

* Lesson plan # 3

Start: week of 10/20/08

Assess: TBA.

* Text book: Chapter 3.

Atoms: The Building Blocks of Matter.

An atom is the smallest particle of an element that retains the chemical properties of that element.

* Learning goals:

1. Explain the law of Conservation of mass, the law of definite proportions, the law of multiple proportions.
2. Summarize the five essential points of Dalton's atomic theory.
3. The structure of Atom; List properties of protons, neutrons and electrons.
 - Define atom.
4. Counting atoms; explain isotopes, define atomic number, mass number and describe how they relate to isotopes.
 - Given the identity of nuclide, determine the number of protons, neutrons and electrons

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