

General, Organic, and Biochemistry | Table of Contents

Chapter 1: Introduction to Chemistry

1.1 Chemistry and Its Applications

- Distinguish between chemistry and other scientific disciplines
- Identify common examples and applications of chemistry in everyday life

1.2 The Scientific Method

- Classify steps in the scientific method

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2.1 The SI System

- Recognize base units and abbreviations in the SI system
- Define the prefixes used in the SI system

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- Identify the SI units for length, volume, and mass
- Identify the SI units for time and temperature

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 - Define the laws of conservation of matter and energy
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3.4 Energy in Nutrition

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- Interpret the elemental data on the periodic table

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- Perform calculations to demonstrate the relationship between temperature and pressure

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