Nanoscale Informal Science Education Network (NISE Net)

NISE network™
NANOSCALE INFORMAL SCIENCE EDUCATION

NISE Net is an NSF-funded national community of researchers and informal science educators dedicated to fostering public awareness, engagement, and understanding of nanoscale science, engineering, and technology.

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NISE Net Goals

Network community: increase capacity in the field

- Support partners in engaging the public in nanoscale science, engineering, and technology
- Form partnerships among informal science education (ISE) institutions and research centers

Educational products: engage the public

- Develop and distribute educational products
- Raise public awareness and understanding of nano

Knowledge: inform the field and future projects

- Generate and document learning through evaluation and research
- Communicate broadly in ISE and research fields

Engaging the Public

NanoDays nationwide festival

Programs, demos, and activities

Exhibits and media

NanoDays (nisenet.org/nanodays)

NanoDays is the largest public outreach effort in nanoscale informal science education. This annual event involves hundreds of museums, research centers, and universities across the United States.

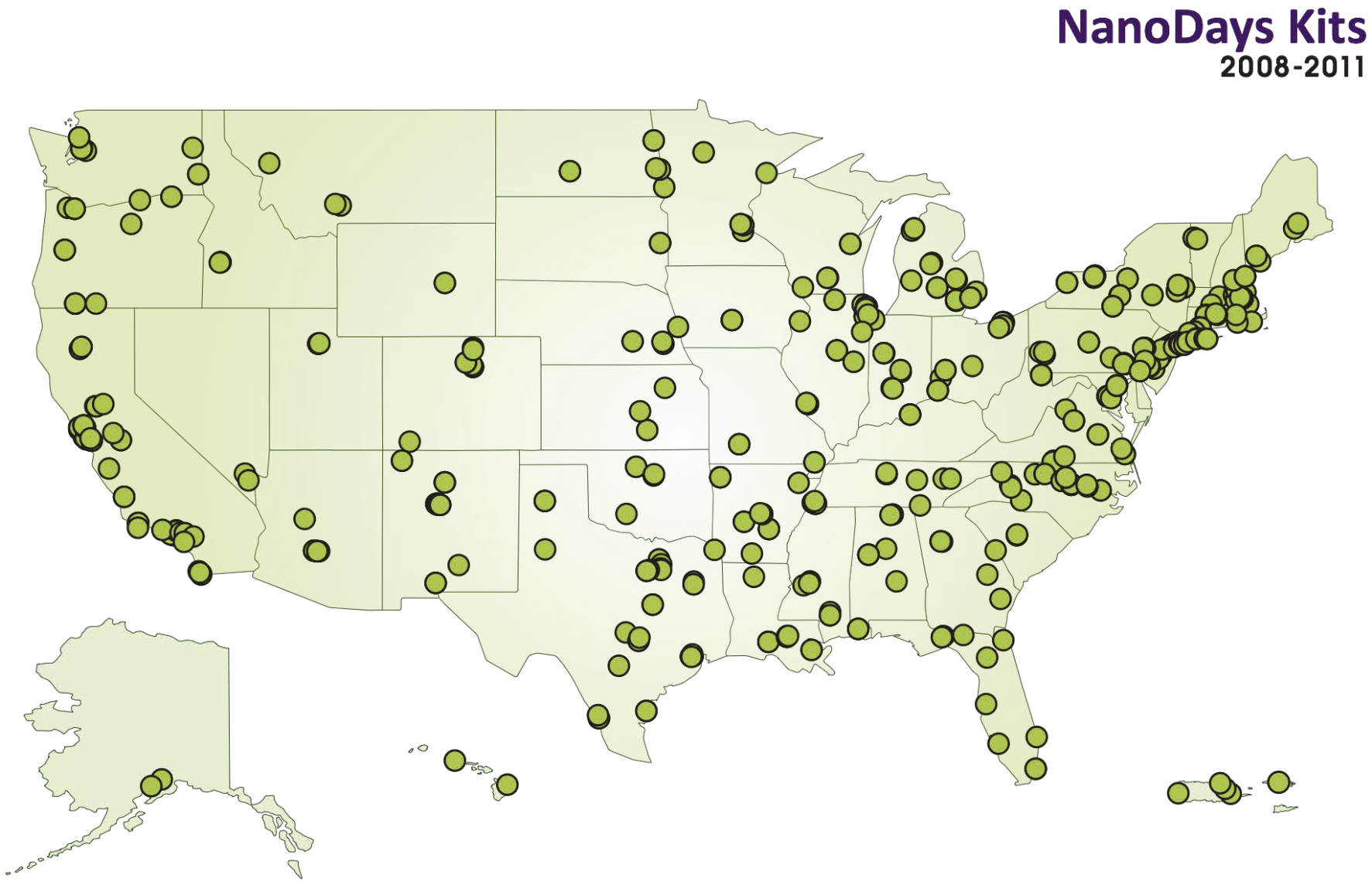
Reach

- Hundreds of sites across the country, in every state
- ~470,000 visitors annually
- Family audiences

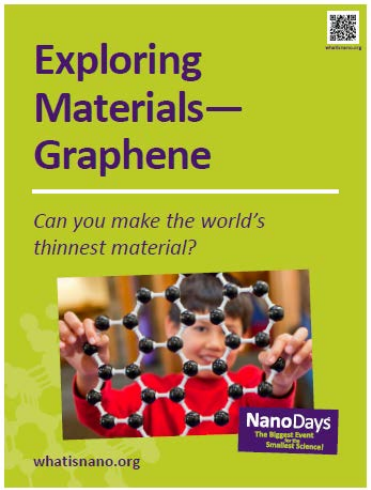
Resources

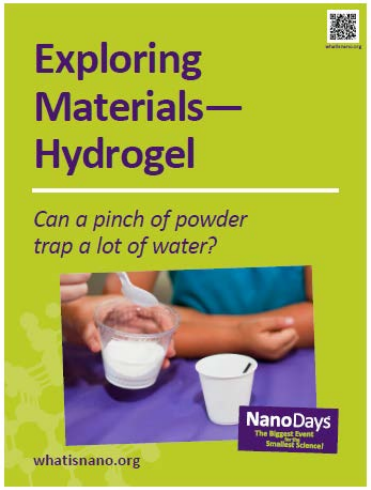
- Materials for hands-on activities and games
- Media and graphic materials
- Training materials
- Marketing and promotional materials

NanoDays Participants (nisenet.org/nanodays)

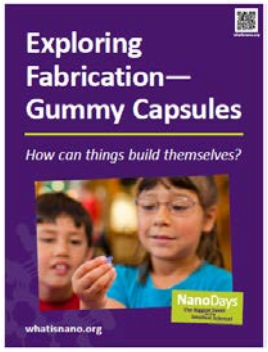


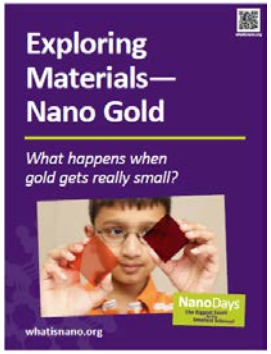
NISE Net and ACS

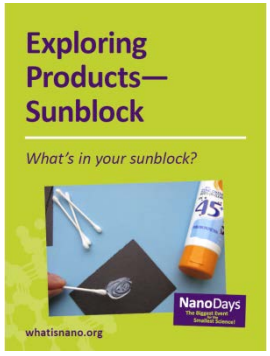


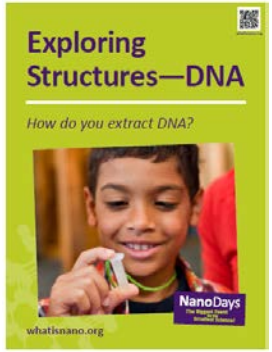


- Hands-on nanotechnology activities in the Celebrating Chemistry guide for NCW 2012 based on successful **Nanodays** outreach activities.
- Added chemistry connections from ACS educators.





