2025>
- Recording of the Online Workshop on Vimeo: <https://vimeo.com/nisenet/relevantstem25>

Links Shared During the Workshop

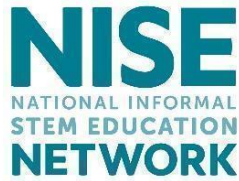
NISE Network Resources

- NISE Network STEM Learning Ecosystem Project:
 - Resources (including videos, professional learning activities, illustrations, and more): <https://www.nisenet.org/stem-learning-ecosystems>
 - Project Info: <https://www.nisenet.org/STEM-learning-ecosystems-project>
- Recording - NISE Network Online Workshop: Introduction to STEM Learning Ecosystems - Principles and Practices for Community-wide Partnerships (recorded 2/11/25): <https://nisenet.org/catalog/online-workshop-recording-intro-stem-ecosystems>
- Recording - NISE Network Online Workshop: Museum Experiences Participating in STEM Learning Ecosystems (recorded 3/4/25): <https://nisenet.org/catalog/online-workshop-recording-museum-experiences-2025>
- Activities shown from the Explore Science: Earth and Space Toolkit: <https://www.nisenet.org/earthspacekit>
 - Exploring Earth: Temperature Mapping <https://www.nisenet.org/catalog/exploring-earth-temperature-mapping>
- Activities shown from the Changing Brains kit: <https://www.nisenet.org/neuro>
 - Neuro Futures Card Game: <https://nisenet.org/catalog/neuro-futures-card-game>
- NISE Network - Making STEM Content Relevant (2022 longer presentation): <https://www.nisenet.org/making-stem-relevant>

- Staying connected to the NISE Network
 - Getting started with the NISE Network: <https://nisenet.org/gettingstarted>
 - Browse resources by topic: <https://www.nisenet.org/browse-topic>
 - Read the monthly newsletter: <https://nisenet.org/newsletter>
 - Follow #nisenet on social media: <https://www.nisenet.org/social>
 - Upcoming events & online workshops: <https://www.nisenet.org/events>
 - Recordings of past NISE Network online workshops: <https://www.nisenet.org/online-workshop-recordings>

Resources

- GLOBE Observer App: <https://observer.globe.gov/about/get-the-app>
- “Neuroscience is ready for neuroethics engagement” article: <https://www.frontiersin.org/journals/communication/articles/10.3389/fcomm.2022.909964/full>
- Science Public Engagement Partnership Resources: <https://www.sciepep.org/resources>
- The Art of Relevance with Nina Simon, TED talk: <https://www.youtube.com/watch?v=NTih-l739w4>
- Nina Simon’s The Art of Relevance book: <https://artofrelevance.org>
- STARnet - Community Dialogues Guide: Reach Out, Engage and Learn from Your Community: <https://www.starnetlibraries.org/deia/community-dialogues/>
- American Association for State and Local History (AASLH) - Technical Leaflet #273 Demonstrating Relevance (need to create an account to access): <https://learn.aaslh.org/products/technical-leaflet-273-demonstrating-relevance>
- American Association for State and Local History (AASLH) - Technical Leaflet #263 What’s the Big Idea? Using Listening Sessions to Build Relationships and Relevance (need to create an account to access): <https://learn.aaslh.org/products/technical-leaflet-263-whats-the-big-idea-using-listening-sessions-to-build-relationships-and-relevance>
- Made By Us Youth 250 - Design Your Program Tips (What makes a program great?): <https://historymadebyus.org/youth250/toolkit#design-your-program>
- “Intrinsic Motivation in Science Museums: Learning from and Broadening Participation of Visitors with Learning Disabilities” (referenced by Museum of Science, Boston): <https://informalscience.org/project/intrinsic-motivation-science-museums-learning-and-broadening-participation-visitors-learning/>
- Additional Resources & References from the Museum of Life and Science:
 - “I do Science!” Shifting Science Identities and Belonging: <https://bassconnections.duke.edu/i-do-science-shifting-science-identities-and-belonging/>
 - Children lose confidence in their potential to “be scientists,” but not in their capacity to “do science:” <https://www.princeton.edu/~sjleslie/Children%20Lose%20Confidence%20in%20their%20Potential%20to%20be%20Scientists.pdf>
 - Journal of Museum Education Case Study - “Science Together: Co-Creating Meaningful Informal Science Education Experiences Between a Science Center and a Temporary Homeless Shelter:” https://www.nisenet.org/sites/default/files/catalog/uploads/science_together_co-creating_meaningful_informal_science_education_experiences_between_a_science_center_and_a_temporary_homeless_shelter_journal_of_museum_education_cawley_et_al_2022.pdf



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