

Terms to Know

Chapter 1.1

Chemistry
Matter

Chapter 1.2

Observation
Data
Hypothesis
Atom
Molecule
Conclusion
Scientific Law
Theory
Empirical Facts
Theoretical Model
Scientific Method

Chapter 1.3

Physical Property
Chemical Reaction
Chemical Change
Intensive Property
Physical Change
Chemical Property
Extensive Property

Chapter 1.4

Decomposition
Element
Compound
Pure Substance
Mixture
Homogeneous
Heterogeneous
Chemical Symbol
Solution
Phase

Chapter 1.5

Law of Conservation of Mass
Law of Multiple Proportions
Law of Definite Proportions
Isotope
Gram (g)
Atomic Mass
Atomic Mass Unit (amu, u)
Atomic Weight

Chapter 1.6

Nucleus

Proton
Neutron
Atomic Number
Mass Number

Chapter 1.7

Group
Period
Periodic Table
Alkali Metals
Alkaline Earth Metals
Inner Transition elements
Lanthanide Elements
Actinide Elements
Noble Gasses (Inert Gasses)
Halogens
Nonmetals
Metalloid
Semiconductor
Transition Elements
Metal
Malleability
Ductility