



nano

With the Nano mini-exhibition, Port Discovery offers a variety of quality, hands-on enrichment add-on programming to enhance the learning opportunities of your guests. These programs are tailored to complement the content of the Museum on the Move Exhibition at your location.

ACTIVITY OPTIONS:

Table Activity

UV Bead Bracelets

Participants learn how UV beads change color as a result of a nanoscale shift in the shape of the dye molecules in the beads. Participants will create their own bracelet with beads that containing photochromic dye.

Smelly Balloons

Even though our eyes can't see molecules, our noses can act as Nano-detectors. Participants work together match each smelly balloon and it to the scent.

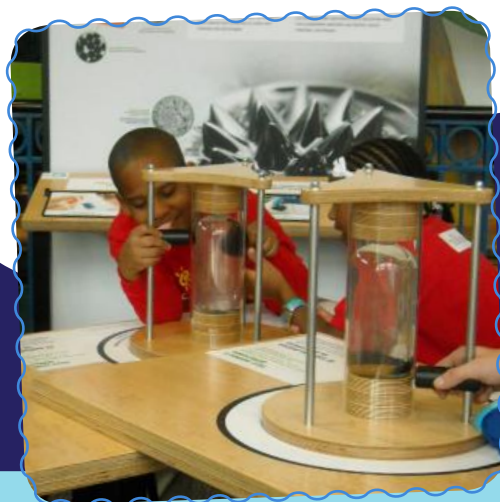
Stained Glass Art

When is gold not gold? At the nanoscale, gold particles can be orange, purple, green or red, depending on the size of the particle! Participants will learn about properties of stained glass and create their own colorful cellophane or tissue pane.

Iridescent Art

Create a colorful bookmark using a super thin layer of nail polish on water. Participants learn that a thin film creates iridescent, rainbow colors.

- These activity options are available at additional cost
- Complete list of programming available upon request
- Classroom Sessions are 1 hour each, table activities are 2 hours in length
- Classroom sessions are capped at 30 children and their accompanying adult
- Activity tables are available to all guests visiting the venue, in a free flow format
- Port Discovery staff facilitates the activity
- Port Discovery provides and brings all activity materials



Classroom Program Session

Nano 101

Introduces educators to NISE Net's four big ideas related to nanoscale science, engineering, and technology ("nano"). Related Nano Days activities can be used with the overview presentation to help prepare educators to engage the public in NISENet educational experiences.



For more information on programming options contact our *Community Outreach Coordinator*
410-864-2683 or by email at bhenschel@portdiscovery.org