

CHAPTER OVERVIEW

10: Chemical Bonding

How do atoms make compounds? Typically they join together in such a way that they lose their identities as elements and adopt a new identity as a compound. These joins are called *chemical bonds*. But how do atoms join together? Ultimately, it all comes down to electrons. Before we discuss how electrons interact, we need to introduce a tool to simply illustrate electrons in an atom.

- [10.1: Bonding Models and AIDs Drugs](#)
- [10.2: Representing Valence Electrons with Dots](#)
- [10.3: Lewis Structures of Ionic Compounds- Electrons Transferred](#)
- [10.4: Covalent Lewis Structures- Electrons Shared](#)
- [10.5: Writing Lewis Structures for Covalent Compounds](#)
- [10.6: Resonance - Equivalent Lewis Structures for the Same Molecule](#)
- [10.7: Predicting the Shapes of Molecules](#)
- [10.8: Electronegativity and Polarity - Why Oil and Water Do not Mix](#)

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