

Nanotechnology Products – Career Activity

Activity Goals

For this activity, you will research career and/or educational opportunities in nanotechnology. The goal is to gather information that you will present to the class on what are the career opportunities in a particular field or what are the career paths to enter nanotechnology.

Directions:

1. Choose an area of nanotechnology that interests you. These can include:
 - Electronics/Semiconductors Industry
 - Biotechnology and medical fields
 - Pharmaceutical Industry
 - Optoelectronics
 - Environment and Water purification
 - Food and Agricultural Industry
 - University Research and Teaching
 - Health and Safety
2. **Option 1** - Using the Internet, determine what type of career opportunities are available in the field. Questions you might want to explore include: What type of jobs? What is the typical pay level(s)? What type of place would you work in? What type of training do you need? Are there such jobs in your state?
3. **Option 2** - Using the Internet, explore education programs in nanotechnology. Questions you might want to explore include: What types of degrees are available? Do you need a nano-type degree to work in nanotechnology? What has been the education background of nano-researchers or nano-workers?
4. Prepare a PowerPoint presentation on your chosen topic for presentation to the class. The presentation should be a minimum of 5 slides. Include any handouts or web links that you think will be useful to your classmates. Make your presentation to your class.

Resource links:

<http://www.nano.gov>

<http://nano.cancer.gov>

<http://www.smalltimes.com>

<http://tinytechjobs.com>

<http://www.workingin-nanotechnology.com>

<http://www.nnin.org>

<http://www.cneu.psu.edu>

<http://www.nanoexchange.com>