**Light box / Spectroscope Activity.**

Using a spectroscope look at the three different light boxes which each contain a single element (g) as well as the fluorescent lights and the natural light out the window.

* In your notebook note your observations.
* What do you see through the spectroscope that is the same and/or different between the different light sources?
* Considering what you know about the structure of the atom (how and why electrons are arraigned) and what you just learned about light. Come up with an explanation for what you are seeing through the spectroscopes when you look at the light boxes. (Remember, being wrong is ok. Not thinking about it and giving it a shot is not ok.)