**Chemistry Study Guide**

Please know the following items:

* Atom Structure
* Periodic Table
  + Trends
  + How to read
* Chemical Bonds
  + Dating Game
  + Notes – metallic, covalent, ionic
* Electrolysis lab
  + How to test for chemical properties
  + Anode vs cathode
  + What is it?
* Balancing Equations
* Atom vs element
* Chemical vs. physical reactions
* Study Bell work
* Study Chemistry Quiz

1. What are the three parts to an atom?
2. What is/how do you find the atomic number?
3. What is the atomic mass? How do you find it?
4. What is a group on the periodic table? What is a period?
5. How do you test for chemical properties?
6. What are signs of a chemical reaction?
7. What is an anode? Cathode?
8. What are the three types of bonds? Explain.
9. Balance this equation: H­2 + O2  = H2O
10. Find the missing mass:

Na2SO4 + CaCl2 = CaSO4 + 2NaCl

24g + 54g = **?g** + 39g