

The National Informal STEM Education Network (NISE Net) is a community of informal educators and scientists dedicated to supporting learning about science, technology, engineering, and math (STEM) across the United States.



Explore Science: Earth & Space

Professional development and public engagement resources about Earth and space science with connections to science, technology, and society; 350 toolkits produced and distributed 2017-2020. **The 2020 toolkit Part B includes a collaborative Moon Adventure Game and activities about the Moon.**

- Timeline: 2020 toolkit ships in two parts: Part A in February & Part B in November
- Free digital materials available online to everyone
- Learn more: www.nisenet.org/earthspacekit and www.nisenet.org/moongame
- Funding: NASA through Arizona State University & Science Museum of Minnesota & Arizona Science Center



Explore Science: Let's Do Chemistry

Professional development and public engagement resources based on evidence for strategies to stimulate interest, sense of relevance, and feelings of self-efficacy about chemistry; 250 kits produced and distributed in 2018.

- **Let's Do Chemistry Train-the-Trainer Online Workshops in 2020-2021**
www.nisenet.org/lets-do-chemistry-train-trainer-workshops-info
- **National Chemistry Week Oct 18-24, 2020** nisenet.org/national-chemistry-week
- Free digital materials available online to everyone
- Learn more: www.nisenet.org/chemistry-kit
- Funding: National Science Foundation through Museum of Science



Sustainable Futures

Professional development and public engagement resources about sustainability; hands-on activities and training materials produced in 2016 and 2020.

- Timeline: **Fellowship application for Cohorts D, E, F opens in early 2021**
- Free digital materials available online to everyone
- Learn more: www.nisenet.org/sustainability
- Funding: Rob and Melani Walton Foundation through Arizona State Univ. and IMLS



Citizen Science, Civics, and Resilient Communities (CSCRC)

Through forums and citizen science projects, museums engage the public in active learning and resilience planning around heat waves, sea level rise, extreme precipitation, and drought.

- Timeline: **application opens in December 2020**
- Eligibility: museums in the United States; 20 museums will be selected
- Learn more: www.nisenet.org/CSCRC
- Funding: NOAA through Museum of Science





Sun, Earth, Universe exhibition

The *Sun, Earth, Universe* exhibition is an engaging and interactive museum exhibition about Earth and space science for family audiences; 52 exhibitions distributed 2018-19

- Learn more: www.nisenet.org/sunearthuniverse
 - Awarded locations: www.nisenet.org/sunearthuniverse-locations
 - Waiting list for exhibitions contact Regional Hub: nisenet.org/contact
 - Funding: NASA through Arizona State University & Science Museum of Minnesota
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Frankenstein200

Hands-on activities that promote creativity and reflection about responsible innovation, inspired by themes in Mary Shelley's novel *Frankenstein*; celebrating the 200th anniversary of the publication of Mary Shelley's novel; kits produced 2017.

- Free digital materials available online to everyone
 - Learn more: www.nisenet.org/frankensteinkit
 - Funding: National Science Foundation through Arizona State University
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Building with Biology

Kits with hands-on activities and public forum programs designed to promote conversations among scientists and public audiences about synthetic biology; 200 kits produced and distributed in 2016; human genome editing forum produced in 2018.

- Free digital materials available online to everyone
 - Learn more: www.nisenet.org/building-with-biology-kit
 - Funding: National Science Foundation through Museum of Science
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NanoDays

Kits featuring hands-on activities and professional development resources about nanoscale science, engineering, and technology topics, kits distributed in 2008-2015.

- We encourage partners to continue holding events during upcoming NanoDays dates: March 27-April 4, 2021; March 26-April 3, 2022; March 25-April 2, 2023
 - Free digital materials available online to everyone
 - Learn more: www.nisenet.org/nanodays
 - Funding: National Science Foundation through Museum of Science
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Museum & Community Partnerships

Explore Science: Zoom into Nano

Kits are designed to facilitate collaborations with local community partners in an effort to engage underserved audiences about nanoscale science; kits produced 2016.

- Free digital materials available online to everyone
 - Learn more: www.nisenet.org/explorescience-nano
 - Funding: National Science Foundation through Museum of Science
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Keep in Touch with the NISE Network

- Newsletter: nisenet.org/newsletter
 - Social Networking: nisenet.org/social
 - Professional Development resources: nisenet.org/pd
 - Upcoming Events: nisenet.org/events
 - Regional Hub contact: nisenet.org/contact
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