**Atoms Webquest**

Read the section titled “Atoms All Around Us” at this website and answer the corresponding questions. <http://www.chem4kids.com/files/atom_intro.html>

1. What is an atom?
2. How many atoms are humans made up of?
3. What are the three basic parts of an atom?

Watch the first 6 minutes and 40 seconds of the Bill Nye the Science Guy video on atoms. Answer the questions below as you do so.

(<http://www.youtube.com/watch?v=mptw0dF-3GM>)

1. If we break matter apart, what is everything made of?
2. What does Bill Nye do to show you how small an atom is?
3. What does the Greek word, “atom” mean?
4. Can we see atoms with the naked eye?
5. Can we see atoms with a regular microscope?
6. What is in the middle of an atom?
7. What is the charge of a proton and a neutron?
8. What is buzzing around the outside of an atom?
9. What is the flow of electrons from one atom to another called?
10. How far away from the nucleus are electrons on the super-large scale model?
11. An atom is mostly what?