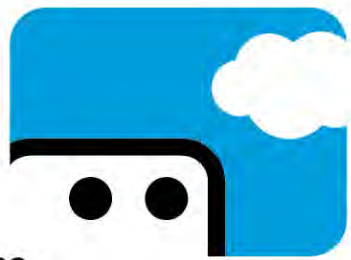


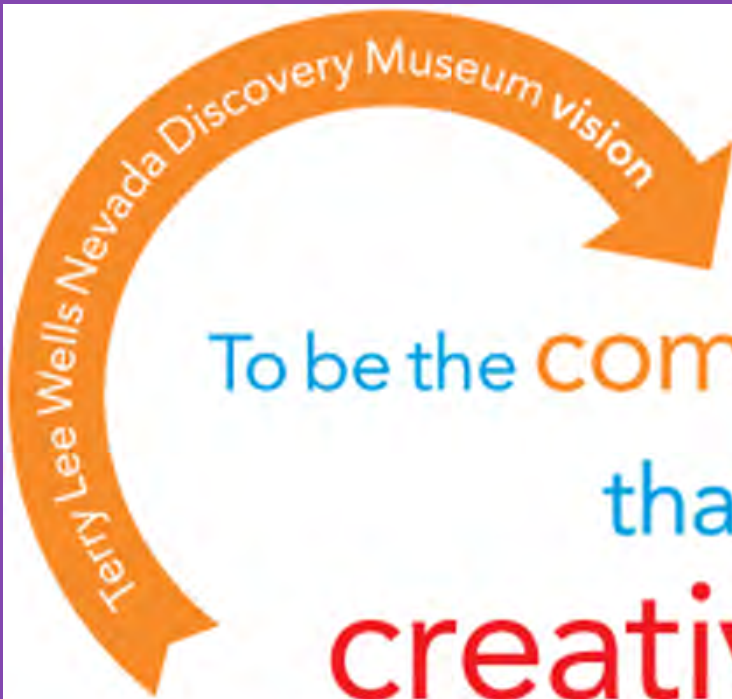
Exploring the Unseen World – Nano Camp Spring/Summer 2013







The
Discovery
Terry Lee Wells Nevada Discovery Museum



To be the community's center
that inspires curiosity,
creativity and the joy
of lifelong learning.



Camp Outline

Day	Monday	Tuesday	Wednesday	Thursday	Friday
THEME	Just how small IS nano?	Nano in nature	New in Nanotechnology	Special tools in nano	Nanotechnology leads to new knowledge and innovation

Day 1: Just how small IS nano?



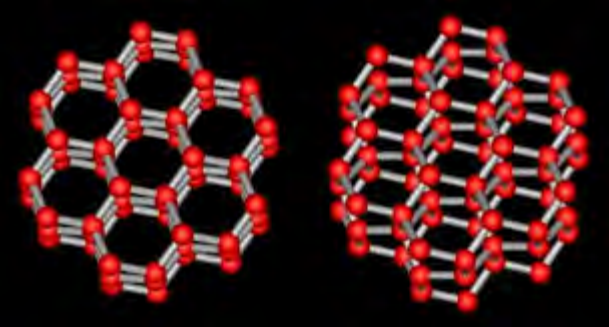
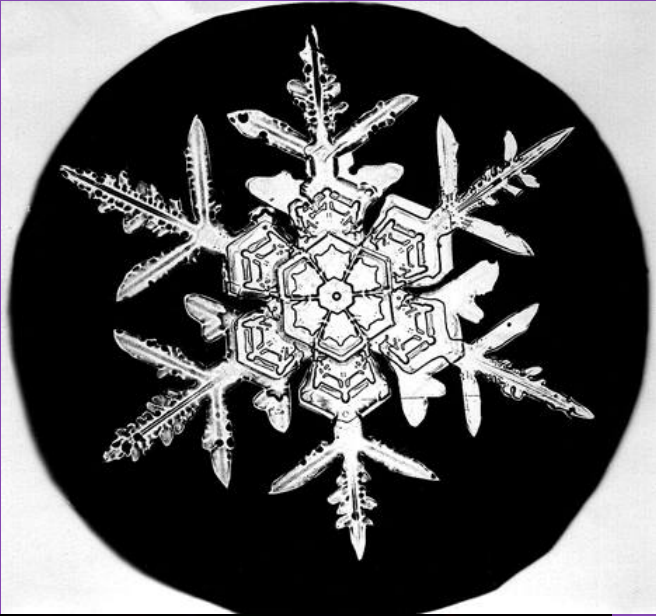
Nano Me!



