

Chemistry

Standard #8- Name and know the structure of monatomic and polyatomic ions.

Chapter 8: Covalent bonding

- Molecular Compounds
- Nature of Covalent bonding
- Bonding Theory
- Polar Bonds

Journal Work

- Define the **vocabulary terms** from the chapter in your journal.
- Read each section and answer the **Section Assessment** and **Chapter Assessment** questions in the chapter (#1-101) odds in your journal. Self-check answers with key in the back of book.
- Answer the following questions in hand-written **paragraph** format in journal
 - How are the melting and boiling points of molecular compounds different from ionic compounds and why?
 - Describe how photochemical smog is produced.
 - Explain why non-polar gases like carbon dioxide and propane liquefy when they are compressed.
- Read and Summarize a current article related to one of the major topics found in the chapter. Attach a copy of the article to your written summary in your journal.

Assessment	Teacher Initials	Score	Date
1. Show completed journal . <ul style="list-style-type: none"> ○ Vocabulary ○ Questions ○ Paragraphs ○ Article Summary 			
2. Take and pass the exam .			
3. After passing the exam, do the lab work Lab 8: Bio Plastics (handout)			

You have completed Standard #8

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