

The National Informal STEM Education Network brings people together to engage in STEM, understand our world, and build a better future for everyone.



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. Moon Adventure Game distributed in 2020. Earth & Space project-based professional learning community 2021-2022.

- Learn how you can celebrate the **Webb Space Telescope launch** and future discoveries: www.nisenet.org/webb
- More Earth & Space STEM celebrations: www.nisenet.org/big-celebrations
- Free digital materials available online to everyone
- Learn more: www.nisenet.org/earthspacekit and www.nisenet.org/moongame
- Funding: NASA through Arizona State University and Arizona Science Center



Sustainable Futures

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

- Timeline: Fellowship awarded for 2021-2022 - **A few spots left in Cohort F**
- Free digital materials available online to everyone
- Learn more: www.nisenet.org/sustainability
- Funding: Rob and Melani Walton Foundation and IMLS through Arizona State Univ.



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: Project stipend recipients selected and projects are underway
- Learn more: www.nisenet.org/CSCRC
- Funding: NOAA through Museum of Science



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.

- **National Chemistry Week Oct 17-22, 2021** www.nisenet.org/ncw
- Free digital materials available online to everyone
- Learn more: www.nisenet.org/chemistry-kit
- Train-the-trainer materials: www.nisenet.org/chemistry-train-the-trainer
- Funding: National Science Foundation 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
- Waiting list for exhibitions, please contact Regional Hub: nisenet.org/contact
- Funding: NASA through Arizona State University & Science Museum of Minnesota



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



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



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 to use activities during NanoDays dates (March 26-April 3, 2022; March 25-April 2, 2023) and throughout the year
- Free digital materials available online to everyone
- Learn more: www.nisenet.org/nanodays
- Museum & Community Partnerships - Explore Science: Zoom into Nano: Learn more: www.nisenet.org/explorescience-nano
- Funding: National Science Foundation through Museum of Science



Nano Exhibition

- Nano is an interactive, small footprint exhibition that engages family audiences in nanoscale science, engineering, and technology; 93 exhibitions distributed 2011-14
- Learn more: www.nisenet.org/exhibits/nano-mini-exhibition
- Waiting list for exhibitions, please contact Regional Hub: nisenet.org/contact
- Funding: National Science Foundation through Museum of Science



Keep in Touch with the NISE Network

- How to get started with the NISE Network: nisenet.org/gettingstarted
 - Newsletter: www.nisenet.org/newsletter
 - Social Media: www.nisenet.org/social
 - Professional Learning resources: www.nisenet.org/pd
 - All Events: www.nisenet.org/events-all
 - Events for Professionals: www.nisenet.org/events
 - Regional Hub contact: www.nisenet.org/contact
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