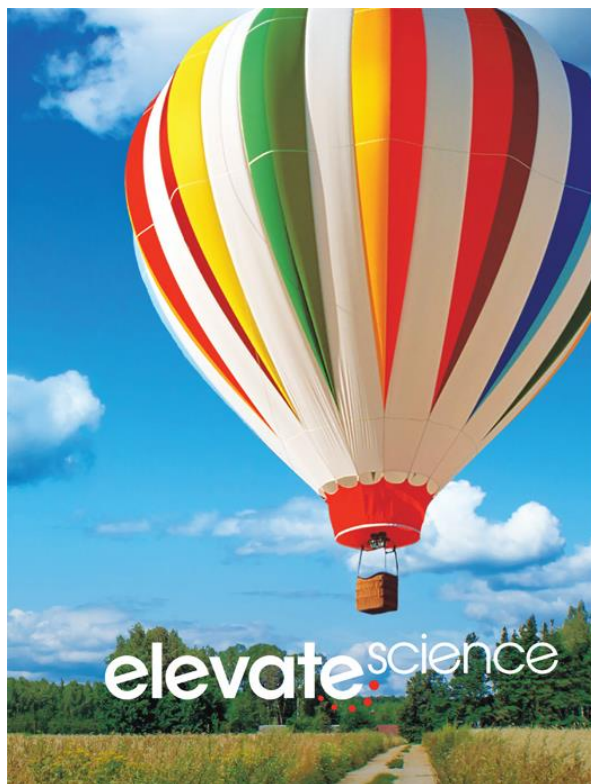


## A Skills and Content Alignment of



**myView Literacy**



**Elevate Science**

**Grade 5**

**A Skills and Content Alignment of myView Literacy, Grade 5, ©2020  
To Elevate Science, Grade 5, ©2019**

**Introduction**

The following document demonstrates how the ***Elevate Science, ©2019*** program can support and enhance the ***myView Literacy, ©2020*** program, Grade 5. For each standard, correlation references are to the Student Edition and Teacher Edition.

***Elevate Science*** is a comprehensive K-5 science program that focuses on active, student-centered learning. It builds students' critical thinking, questioning, and collaboration skills, and fuels interest in STEM and creative problem solving while supporting literacy development for elementary-age learners.

Developed to support Next Generation Science Standards (NGSS), ***Elevate Science*** integrates three dimensional learning of the Scientific and Engineering Practices, Crosscutting Concepts (CCC), and Disciplinary Core Ideas (DCIs).

***myView Literacy*** is a K-5 comprehensive, interactive literacy program that provides a balanced approach to teaching reading, writing, speaking, listening and viewing using a collection authentic reading texts and collaborative writing workshops. Competencies of 21st century thinking and social-emotional learning are taught and practiced using authentic literature, highly-engaging trade books, collaborative learning, and project-based inquiry. The instructional model follows connected reading and writing workshops that focus on teaching the critical skills and strategies students need to be highly competent thinkers, readers, and writers ready for college and career. It is designed to teach students to think carefully about what they read, discern what is relevant to them, and what is important in their world. ***myView Literacy*** offers a balanced instructional model with an emphasis on conceptual understandings, standards-based instruction and application through rigorous performance tasks and the workshop model.

