



Explore Science: Earth & Space

250 toolkits with hands-on activities in 2017, 2018, 2019 and 2020

50 exhibitions in 2018 and 2019

Online workshops in 2017, 2018, 2019 and 2020

- Timeline: 2018 toolkit applications due Fall 2017
- Timeline: exhibition applications anticipated in late 2017
- Eligibility: museums and public planetariums in the United States; free digital materials will be available to everyone
- More information: www.nisenet.org/earthspacekit
- Funding: NASA through Science Museum of Minnesota



Frankenstein's Footlocker

Hands-on activities exploring science-in-society questions raised by Mary Shelley's novel *Frankenstein* plus related digital interactives where visitors can participate in creative online activities

- Timeline: digital kits available in Fall 2017
- Free digital materials will be available online to everyone
- More Information: www.nisenet.org/frankensteins-footlocker
- Funding: National Science Foundation through Arizona State University



ChemAttitudes

250 kits of educational activities designed to stimulate interest, sense of relevance, and feelings of self-efficacy about chemistry

- Timeline: application and kit distribution in 2018
- Eligibility: museums and chemistry public outreach groups in the United States; free digital materials will be available online to everyone
- More Information: www.nisenet.org/chemattitudes
- Funding: National Science Foundation through Museum of Science



Building with Biology

200 kits with hands-on activities designed to promote conversations in among scientists and public audiences about synthetic biology, produced 2016

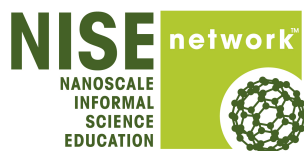
- A few physical kits are still available
- Free digital materials available online to everyone
- Digital download: www.nisenet.org/building-with-biology-kit
- Website: www.buildingwithbiology.org
- Funding: National Science Foundation through Museum of Science



Sustainability in Science Museums

Kits featuring hands-on activities about sustainability, produced 2016

- Free digital materials available online to everyone
- Digital download: www.nisenet.org/sustainable-kit
- Website: sustainabilitysolutions.asu.edu/sciencemuseums/
- Funding: Walton Sustainability Solutions Initiatives at Arizona State University



Nanoscale Informal Science Education Network

Recent professional development publications include:

- *Games and the NISE Network: A Gameful Approach to STEM Learning Experiences*
- *Leading and Managing the NISE Network: Practical Solutions for Creating a Flexible National Network*
- *NanoDays Collection: A complete compendium of NanoDays resources*
- *DIY Nano: a book of do-it-yourself science activities that investigate nano*
- *Museum & Community Partnerships—Collaboration Guide: For museums working with community youth-serving organizations*
- *NISE Network Program Development: A guide to creating effective learning experiences for public audiences*
- *NanoDays: A NISE Network guide to creating activity kits, building communities, and inspiring learning*
- *Evaluating the NISE Network: Reflections from the Evaluation Workgroup*
- Free digital materials available online to everyone
- Website: www.nisenet.org/About_Professional_Development



NanoDays

Kits featuring hands-on activities and professional development resources about nanoscale science, engineering, and technology topics, produced 2008-2015

- We encourage partners to continue holding events and using kits during upcoming NanoDays dates: March 31-April 8, 2018; March 30-April 7, 2019; March 28-April 5, 2020
- Free digital materials available online to everyone
- Digital download: www.nisenet.org/nanodays
- Funding: National Science Foundation through Museum of Science



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, produced 2016

- Free digital materials available online to everyone
- Digital download: www.nisenet.org/explorescience-nano
- Funding: National Science Foundation through Museum of Science

Small Footprint Exhibitions

The NISE Network leadership is exploring opportunities to develop, fabricate, and distribute modular small footprint exhibitions on different topics modeled on the *Nano* exhibition. We are interested in talking with partners about their interest in this model and different topics they may be interested in.

- More information: www.smm.org/smallfootprint

