

# Chemistry Unit Schedule: Weeks 7-10

Unit	Chapter(s)	Essential Questions:
Quantum Theory and the Periodic Table	4, 5	--How are electrons arranged in atoms? --What trends exist among elements?
Chemical Bonding	6	-What is the difference between ionic and covalent compounds? --How do both types form? --How do metals bond? --How do bonds affect molecular geometry?

## Timeline:

Date	In Class	Activities	Homework
Week 7	Chapter 4 Test  Chapter 5 Pretest		Read Chapter 5 Do ?'s #1-4 p. 127; 1,2,4,5 p. 139; 1-3 p. 154  Chapter 5 Pretest
Week 8	Discuss Chapter 5	Lab: "The Periodic Law" p. 147 <i>Addison-Wesley Chemistry Laboratory Manual</i>  Demo: Properties of selected elements: Na, Hg, etc.	Lab Report: "The Periodic Law" p. 147 <i>Addison-Wesley Chemistry Laboratory Manual</i>  Study for Chapter 5 Test
Week 9	Chapter 5 Test  Chapter 6 Pretest  Discuss Chapter 6	Chapter 6 Lab: Chemical Bonds and Electronegativity	Chapter 6 Lab: Chemical Bonds and Electronegativity  Read Chapter 6 Do ?'s 1-4 p. 177, 1-5 p. 189, 1-4 p. 194, 1-3 p. 196, 1-5 p. 207  Chapter 6 Pretest
Week 10	Discuss Chapter 6		Study for Chapter 6 Test