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<b>myView Literacy Grade 5, ©2020</b>	<b>Elevate Science Grade 5, ©2019</b>
<b>Unit 1 Theme: Journeys</b>	
<b>Week 1</b>	
Analyze Main Ideas and Details, T46-T47 Use Text Evidence, T50-T51	<b>Topics 1-9:</b> Literacy Connection: Use Evidence from Text, 5, 47, 235, 319 Critical Thinking Skills: Summarize, 36, 90, 102, 132, 215, 249, 259, 268, 348
<b>Week 2</b>	
Interact with Sources: Explore the Infographic: The Places Scientists Will Go! T84-T85 Informational Text: Life on Earth-and Beyond, T95-T111 Make Inferences, T120-T121 Reflect and Share: Write to Sources, T124-T125 Cross-Curricular Perspectives: Social Studies, U1: T98 (Antarctica Climate) Cross-Curricular Perspectives: Social Studies, U1: T100, T104 (NASA) Cross-Curricular Perspectives: Social Studies, U1: T106 (Desert Climate) Cross-Curricular Perspectives: Social Studies, U1: T107 (Gobi Desert) Cross-Curricular Perspectives: Social Studies, U1: T108 (Viking Spaceship on Mars)	Students explore the role of scientists and the ways they acquire information in the following:  <b>Topic 4:</b> Solve It with Science: Can people live on Mars?, 171  <b>Topic 5:</b> Lesson 1: Earth's Natural Resources, 186-192  <b>Topic 6:</b> Lesson 2: Inner Solar System, 246-251 uInvestigate Lab: How does a planet's distance from the sun affect its path? 247 Lesson 3: Outer Solar System, 254-261 uInvestigate Lab: How hard do space objects hit Earth? 255 Career Connection: Astronomical Technicians, 265  <b>Topic 7:</b> Career Connection: Planetarium Curator, 307  <b>Topic 9:</b> Lesson 1: Ecosystems, 360-366 uInvestigate Lab: How do the parts of an ecosystem work together? 361 Visual Literacy Connection: How do factors interact in a forest ecosystem? 364

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<b>Week 3</b>	
<p>Interact with Sources: Explore the Map, The Age of Exploration, T154-T155            Historical Fiction: Pedro's Journal, T165-T183            Cross-Curricular Perspectives: Social Studies, Christopher Columbus, T169, T180,            Understand Point of View, T188-T189            Use Text Evidence, T192-T193            Reflect and Share: Write to Sources, Use Text Evidence, T196-T197            Read Like a Writer: Analyze Precise Language, T204-T205            Write for a Reader: Create a Voice, T206-T207</p>	<p><b>Topics 1-9:</b>            Literacy Connection: Use Evidence from Text, 5, 47, 235, 319            Maps, 163, 189, 191</p> <p>Also see:  <b>Topic 7:</b>            ulnvestigate Lab: What star patterns can you see? 295            Visual Literacy Connection: How do we identify star patterns in the sky? 298</p>
<b>Week 4</b>	
<p>Cross-Curricular Perspectives: Social Studies, Cartography, T238, Latitude, longitude, T240, Visualize, T254-T255            Reflect and Share: Write to Sources, Compare and Contrast, T258-T259</p>	<p><b>Topic 5:</b>            Literacy Connection: Compare and Contrast, 359</p> <p>Also see:  <b>Topic 7:</b>            ulnvestigate Lab: What star patterns can you see? 295            Visual Literacy Connection: How do we identify star patterns in the sky? 298</p>
<b>Week 5</b>	
<p>Interact with Sources: Explore the Slideshow, A Painted Journey, T288-T289            Confirm or Correct Predictions, T322-T323            Cross-Curricular Perspectives: Social Studies, U1: T300 (Infectious Diseases)</p>	<p><b>Topic 5:</b>            The Essential Question: How can we protect Earth's resources and environments? 181            ulnvestigate Lab: Which color is best at capturing solar energy, 197? (prediction)</p> <p><b>Topics 1-9:</b>            Critical Thinking Skills: Predictions, 16, 36, 263, 282, 318</p>
<b>Week 6</b>	
<p><b>Project-Based Inquiry: Journeys</b>            Compare Across Texts, Journeys, T354-T355            Explore and Plan: Argumentative Writing, T358-T359            Conduct Research: Web Sites, T360-T361            Collaborate and Discuss, T362-T363            Celebrate and Reflect: Celebrate!, Oral Presentation T370</p>	<p>For supporting content please see:            Science Practices: Engaging in Arguments from Evidence, EM7            Science Practices: Communicate Information, EM9</p>

