

# 5


## CONTENTS


	<b>Unit 1</b>	Wild Weather . . . . . 2
	<b>Unit 2</b>	World Wonders . . . . . 42
	<b>Unit 3</b>	Roots . . . . . 82
	<b>Unit 4</b>	Healthy Habits . . . . . 122
	<b>Unit 5</b>	Tales About the Universe . . . . . 162
	<b>Unit 6</b>	Building a Country . . . . . 202
	<b>Unit 7</b>	Our Earth . . . . . 242
	<b>Unit 8</b>	Innovation . . . . . 284


How to Use a Dictionary	324
Dictionary	326
Credits	356
Index	361


# 5

## SCOPE AND SEQUENCE


Unit 1	BEFORE YOU Read	Reading	AFTER YOU Read	CONNECT TO Oral Language	CONNECT TO Grammar
 <p><b>Wild Weather</b> page 2</p> <p><b>BIG Idea</b> Weather affects people in many ways.</p>	<p>pages 4–7</p> <ul style="list-style-type: none"> <li>• Use Prior Knowledge</li> <li>• Build Background</li> <li>• <b>READING STRATEGY</b> Compare and Contrast</li> <li>• Vocabulary in Context</li> <li>• Develop Vocabulary: Use a Dictionary</li> </ul>	<p>pages 8–17</p> <p><b>A Meteorologist Talks Weather</b> by Brandon Paxton</p> <ul style="list-style-type: none"> <li>• Text Genre: An Interview</li> </ul>	<p>pages 18–19</p> <ul style="list-style-type: none"> <li>• Apply the Reading Strategy: Compare and Contrast</li> <li>• Discuss the Reading</li> </ul>	<p>pages 20–21</p> <p><b>Compare and Contrast</b></p> <p><b>LISTENING STRATEGY</b> Similarities and Differences</p>	<p>pages 22–25</p> <ul style="list-style-type: none"> <li>• subject-verb agreement</li> <li>• connecting ideas</li> </ul>


Unit 2	BEFORE YOU Read	Reading	AFTER YOU Read	CONNECT TO Oral Language	CONNECT TO Grammar
 <p><b>World Wonders</b> page 42</p> <p><b>BIG Idea</b> We can learn about the past from many places in the world.</p>	<p>pages 44–47</p> <ul style="list-style-type: none"> <li>• Use Prior Knowledge</li> <li>• Build Background</li> <li>• <b>READING STRATEGY</b> Make Inferences</li> <li>• Vocabulary in Context</li> <li>• Develop Vocabulary: Multiple-meaning Words</li> </ul>	<p>pages 48–57</p> <p><b>Secrets of the Ancient World</b> by Kathryn O'Dell</p> <ul style="list-style-type: none"> <li>• Text Genre: Informational Text</li> </ul>	<p>pages 58–59</p> <ul style="list-style-type: none"> <li>• Apply the Reading Strategy: Make Inferences</li> <li>• Discuss the Reading</li> </ul>	<p>pages 60–61</p> <p><b>A Guided Tour</b></p> <p><b>LISTENING STRATEGY</b> Listen for Inference</p>	<p>pages 62–65</p> <ul style="list-style-type: none"> <li>• indefinite pronouns</li> <li>• simple past tense of irregular verbs</li> </ul>


CONNECT TO Language Arts	CONNECT TO Science	CONNECT TO Music	CONNECT TO Art	CONNECT TO Writing	CONNECT TO Media
<p>pages 26–29</p> <p><b>Historical Fiction</b> <i>Will the Rain Ever Come?</i></p> <ul style="list-style-type: none"> <li>Text Elements: Setting Influences Plot</li> <li>Tools for Writing: Dependent and Independent Clauses</li> <li>Word Study: Base Words</li> </ul>	<p>pages 30–31</p> <p><b>The Wind</b></p> <p>CONNECT TO <b>Social Studies</b></p> <p>pages 32–33</p> <p><b>The Cost of a Storm</b></p> <p>CONNECT TO <b>Mathematics</b></p> <p>pages 34–35</p> <p><b>Comparing and Ordering Numbers</b></p>	<p>page 36</p> <p><b>Listen and Sing</b> <i>BOOM! Went the Thunder</i></p>	<p>page 37</p> <p><b>Capturing Weather in Art</b></p>	<p>pages 38–40</p> <p><b>Narrative Writing</b> Write a Story</p> <p><b>WRITING STRATEGY</b> Thinking About Setting</p>	<p>page 41</p> <p><b>Video</b></p>  <p><i>What's the Difference Between Weather and Climate?</i></p>

