WORLD OF CHEMISTRY
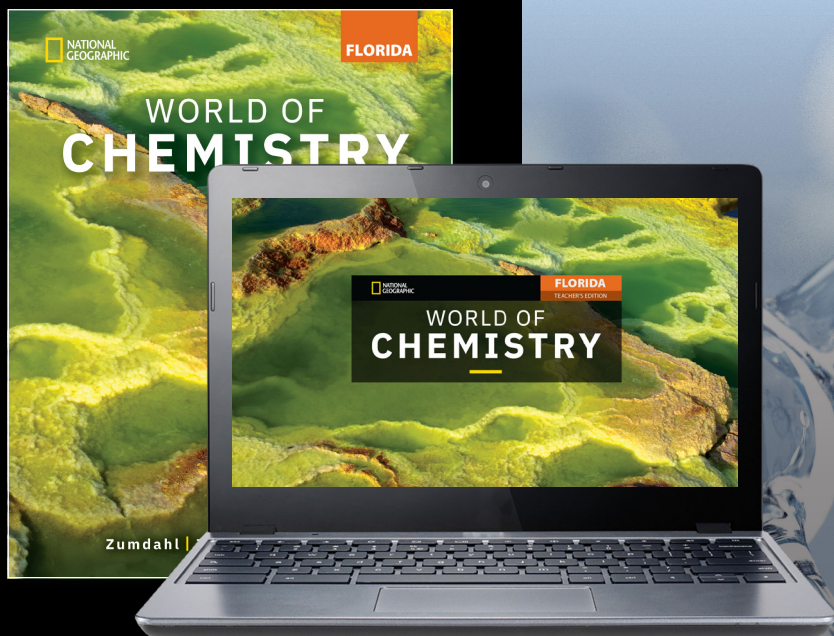
Florida Edition

SCOPE AND SEQUENCE

Use the relative times shown as one tool to help prioritize segments of your course instruction and homework assignments. Timing is based on 50-minute periods or 90-minute blocks with consideration given to the amount and depth of the content presentation and the academic standards addressed.

As you allocate time, consider your students' backgrounds and the materials that are available to them at home. Many activities require very simple or no materials or advance preparation and may be assigned as homework, such as the Case Studies and Minilabs.

Assessment tools such as the Section Reviews, Chapter Reviews, and Chapter Assessments are not included in this scope and sequence as their application varies widely with teacher discretion.

The Investigations offer ways to assess standards that may require in-class time. Choose among these based on how you want to promote understanding of various concepts and your available laboratory equipment.

Standards unique to Honors Chemistry 1 are indicated with an asterisk (*).

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CHAPTER 1 *Chemistry: An Introduction*

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1.1 The Science of Chemistry (pp. 6–9)	1	0.5	SC.912.N.1.2
1.2 Using Science to Solve Problems (pp. 10–15)	2	1	SC.912.N.1.1, SC.912.N.1.2, SC.912.N.1.5, SC.912.N.1.6, SC.912.N.2.2, SC.912.N.2.4, SC.912.N.2.5, SC.912.N.3.1*, SC.912.N.3.2, SC.912.N.3.3, SC.912.N.3.5
1.3 Using Chemistry to Design Solutions (pp. 16–19)	2	1	SC.912.N.4.1, SC.912.N.4.2*
1.4 Learning Chemistry (pp. 20–21)	2	1	SC.912.N.1.7
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Chapter 1 Investigation: Observations and Explanations (pp. 26–27)	1	0.5	SC.912.N.1.1, SC.912.N.3.1*
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CHAPTER 2   *Matter*

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3.3 Problem Solving and Unit Conversions (pp. 76–93)	3	1.5	SC.912.N.1.7
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Hands-on Chemistry: Cooking in a Metric World	0.5	0.25	
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6.2 Molar Mass and Percent Composition (pp. 200–209)	2	1	SC.912.P.8.7, SC.912.P.8.9
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| **Total** | **228** | **114** | |