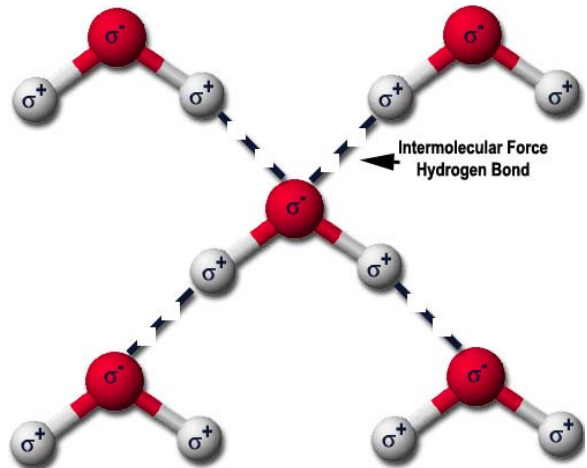


# Chapter 13 Study Guide

## States of Matter



### Chemistry I

#### B. White

#### Chapter 13 Objectives

- You will use the kinetic-molecular theory to explain the physical properties of gases, liquids, and solids.
- You will compare types of intermolecular forces.
- You will explain how kinetic energy and IMFs combine to determine the state of a substance.
- You will describe the role of energy in phase changes.

#### Activities

- \_\_\_ Inquiry Labs on States of Matter
- \_\_\_ Teacher presentation of Chapter 13 concepts
- \_\_\_ Group work on chapter concepts
- \_\_\_ Optional student review and self-assessment from the web site [www.chemistrymc.com](http://www.chemistrymc.com)  
Username: cmc2005  
Password: t8chefec

#### Assignments

- \_\_\_ Complete Inquiry Labs by answering the questions and answering "What's the Point?" for each lab station.
- \_\_\_ Answer questions on handout to learn concepts.

*Homework must be turned in on 8 1/2 x 11 inch unlined paper. Homework must be completed and checked before the day of the chapter test, and it is the responsibility of the student to make sure that the homework is complete and corrected.*