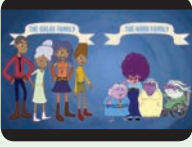
CONNECT TO Language Arts	CONNECT TO Science	CONNECT TO Music	CONNECT TO Art	CONNECT TO Writing	CONNECT TO Media
<p>pages 66–69</p> <p><b>Informational Text</b> <i>Wondrous Pyramids</i></p> <ul style="list-style-type: none"> <li>Text Elements: Interpret a Timeline</li> <li>Tools for Writing: Compound and Complex Sentences</li> <li>Word Study: Homophones</li> </ul>	<p>pages 70–71</p> <p><b>A Natural Wonder</b></p> <p>CONNECT TO <b>Social Studies</b></p> <p>pages 72–73</p> <p><b>Human-made Wonders</b></p> <p>CONNECT TO <b>Mathematics</b></p> <p>pages 74–75</p> <p><b>Use Decimal Place Value</b></p>	<p>page 76</p> <p><b>Listen and Sing</b> <i>Around the Wonders of the World</i></p>	<p>page 77</p> <p><b>Drawing with Perspective</b></p>	<p>pages 78–80</p> <p><b>Informational Writing</b> Write an Informational Text</p> <p><b>WRITING STRATEGY</b> Writing About History</p>	<p>page 81</p> <p><b>Video</b></p>  <p><i>The Egyptian Pyramids</i></p>

# 5 SCOPE AND SEQUENCE

Unit 3	BEFORE YOU Read	Reading	AFTER YOU Read	CONNECT TO Oral Language	CONNECT TO Grammar
 <p><b>Roots</b> page 82</p> <p><b>BIG Idea</b> Roots connect us to people and land.</p>	<p>pages 84–87</p> <ul style="list-style-type: none"> <li>• Use Prior Knowledge</li> <li>• Build Background</li> <li>• <b>READING STRATEGY</b> Sequence</li> <li>• Vocabulary in Context</li> <li>• Develop Vocabulary: Silent Letters</li> </ul>	<p>pages 88–89</p> <p><b>Kiki's Journey</b> by Kristy Orona-Ramirez illustrations by Jonathan Warm Day</p> <ul style="list-style-type: none"> <li>• Text Genre: Realistic Fiction</li> </ul>	<p>pages 98–99</p> <ul style="list-style-type: none"> <li>• Apply the Reading Strategy: Sequence</li> <li>• Discuss the Reading</li> </ul>	<p>pages 100–101</p> <p><b>A How-to Video</b></p> <p><b>LISTENING STRATEGY</b> Sequence</p>	<p>pages 102–105</p> <ul style="list-style-type: none"> <li>• conjunctions</li> <li>• commas in a series</li> </ul>


Unit 4	BEFORE YOU Read	Reading	AFTER YOU Read	CONNECT TO Oral Language	CONNECT TO Grammar
 <p><b>Healthy Habits</b> page 122</p> <p><b>BIG Idea</b> The food you eat and the activities you do affect your health.</p>	<p>pages 124–127</p> <ul style="list-style-type: none"> <li>• Use Prior Knowledge</li> <li>• Build Background</li> <li>• <b>READING STRATEGY</b> Identify Fact and Opinion</li> <li>• Vocabulary in Context</li> <li>• Develop Vocabulary: Recognizing Dialogue</li> </ul>	<p>pages 128–137</p> <p><b>Fresh Finds at the Farmers Market</b> by Annie C. Holdren</p> <ul style="list-style-type: none"> <li>• Text Genre: Realistic Fiction</li> </ul>	<p>pages 138–139</p> <ul style="list-style-type: none"> <li>• Apply the Reading Strategy: Identify Fact and Opinion</li> <li>• Discuss the Reading</li> </ul>	<p>pages 140–141</p> <p><b>A Presentation</b></p> <p><b>LISTENING STRATEGY</b> Listen for Fact and Opinion</p>	<p>pages 142–145</p> <ul style="list-style-type: none"> <li>• correlative conjunctions</li> <li>• modal + verb</li> </ul>


