**Regents Chemistry Atomic Concepts Quiz**

**Topic List**

Things to Know:

* History of the Atom Know their theories/models of the atom, and any important discoveries
	+ Dalton
	+ Thomson\*
	+ Rutherford\*
	+ Bohr

\* = know the experiments these scientists conducted, the evidence collected, and the conclusions made about the atom as a result

 -Cathode Ray Tube Experiment

 -Gold Foil Experiment

* Identify charge, mass, and location of protons, neutrons, and electrons
* Define and calculate atomic #
* Define and calculate mass #
* Identify which subatomic particles are considered to be nucleons
* Determine the nuclear charge of an atom
* Definition of isotopes
* How to read and write isotopic notations
* How to calculate the average atomic mass of isotopes