Study Guide – Chemistry Test

Chemistry Test – Tuesday, November 6, 2018

\*\*\*You have access to a periodic table, flowchart and a **one-page cheat sheet.** Create your cheat sheet based on the following study guide points.

* + Predict Observe Explain demonstration
  + WHMIS symbols
  + General lab safety
  + Matter - pure substances vs mixtures
  + Chemical vs. physical changes
  + Kinetic molecular theory
  + States of matter and changes of states
  + Atomic theory – Dalton, Thompson, Rutherford and Bohr
  + Subatomic particles – symbols, locations, relative sizes, charges
  + Periodic table – organization, periods vs. families/ groups, interpreting information, trends
  + Elements and the origins of their symbols
  + Metals vs non-metals vs metalloids
  + Ion formation – why and how
  + Bohr model diagrams (atoms and ions)
  + Covalent vs ionic compounds – characteristics, properties
  + Writing chemical names of binary ionic compounds
  + Writing chemical formulas of binary ionic compounds
  + Writing chemical names of covalent compounds
  + Writing chemical formulas of covalent compounds
  + Multivalent metals
  + Polyatomic ions