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