



nano

Nano is an interactive exhibition that engages student and family audiences in nanoscale science, engineering, and technology. Hands-on exhibits present the basics of nanoscience and engineering, introduce some real world applications, and explore the societal and ethical implications of this new technology.



I SPY NANO INTERACTIVE SIGNS

Where can you find nano? Try a series of interactive challenges, then search a complex image for examples of real nano products and phenomena. Learn about new technologies, applications for nanoscience, and nano careers.



STATIC VS. GRAVITY

Spin disks containing small and large plastic beads, comparing the relative effects of static electricity and gravity on different size beads.



SMALL, SMALLER, NANO

What happens when things get smaller? Explore progressively smaller magnetic materials – magnetite sand, iron powder and ferrofluid. How does this material behave at different sizes?



READING AREA

Sit comfortably while learning more about nano from books and reading boards, for all ages.



GIANT CARBON NANOTUBE

What's new about nano? Students will work together to build a giant model of a carbon nanotube. How tall can you build it?



NANO DISCOVERY BENCH

Explore nanoscience through hands-on activities and demonstrations, provided by the spectrUM educators. Explore thin films, DNA, butterfly wings, and other amazing nano wonders.



BALANCE OUR NANO FUTURE

What does nano mean for us? Balance blocks on a tippy table, which represents the challenge of working together to build a stable nano future.