

Nanotechnology Lesson 1: Introduction to Scale

Essential Question: What is nanotechnology and at what size is the technology applicable?

Unpacking the Standards:

What is a “nanometer”?

What is nanotechnology?

How can we observe nanotechnology?

How big is an atom?

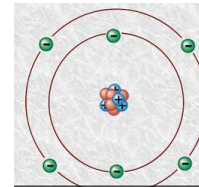
Name _____ Date _____ Period _____

Put the following things in order from smallest to largest



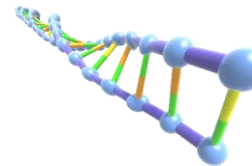
Human Blood Cell

Ranking in Size



A Carbon Atom

Ranking in Size



DNA

Ranking in Size

Nanometer- one billionth of a meter.

Nanometer

Ranking in Size

What are carbon nanotubes and why are they useful?
