

# Nanotechnology Education Resources

10<sup>-9</sup> meters



**Nanoscale** -- Too small to see !



## National Nanotechnology Coordinated Infrastructure



**National Cancer Institute** Provides resource information on nanotechnology in cancer treatment. <http://nano.cancer.gov/learn/understanding>

**National Nanotechnology Coordinated Infrastructure**  
A searchable database of over 75 lessons written by teachers for teachers. Includes reference sheets of information essential for students in basic science classes as well as other. *resources*. <http://nnci.net>

**National Nanotechnology Initiative** NNI is the overarching program encompassing all U.S. government nanotechnology activities. This site has a NanoHub link to a searchable data base of educational materials which provides information for K-12 students and teachers. There is also the Teaching Nano and Emerging Technologies Network for teachers as well as the U.S. Nano and Emerging Technologies Student Network. <http://www.nano.gov>

**NBC Learn Nanotechnology Super Small Science**  
Six videos on nanoscale science developed in collaboration with the National Science Foundation. <https://www.nbclearn.com/nanotechnology>

**NiseNet** Nanoscale Informal Science Network—Interesting articles, images and a catalog of activities. <http://www.nisenet.org>

**Nova Making Stuff and Making More Stuff Series**  
Hour-long video series on how nanotechnology is making stuff stronger, smaller, cleaner, and smarter. <http://www.pbs.org/wgbh/nova/tech/making-stuff.html>;  
<http://www.pbs.org/wgbh/nova/tech/making-more-stuff.html>

**Ohio State University Center for Affordable Nanoengineering of Polymeric Biomedical Devices**  
Lessons provided for high school science teachers. <http://nsec.osu.edu/educationoutreach>

**PBS Learning Media** Has 60 nanotechnology-related items in its resources. <http://www.pbslearningmedia.org/search/?q=nanotechnology>

**Pennsylvania State University's Center for Nanoscale Science** Nano activities for kids. <https://www.mrsec.psu.edu/content/nano-activities-kids-0>

**Project on Emerging Nanotechnology at Woodrow Wilson International Center:** This site contains many resources related to society and the safe development of nanotechnology. The site also has a list of currently available consumer products. <http://www.nanotechproject.org/>

**Scale of the Universe** Interactive size and scale. <http://htwins.net/scale2>

**ScienceCentral, Inc.** Information and videos on current research, including nanotechnology. <http://www.sciencentral.com>

**South African Agency for Science and Technology Advancement** Public engagement programs in nanotechnology and biotechnology which includes cartoon posters, lessons, and articles. <http://www.npep.co.za>

**Try Engineering** Lesson plans including ones on nanotechnology. <http://www.tryengineering.org>

**Try Nano** Resources, lessons, general information. <http://www.trynano.org/>

**University of Illinois at Urbana-Champaign: CEMMS**  
Online labs that include nano-silver, gold and investigating chocolate. <http://nano-cemms.illinois.edu/education>

**Vega Science Trust** Videos on basics of nanotechnology & how it will change the world. A project lead by Nobel Prize Winner Sir Harry Kroto. <http://www.vega.org.uk/video/programme/3>,  
<http://www.vega.org.uk>

**Wonderville.CA** Variety of resources including games, videos, careers from Alberta Canada. <http://www.wonderville.org/search/nanotechnology>

**Brought to you by NNCI: <http://www.nnci.net>**

