**Lewis Dot / Geometric Research**

1. **What are valence electrons?**
2. **If you are looking at a P. Table how could you figure out the valence electrons in Cl?**
3. **What are Lewis dot structure?**
4. **What are Lewis Dot structures for?**
5. **Draw the Lewis Dot structure for Carbon Dioxide, Hydrogen Peroxide and Propane.**
6. **What are 3 common geometric shapes of molecules?**
7. **What is a dipole moment?**
8. **What does the G. shape of a molecule have to do with a dipole moment?**
9. **Find a lab that investigates compounds formed by halogens and write down a data table and a conclusion.**