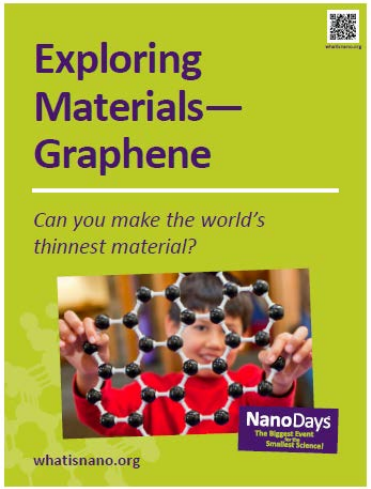


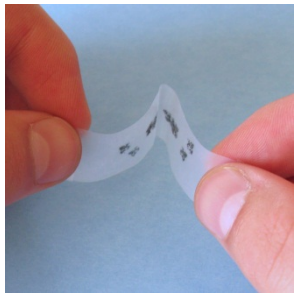


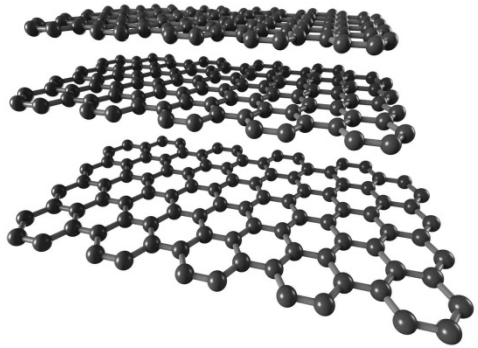
- Many other well-tested nano activities available from NISE Net with chemistry content.

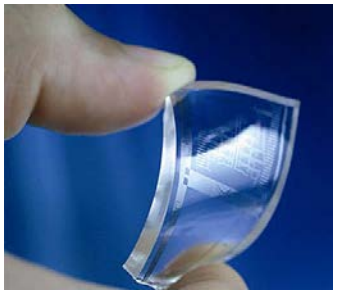
All resources at **nisenet.org/national-chemistry-week**

NISE Net and ACS

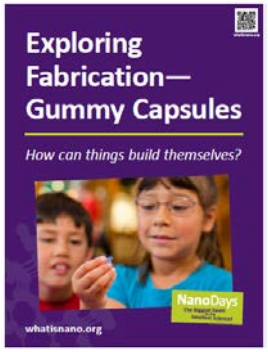


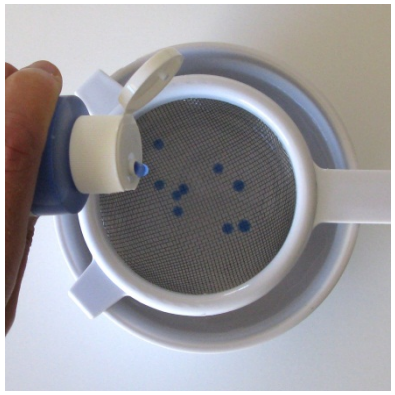


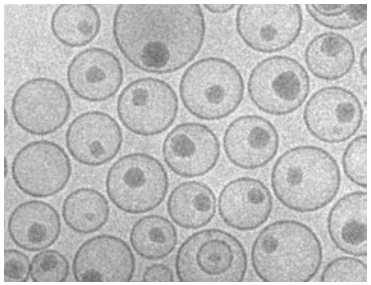




Making graphene with pencil lead shavings and tape.







Exploring self-assembly with sodium alginate.

All resources at **nisenet.org/national-chemistry-week**

NISE Net Catalog (nisenet.org/catalog)

NISE network
NANOSCALE INFORMAL SCIENCE EDUCATION

Search: Site People Catalog

HOME COMMUNITY CATALOG ABOUT WHAT IS NANO

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Explore by topic

- Art and nature (64)
- Bio and medicine (64)
- Energy and environment (41)
- Fundamentals (125)
- Information Technology (40)
- Materials, tools, and applications (134)
- Society, policy, and economics (46)

Catalog

This online catalog is a compilation of educational products designed for use in informal education settings to engage the public in nano science, engineering, and technology.

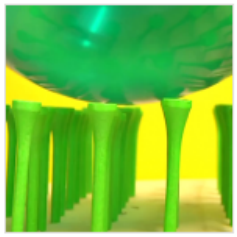
Support

Contact products@nisenet.org about items in the Catalog.

Activity

The catalog features a variety of educational programs and activities, media, exhibits, evaluation reports, and tools and guides for professional educators.

Latest | Featured | Most Popular



Keyword search

Browse by

Audience

- All ages (93)
- 7 and up (37)
- 11 and up (38)
- 15 and up (15)
- 19 and up (3)

Nano topics

- Art and nature (64)
- Bio and medicine (64)
- Energy and environment (41)
- Fundamentals (125)