CONNECT TO Language Arts	CONNECT TO Science	CONNECT TO Music	CONNECT TO Art	CONNECT TO Writing	CONNECT TO Media
<p>pages 106–109</p> <p><b>Persuasive Text</b> <i>Save Our Community Farm!</i></p> <ul style="list-style-type: none"> <li>Text Elements: Persuasive Writing</li> <li>Tools for Writing: Correspondence: Parts of a Letter</li> <li>Word Study: Root Words</li> </ul>	<p>pages 110–111</p> <p><b>Industrial Agriculture</b></p> <p>CONNECT TO <b>Social Studies</b></p> <p>pages 112–113</p> <p><b>Native American Agriculture</b></p> <p>CONNECT TO <b>Mathematics</b></p> <p>pages 114–115</p> <p><b>Angles</b></p>	<p>page 116</p> <p><b>Listen and Sing</b> <i>Down by the Bay</i></p>	<p>page 117</p> <p><b>Pottery Design</b></p>	<p>pages 118–120</p> <p><b>Persuasive Writing</b> Write a Letter to the Editor</p> <p><b>WRITING STRATEGY</b> Letters and Emails</p>	<p>page 121</p> <p><b>Video</b></p>  <p><i>Growing Gold</i></p>


CONNECT TO Language Arts	CONNECT TO Science	CONNECT TO Music	CONNECT TO Art	CONNECT TO Writing	CONNECT TO Media
<p>pages 146–149</p> <p><b>Drama</b> <i>Healthy Bites</i></p> <ul style="list-style-type: none"> <li>Text Elements: Elements of Drama</li> <li>Tools for Writing: Italics</li> <li>Word Study: Idioms</li> </ul>	<p>pages 150–151</p> <p><b>Photosynthesis</b></p> <p>CONNECT TO <b>Social Studies</b></p> <p>pages 152–153</p> <p><b>Lifestyles in the 1800s</b></p> <p>CONNECT TO <b>Mathematics</b></p> <p>pages 154–155</p> <p><b>Fractions</b></p>	<p>page 156</p> <p><b>Listen and Sing</b> <i>Spinach, Chard, and Kale</i></p>	<p>page 157</p> <p><b>Still Life</b></p>	<p>pages 158–160</p> <p><b>Writing Drama</b> Write a Play</p> <p><b>WRITING STRATEGY</b> Dialogue</p>	<p>page 161</p> <p><b>Video</b></p>  <p><i>Staying Healthy</i></p>

# 5 SCOPE AND SEQUENCE


Unit 5	BEFORE YOU Read	Reading	AFTER YOU Read	CONNECT TO Oral Language	CONNECT TO Grammar
 <p><b>Tales About the Universe</b> page 162</p> <p><b>BIG Idea</b> Myths explain why things happen in the world and the universe.</p>	<p>pages 164–167</p> <ul style="list-style-type: none"> <li>• Use Prior Knowledge</li> <li>• Build Background</li> <li>• <b>READING STRATEGY</b> Summarize</li> <li>• Vocabulary in Context</li> <li>• Develop Vocabulary: Connotative Meanings</li> </ul>	<p>pages 168–177</p> <p><b>The Story of Arachne</b> from Usborne’s Greek Myths</p> <p><b>Anansi and His Three Sons</b> by Esther Mizrachi</p> <ul style="list-style-type: none"> <li>• Text Genre: Myths</li> </ul>	<p>pages 178–179</p> <ul style="list-style-type: none"> <li>• Apply the Reading Strategy: Summarize</li> <li>• Discuss the Reading</li> </ul>	<p>pages 180–181</p> <p><b>Retelling a Story</b></p> <p><b>LISTENING STRATEGY</b> Listen for Main Events and Important Details</p>	<p>pages 182–185</p> <ul style="list-style-type: none"> <li>• comparative adjectives</li> <li>• adverbs</li> </ul>

