

## Chapter 8 Study Guide

### Vocabulary Terms:

- Chemical Equation
- Precipitate
- Coefficient
- Word Equation
- Formula Equation
- Reversible Reaction
- Synthesis Reaction
- Decomposition Reaction
- Single-displacement Reaction
- Double-displacement Reaction
- Combustion
- Electrolysis
- Activity Series
- Reactant
- Product

### Concepts:

- Balancing equations
- Identifying types of reactions
- Identifying symbols within a chemical equation
- Convert between word and formula equations
- Utilize an activity series to predict reactions
- Understand common reactions of elements/compounds with Oxygen