

## Chapter One Outline Chemistry—The Science of Chemistry

Write a page of notes for each section in the chapter. These will be collected for a grade at the end of the chapter. Notes are graded on organization, completeness, and accuracy. Each section should have these headings:

1. **Title** and **section** number
2. **Ideas:** What is the main idea in the section?
3. **Proof:** What proof or evidence is given for this idea? Do you believe it?
4. **Uses:** How is the idea useful to anyone?
5. **Questions:** What remains unclear to you about this section?

Unit	Date	Objectives	Assessment
1		Describe properties of acids and bases Describe subfields of chemistry Classify compounds as organic and inorganic	2,3,4,6
2		Describe the scientific method Explain what a control is. Describe a model in chemistry. Distinguish among hypothesis, theory and law.	8,11,13,14,15,18
3		List characteristics of a system at equilibrium Describe the 5 themes in this course.	20,21
Lab		Bunsen Burner and Glass Manipulations	Lab quiz
Lab		Properties of Iron	Lab quiz
Review		Questions and Answers	Quiz