Unit 6	BEFORE YOU Read	Reading	AFTER YOU Read	CONNECT TO Oral Language	CONNECT TO Grammar
 <p><b>Building a Country</b> page 202</p> <p><b>BIG Idea</b> Many people helped build the United States of America.</p>	<p>pages 204–207</p> <ul style="list-style-type: none"> <li>• Use Prior Knowledge</li> <li>• Build Background</li> <li>• <b>READING STRATEGY</b> Ask Questions</li> <li>• Vocabulary in Context</li> <li>• Develop Vocabulary: Find Similar Words</li> </ul>	<p>pages 214–223</p> <p><b>Great Americans</b> by Natalie Pierce</p> <ul style="list-style-type: none"> <li>• Text Genre: Biography</li> </ul>	<p>pages 218–219</p> <ul style="list-style-type: none"> <li>• Apply the Reading Strategy: Ask Questions</li> <li>• Discuss the Reading</li> </ul>	<p>pages 220–221</p> <p><b>A Student Presentation</b></p> <p><b>LISTENING STRATEGY</b> Listen for Key Facts</p>	<p>pages 222–225</p> <ul style="list-style-type: none"> <li>• the present perfect</li> <li>• time clauses</li> </ul>

CONNECT TO Language Arts	CONNECT TO Science	CONNECT TO Music	CONNECT TO Art	CONNECT TO Writing	CONNECT TO Media
<p>pages 186–189</p> <p><b>Pourquoi Tale</b> <i>How Parrot Got Its Colors</i></p> <ul style="list-style-type: none"> <li>• Text Elements: Identify Theme</li> <li>• Tools for Writing: Condense Ideas with <i>that</i></li> <li>• Word Study: Homographs</li> </ul>	<p>pages 190–191</p> <p><b>The Planets in Our Solar System</b></p>	<p>page 196</p> <p><b>Listen and Chant</b> <i>Sun Myths</i></p>	<p>page 197</p> <p><b>Sculpture</b></p>	<p>pages 198–200</p> <p><b>Narrative Writing</b> Write a Myth</p> <p><b>WRITING STRATEGY</b> Planning Your Idea</p>	<p>page 201</p> <p><b>Video</b></p>  <p><i>The Story of Medusa</i></p>
	<p>CONNECT TO <b>Social Studies</b></p> <p>pages 192–193</p> <p><b>Viking Exploration</b></p>				
	<p>CONNECT TO <b>Mathematics</b></p> <p>pages 194–195</p> <p><b>Patterns in Place Value</b></p>				


CONNECT TO Language Arts	CONNECT TO Science	CONNECT TO Music	CONNECT TO Art	CONNECT TO Writing	CONNECT TO Media
<p>pages 226–229</p> <p><b>Poetry</b> <i>Betsy's Battle Flag</i> by Minna Irving</p> <p><i>Paul Revere's Ride</i> by Henry Wadsworth Longfellow</p> <p><i>The Message of the Liberty Bell</i> by Mrs. Elvira Robinson</p> <ul style="list-style-type: none"> <li>• Text Elements: Figurative Language</li> <li>• Tools for Writing: Rhyme Scheme</li> <li>• Word Study: Synonyms</li> </ul>	<p>pages 230–231</p> <p><b>An American Astronemer</b></p>	<p>page 236</p> <p><b>Listen and Sing</b> <i>The Star-Spangled Banner</i></p>	<p>page 237</p> <p><b>Portraits</b></p>	<p>pages 238–240</p> <p><b>Poetry</b> Write a Poem</p> <p><b>WRITING STRATEGY</b> Theme</p>	<p>page 241</p> <p><b>Video</b></p>  <p><i>The American Revolution</i></p>
	<p>CONNECT TO <b>Social Studies</b></p> <p>pages 232–233</p> <p><b>Native Americans and the American Revolution</b></p>				
	<p>CONNECT TO <b>Mathematics</b></p> <p>pages 234–235</p> <p><b>Measurement</b></p>				


# 5 SCOPE AND SEQUENCE

Unit 7	BEFORE YOU Read	Reading	AFTER YOU Read	CONNECT TO Oral Language	CONNECT TO Grammar
 <p><b>Our Earth</b> page 242</p> <p><b>BIG Idea</b> People and animals depend on their environment.</p>	<p>pages 244–245</p> <ul style="list-style-type: none"> <li>• Use Prior Knowledge</li> <li>• Build Background</li> <li>• <b>READING STRATEGY</b> Identify Cause and Effect</li> <li>• Vocabulary in Context</li> <li>• Develop Vocabulary: Vocabulary in Context</li> </ul>	<p>pages 246–259</p> <p><b>Biomes of the World</b> by Sebastian Barnette</p> <ul style="list-style-type: none"> <li>• Text Genre: Informational Text: Science</li> </ul>	<p>pages 260–261</p> <ul style="list-style-type: none"> <li>• Apply the Reading Strategy: Identify Cause and Effect</li> <li>• Discuss the Reading</li> </ul>	<p>pages 262–263</p> <p><b>A Classroom Conversation</b></p> <p><b>LISTENING STRATEGY</b> Cause and Effect</p>	<p>pages 264–267</p> <ul style="list-style-type: none"> <li>• expand a noun phrase with adjectives</li> <li>• superlative adjectives</li> </ul>

