

Welcome to Your NanoDays 2011 Kit!

Please Read Me First

Dear NISE Network Partner,

We're so glad you are joining with more than 200 institutions nationwide to host a NanoDays 2011 event! NanoDays will be held March 26 - April 3, 2011 . . . but we encourage you to use the NanoDays kit materials and NISE Network educational materials throughout the year.

Physical kit contents

Attached, you'll find a list of the items contained in your physical NanoDays kit. This year, we're excited to include many new hands-on activities and some fantastic new promotional materials and photos. We're also including updated signs and instructions for all the past NanoDays activities, so you can continue to use your old materials with these updated signs and instructions. We encourage you to open and look through all the activities to familiarize yourself (and your staff, volunteers, and collaborators) with the kit contents to help plan your event.

Planning your event

In the "Open Me First" packet of your kit, there is a revised planning guide to help you get started planning a successful NanoDays event. If you need help connecting with nano scientists or informal science educators in your area, please contact your regional hub leader for assistance (www.nisenet.org/community).

Look for additional materials online

We strongly encourage you to take a look at the other materials available in the online catalog at www.nisenet.org. Electronic copies of NanoDays activities are also available online; consider downloading these individually or as a digital kit for your volunteers or collaborators. On the website, you can also find additional resources that we weren't able to include in your physical kit, such as promotional materials for NanoDays (including video footage), select training videos for catalog activities, and new educator tools and guides. We will have NanoDays 2011 materials translated into Spanish and available on the website by March 1st.

Your help with reporting and evaluation

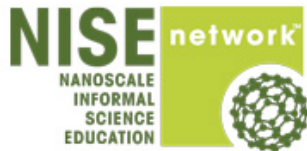
Each year, the NISE Network evaluation team studies NanoDays to define the reach of the event and determine the impact NanoDays has on the public. Each institution that receives a physical kit is required to fill out a simple report about your local event. Your regional hub leader will contact you with more details about reporting. Additionally, our evaluation staff may contact you in the future to get feedback about NISE Network educational products, and about the reach of NanoDays and other activities. Through your cooperation with reporting, we estimate that nearly 480,000 people participated in NanoDays activities nationwide in 2010! We also used feedback from participating institutions to help shape this year's kit contents.

On behalf of the NISE Network we thank you again for your efforts to engage the public in nanoscience, engineering, and technology!

Catherine McCarthy
Science Museum of Minnesota, MN

Rae Ostman
Sciencenter, Ithaca, NY

Vrylena Olney
Museum of Science, MA



NanoDays 2011 Kit Contents

Hands-on activities (complete with instructions, graphics and supplies for 100 visitors)

- Exploring Forces: Static Electricity **NEW!**
- Exploring Materials: Thin Films **NEW!**
- Exploring Products: Nano Sand **NEW!**
- Exploring Products: Sunblock **NEW!**
- Exploring Size: Powers of Ten Game **NEW!**
- Exploring Size: Memory Game **NEW!**
- Exploring Tools: Mitten Challenge **NEW!**
- Exploring Products: Nano Fabric (*formerly Exploring Materials: Nano Fabric*) **revised**
- Exploring Size: Measure Yourself (*formerly Exploring Measurement: Human Body*) **revised**
- Exploring Size: Scented Balloons (*formerly Exploring Measurement: Molecules*) **revised**
- Exploring Tools: Special Microscopes (*formerly Exploring Tools: SPMs*) **revised**

Hands-on activities (updated signs and instructions only; supplies included in prior years' kits)

- Exploring Fabrication: Self-Assembly
- Exploring Forces: Gravity
- Exploring Materials: Ferrofluid
- Exploring Materials: Liquid Crystal
- Exploring Measurement: Tiny Ruler
- Exploring Properties: Surface Area
- Exploring Size: Scented Solutions (*formerly Exploring Solutions*)
- Exploring Size: StretchAbility (*formerly Exploring Measurement: StretchAbility*)
- Exploring Structures: Buckyballs

Additional materials for engaging the public in nano

- Nano and society posters, reference sheets, and guide **NEW!**
- "I'm Made of Atoms" temporary tattoos
- "I ♥ Nano" temporary tattoos **NEW!**
- *Alice in Nanoland* book, suitable for reading area, story-times, or to augment a program **NEW!**
- *Bringing Nano to the Public: A Collaboration Opportunity for Researchers and Museums* booklet
- *How Small is Nano* book, suitable for reading area, story-times, or to augment a program
- *Nanotechnology: What's the Big Deal?* video on DVD (in English and Spanish)

Digital kit on DVD

- Digital copies of all the hands-on activities
- *Zoom into a Computer Chip* poster
- *Zoom into a Butterfly Wing* poster
- *Zoom into the Human Bloodstream* poster
- *Combined Zooms: Everything is Made of Atoms* poster
- *Scale Ladder* poster

Planning and promotional materials

- Welcome letter and list of kit contents **NEW!**
- *NanoDays Planning Guide* (including new marketing materials) **revised**
- Large promotional banner **NEW!**
- *Science Café Guide*
- NISE Network brochure (to share with your staff and/or collaborators)

Marketing and Promotional Materials DVD

- Sample press release **revised**
- Publicity photos **NEW!**
- Sample promotional ads and materials using new photos **NEW!**
- Additional promotional materials: logos, clip art, and ready-to-print materials **NEW!**



More Resources Available Online

- **NISE Network online Catalog** of educational resources for professionals (www.nisenet.org/catalog)

- Programs and activities: <http://www.nisenet.org/catalog/programs>
- Training materials: http://www.nisenet.org/catalog/tools-guides/training_materials
- Intro to nano for educators: <http://www.nisenet.org/catalog/tools-guides/intro-to-nano>
- Tools and guides: http://www.nisenet.org/category/catalog/tools_guides
- Spanish translations of NanoDays and other products: <http://www.nisenet.org/catalog/spanish>
- NISE Network content map: http://www.nisenet.org/catalog/tools_guides/content_map
- Partnering with researchers: http://www.nisenet.org/catalog/tools_guides/small_steps_big_impact
- Adult programs: <http://www.nisenet.org/catalog/forums>
- Resources for K-12 teachers: <http://www.nisenet.org/community/k-12-teachers>
- Promotional materials: http://www.nisenet.org/catalog/tools-guides/promotional_materials
- Media (videos, images, print materials, podcasts): <http://www.nisenet.org/catalog/media>
- Vendors for additional NanoDays supplies:
http://www.nisenet.org/catalog/programs/vendor_info_nanodays_physical_resources
- Frequently Asked Questions about the online catalog: <http://www.nisenet.org/faq>

- **NISE Network public portal** (www.whatisnano.org)

The NISE Network portal of materials for public audiences is a great place to send your visitors for more information about nano they can explore after attending your event!

<http://www.whatisnano.org>

- **Power of Small**

This television series and online forum explores the ethical issues surrounding the applications of nanotechnology.

<http://www.powerofsmall.org>

- **DragonflyTV Nano**

This kid-friendly site includes online television episodes, interviews with nano scientists, online games, and activities to try at home.

<http://pbskids.org/dragonflytv/nano>