

CHAPTER OVERVIEW

9: Chemical Bonding and Molecular Energy Levels

Topic hierarchy

Section 1: Foundation

Section 2: Goals

Section 3: Observation 1: Bonding with a Single Electron

Section 4: Observation 2: Bonding and Non-Bonding in Diatomic Molecules

Section 5: Observation 3: Ionization energies of diatomic molecule

Section 6: Review and Discussion Questions

9: Chemical Bonding and Molecular Energy Levels is shared under a [CC BY-NC-SA 4.0](https://creativecommons.org/licenses/by-nc-sa/4.0/) license and was authored, remixed, and/or curated by LibreTexts.