Unit 8	BEFORE YOU Read	Reading	AFTER YOU Read	CONNECT TO Oral Language	CONNECT TO Grammar
 <p><b>Innovation</b> page 284</p> <p><b>BIG Idea</b> Innovation changes the world.</p>	<p>pages 286–287</p> <ul style="list-style-type: none"> <li>• Use Prior Knowledge</li> <li>• Build Background</li> <li>• <b>READING STRATEGY</b> Problem and Solution</li> <li>• Vocabulary in Context</li> <li>• Develop Vocabulary: Word Families</li> </ul>	<p>pages 290–299</p> <p><b>On the Wings of the Condor</b> by Alma Flor Ada and F. Isabel Campoy</p> <ul style="list-style-type: none"> <li>• Text Genre: Informational Text: Social Studies</li> </ul>	<p>pages 300–301</p> <ul style="list-style-type: none"> <li>• Apply the Reading Strategy: Problem and Solution</li> <li>• Discuss the Reading</li> </ul>	<p>pages 302–303</p> <p><b>Podcast</b></p> <p><b>LISTENING STRATEGY</b> Listen for Solutions</p>	<p>pages 304–307</p> <ul style="list-style-type: none"> <li>• modify a verb</li> <li>• collective nouns</li> </ul>



CONNECT TO Language Arts	CONNECT TO Science	CONNECT TO Music	CONNECT TO Art	CONNECT TO Writing	CONNECT TO Media
<p>pages 268–271</p> <p><b>Science Fiction</b> <i>Life Beyond the T-Pass</i></p> <ul style="list-style-type: none"> <li>Text Elements: Dialogue</li> <li>Tools for Writing: Punctuation for Direct Speech</li> <li>Word Study: Shades of Meaning</li> </ul>	<p>pages 272–273</p> <p><b>Managing Waste</b></p> <p>CONNECT TO <b>Social Studies</b></p> <p>pages 274–275</p> <p><b>Irrigation</b></p> <p>CONNECT TO <b>Mathematics</b></p> <p>pages 276–277</p> <p><b>Area and Volume</b></p>	<p>page 278</p> <p><b>Listen and Sing</b> <i>Spin on Our Great, Green World</i></p>	<p>page 279</p> <p><b>Landscape Photography</b></p>	<p>pages 280–282</p> <p><b>Narrative Writing</b> Write a Science Fiction Story</p> <p><b>WRITING STRATEGY</b> Use Dialogue</p>	<p>page 289</p> <p><b>Video</b></p>  <p><i>How Tiger Got His Stripes</i></p>

CONNECT TO Language Arts	CONNECT TO Science	CONNECT TO Music	CONNECT TO Art	CONNECT TO Writing	CONNECT TO Media
<p>pages 308–311</p> <p><b>Primary Source: A Journal Entry</b> from <i>Orville Wright's Journal</i></p> <ul style="list-style-type: none"> <li>Text Elements: Sequence of Text</li> <li>Tools for Writing: Capitalization</li> <li>Word Study: Antonyms</li> </ul>	<p>pages 312–313</p> <p><b>Atoms and Molecules</b></p> <p>CONNECT TO <b>Social Studies</b></p> <p>pages 314–315</p> <p><b>Innovations That Last</b></p> <p>CONNECT TO <b>Mathematics</b></p> <p>pages 316–317</p> <p><b>Solve Fraction Word Problems</b></p>	<p>page 318</p> <p><b>Listen and Sing</b> <i>Explorers, Explorers</i></p>	<p>page 319</p> <p><b>Recycled Art</b></p>	<p>pages 320–322</p> <p><b>Journal Writing</b> Write a Journal Entry</p> <p><b>WRITING STRATEGY</b> Journal Writing</p>	<p>page 323</p> <p><b>Video</b></p>  <p><i>Evolution of the World's Tallest Building</i></p>

How to Use a Dictionary	324
Dictionary	326–355
Credits	356
Index	361