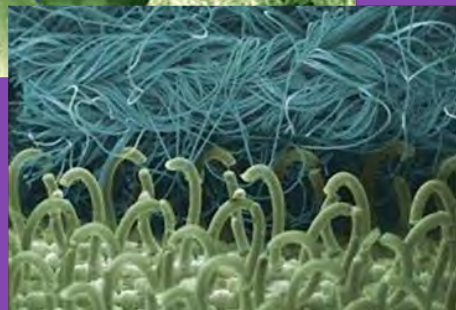
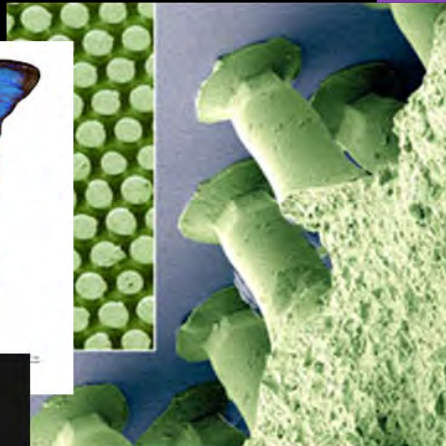
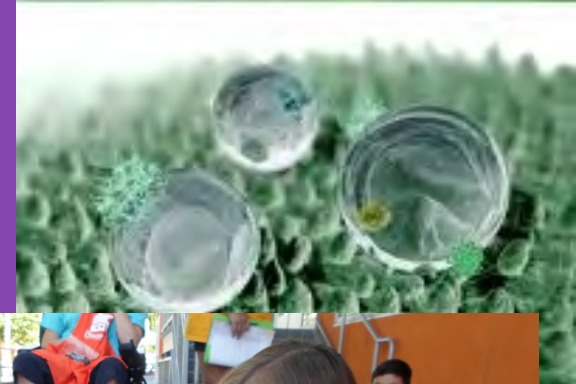
Nano Days Physical Kits



