**Unit #2 Test**

* **Transfer into and out of Scientific Notation**
* **Sig Figs: Determine how many are in a number and use them in calculations, as well as measuring to the correct number of sig fig and know why we have them**
* **Know the formula for calculating Heat energy in a system ( Q = C\*m\*T) and be able to convert the formula and use it to solve word problems**
* **Lab be able to use Lab data to preform calculations including Specific Heat, and Percent Error**
* **Be able to determine the type of bonding in a compound from the components that make up the of the compound**
* **Be able to provide the name or formula of a covalently bonded compound.**
* **Be able to provide the name or formula of a binary ionic compound with monovalent and polyvalent metals.**
* **Be able to provide the name or formula of ionic compounds containing polyatomic ions combined with monovalent and polyvalent metals.**