

## **Chapter 14 Periodic Patterns in the Main-Group Elements**

This chapter gives background information about the elements and the compounds they create as well as why they create these particular compounds. Although most of the chapter is not information directly tested on the AP Chemistry Exam, this information provides useful background that may show up in descriptive questions. This information can also be helpful in answering questions on the AP Environmental Science and AP Biology Exams. This chapter has excellent resources for understanding each of the main groups on the periodic table. For each group on the periodic table it is important to learn: the properties and trends in bonding, allotropes (if any), the acid-base properties, oxide reactions, acid strength including oxoacids, and electrochemical properties (good oxidizing and reducing agents).