Unit One: Matter and Change

Learning Targets:	Textbook Section:
1.1) Observe proper safety regulations in the laboratory.	Flinn Safety Contract
1.2) Explain why all samples of a substance have the same intensive properties.	2.1
1.3) Identify the three states of matter	2.1
1.4) Classify physical changes.	2.1
1.5) Explain how mixtures are classified.	2.2
1.6) Explain how mixtures can be separated.	2.2
1.7) Explain the difference between an element and a compound.	2.3
1.8) Distinguish between a substance and a mixture.	2.3
1.9) Describe what chemists use to represent elements and compounds.	2.3
1.10) Explain how a periodic table is useful.	2.3
1.11) Describe what happens during a chemical reaction.	2.4
1.12) Identify four possible clues that a chemical change has taken place.	2.4
1.13) Describe how the mass of the reactants and the mass of the products of a chemical reaction are related.	2.4

Suggested Reading:

Chapter 2: Pages 32-59 (*It is suggested that you answer the "Lesson Check" questions at the end of each section)*

End of Chapter Questions:

39, 45, 47, 48, 50, 54, 57, 59, 60, 61, 62, 67, 68, 72, 73, 75, 76, 77, 78, 79, 80, 81, 83, 84, 85, 86, 89, 94, 95