

How fast can YOU run

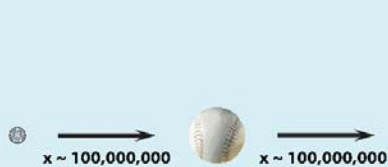
100 BILLION NANOMETERS???



Upload a picture or video of yourself running #100BillionNanometers for National Nanotechnology Day.

(There are 1 billion nanometers [1,000,000,000 nm] in 1 meter, so 100 billion nanometers = 100 meters)

#NationalNanoDay is October 9th!



If a sphere 1 nm across were as big as a softball, a softball would be as big as the Earth!

What's the big deal about something so small?

Cool things happen at the nanoscale resulting in new materials and devices with amazing properties that are already changing our way of life.

Nanotechnology is already in:

- Phones that are really pocket-sized super computers
- Odor-resistant fabrics so our running and workout clothes don't stink
- Displays for our tablets and flat screen TVs with more vibrant pictures

Nanotechnology will soon be in:

- Metamaterials that can be turned into invisibility cloaks
- Better drugs to treat infectious diseases and cancer
- Gecko-inspired gloves so that you can literally climb walls

Want to learn more? Go to Nano.gov

