

Chemistry Goal Requirements

History Project – Design a project to show knowledge gained in some aspect of the history of chemistry.

Career Project – Design a project to show knowledge gained about careers using chemistry.

Lab – Attend Chemistry Lab seminar.

Core Content – Complete approved independent projects or IClasses for the following topics:

Structure of Atoms: parts of the atom and electrical stability, particles and forces within the atom, changes in the nucleus

Structure of Matter: the periodic table, structural and physical properties, structure and chemical properties

Chemical Reactions: types of chemical reactions, energy in chemical reactions, the transfer of electrons, balancing chemical reactions, rates of chemical reactions