NANO 101
How to Introduce the Smallest Science

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90 full time · 120 part time · 200 volunteers
annual operating budget – $15 million
average annual attendance – 500,000
presenters will gain an understanding of NISE Net’s key concepts

presenters will be prepared to facilitate personal connections between nano and diverse guests
nano is small and different

nano is studying and making tiny things

nano is new technologies

nano is part of our society and future
Exploring Forces – Gravity (big cup, little cup)

Exploring Properties – Surface Area (Alka-Seltzer)

counting surfaces of blocks activity

similar to Surface Area – Cart Demo

Exploring Materials – Nano Gold
Exploring Materials – Thin Films (nail polish)
  with iridescent insect extension

Exploring Products – Nano Fabrics
  with kale leaf extension

Exploring Fabrication – Self Assembly (full body game)
Exploring Products – Sunblock

with UV bead & UV light extension

free exploration of:

technology cards from **Nano Around the World**

http://www.nanosupermarket.org/products

http://www.nanotechproject.org/cpi/browse/
Exploring Nano & Society – Invisibility Cloak

Exploring Nano & Society – You Decide!
with supplemental cards from
Nano Around the World card game
How knowledgeable do you feel about...

- nanoscale science and engineering?
- how nanoscale things behave differently?
- how nano relates to our daily lives?

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<tr>
<th></th>
<th>pre-training</th>
<th>post-training</th>
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<tbody>
<tr>
<td>not at all</td>
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<td></td>
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<tr>
<td>very</td>
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QUESTIONS?

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