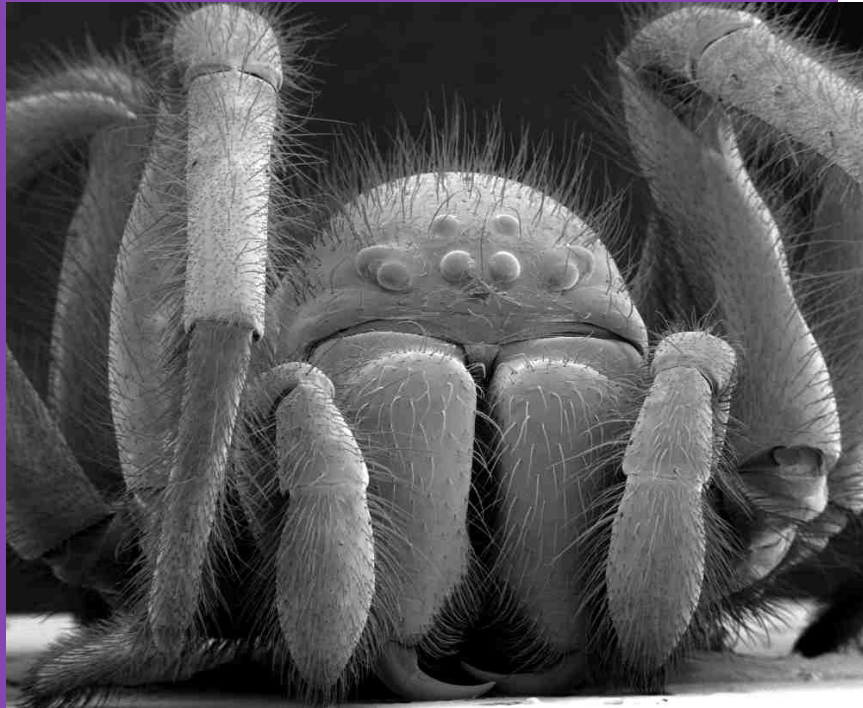
Day 2: Nano in nature



Biomimicary



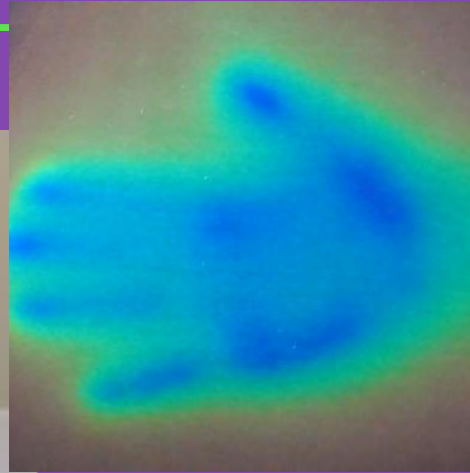




Day 3: New in Nanotechnology

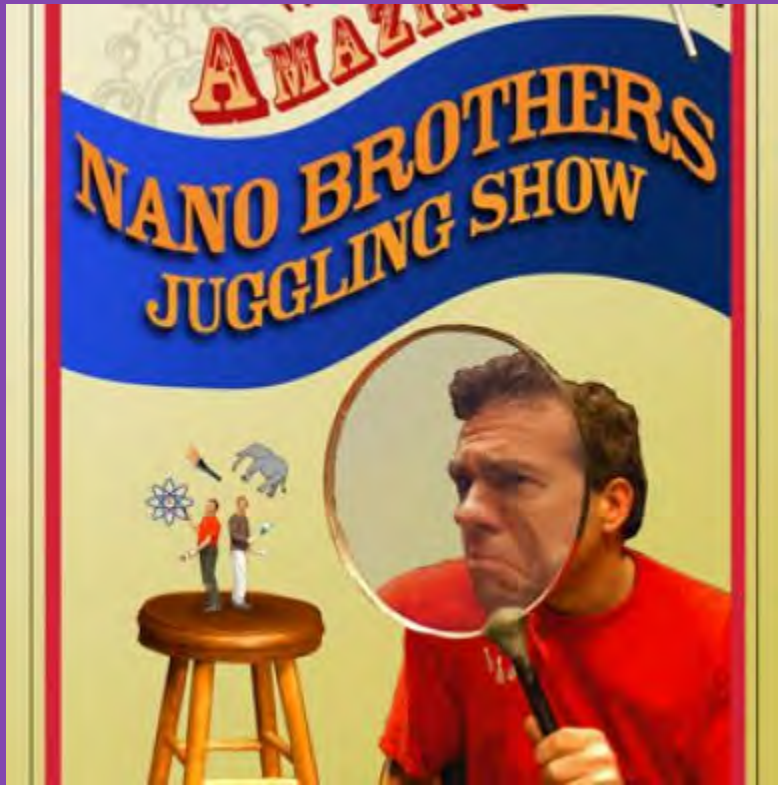


Nano brings new technology



Day 4: Special tools in nano

Day 4 - continued



Day 5: Nanotechnology leads to new knowledge and innovation



Nano learning celebration



References

- **Biomemacry pictures**
<http://conservationreport.wordpress.com/2008/12/29/biomimicry-solving-engineering-problems-and-inefficiency-by-observing-nature/>
- **Optial microscope picture**
<http://www.microscope-microscope.org/basic/buyers-guide.htm>
- **Electron scanning microscope**

Super Science Program



NISE Network Mini-Grant

Super Science Program

“Just because you can't see something doesn't mean it isn't there.”

Goals

- * Foster curiosity about the unseen world
- * Encourage critical thinking
- * Jump start an interest in science

Lesson Topics

- * Magnetism
- * Electricity
- * Microscopic Substances
- * Stereo gnosis

Energy Plasma



Lighting the bulb by making a circuit.



Ribbons of color follow the touch of a finger to the Plasma ball.

Energy Heat



Touch and See Square



Fortune Fish

Energy Sound



Energy Sound



Ear Guitar



Boom Whackers

Energy Wind



Airzooka



A child discovers another way to make the pinwheels turn!

Unseen Forces

Magnetism



Too Small to See Big Screen Microscope



Too Small To See Germs



Sprinkling the Glo
Germ powder



Using the UV
flashlight to
check for germs.

The Right Tools

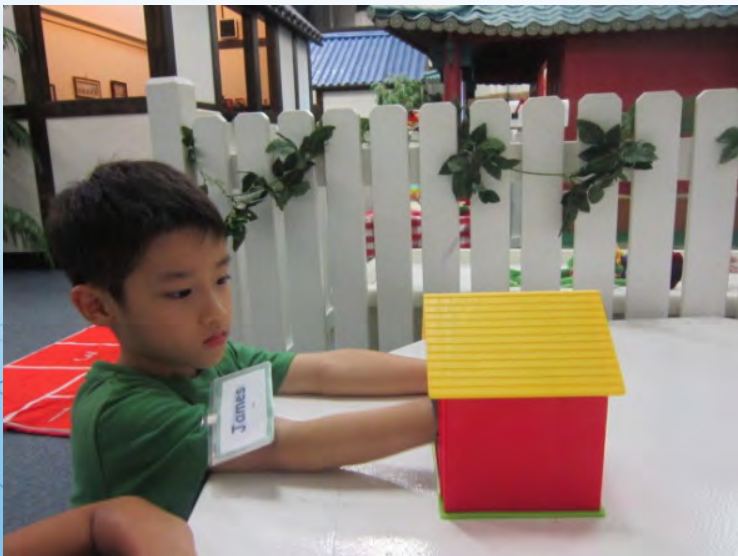


Avalanche Fruit Stand



Wearing mittens or gloves while trying to build with blocks can help children understand how important the “right” tools can be!

Ruff's Tactile House



Super Science Program

Just because you can't see something doesn't mean it isn't there!

