**Energy and Atoms**

Use the “internet” (<http://science.sbcc.edu/physics/flash/siliconsolarcell/bohratom.swf>) to find information on the Bohr model of the atom. In the Bohr model of the atom, where are the protons, neutrons, and electrons of the atom found?? Draw a picture of what an atom looks like (where electrons, protons, and neutrons are located) according to the Bohr model.

What keeps electrons from leaving an atom?

In the Bohr model of the atom, what is an “orbit”?

How does an orbit that is close to the nucleus differ from an orbit that is farther from the nucleus?

What do you think a “photon” is? Photons play an important role in the behavior of all atoms. What is this important role???

What happens when an electron in an atom releases energy, so that the electron moves from a “higher” energy level to a “lower” energy level?