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<p><b>Unit 1 ONLINE Leveled Passages</b> Culture Shock All Aboard! Ellis Island: The Immigrant Journey</p>	<p>For supporting content please see: Science Practices: Engaging in Arguments from Evidence, EM7 Science Practices: Communicate Information, EM9</p>
<p><b><u>Leveled Readers</u></b> Travel the World (Narrative Nonfiction–travels in nature) Flight (Informational Text) Matthew Henson: Arctic Explorer (Biography)</p>	<p>Students explore a variety of careers in Pearson’s Elevate Science Grade 5.  Career Connection: Robotics Engineer, 35; Materials Scientist, 89; Air Pollution Analyst, 131; Water Quality Specialist, 173; Environmental Scientist, 223; Astronomical Technicians, 265; Planetarium Curator, 307; Nutritionist, 3347; Zoologist, 397</p>
<b>Unit 2 Theme: Observations</b>	
<b>Week 1</b>	
<p>Interact with Sources: Explore the Infographic, How Scientists Study Ocean Life, T20-T21 Read Aloud: “Jellyfish: Valuable Slime” T22–T23 Read: <i>Far from Shore</i> T31–T47 Read Like a Writer: Analyze Graphic Features, T68-T69 Write for a Reader: Use Graphic Features, T70-T71 Cross-Curricular Perspectives: Science, U2: T32, T34 (Coral Reef &amp; Marine Research) Cross-Curricular Perspectives: Science, U2: T38 (Active Volcano) Cross-Curricular Perspectives: Science, U2: T39 (Chlorophyll in plants) Cross-Curricular Perspectives: Science, U2: T40 (Beaufort Wind Scale) Cross-Curricular Perspectives: Science, U2: T35, T42, T46 (Dolphins, Porpoises, &amp; Sharks) Cross-Curricular Perspectives: Science, U2: T43 (Brown Booby birds)</p>	<p><b>Topic 4:</b> Lesson 3: Earth’s Ocean, 162-169 STEM uInvestigate Lab: How can you separate salt from water? 163 Visual Literacy Connection: What is the motion of the ocean? 166 Quest Check-In Lab: Water Resources, 170</p> <p><b>Topic 8:</b> Lesson 2: How Plants Make Food, 328-333 STEM Connection, 328 uInvestigate Lab: What matter do plants need to make food? 329 Quest Check-In Lab: What plant foods provide the most energy and nutrients? 334-335 STEM uEngineer It!: A Code for Plant Matter, 336-337 Lesson 3: How Animals Use Food, 338-343 STEM Quest Check-In: Animals Using Energy, 344 Extreme Science: The Hungriest Animal, 345</p>

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<b>Week 2</b>	
<p>Interact with Sources: Explore the Map, Protecting Habitats, T90-T91            Read Aloud: “The Manatees’ Future Is Looking Brighter” T92–T93            Read: <i>A Place for Frogs</i> T101–T117            Analyze Text Structure, T122-T123            Monitor Comprehension, T126-T127            Reflect and Share, Write to Sources, Compare and Contrast, T130-T131            Cross-Curricular Perspectives: Science, U2: T102 (Fresh Water)            Cross-Curricular Perspectives: Science, U2: T106, T111, T112, T116 (Frog Species)            Cross-Curricular Perspectives: Science, U2: T113 (Fungus)</p>	<p><b>Topic 4:</b>            Lesson 2: Earth’s Freshwater, 154-159            Local-to-Global Connection, 154            STEM ulnvestigate Lab: How can you find water underground? 155            Visual Literacy Connection: How is freshwater distributed across Earth? 156</p> <p><b>Topic 9:</b>            Quest Kickoff: Public Relations Gone Wild! 356-357, 367, 376, 384, 393, 396            Lesson 1: Ecosystems, 360-366            ulnvestigate Lab: How do the parts of an ecosystem work together? 361            Visual Literacy Connection: How do factors interact in a forest ecosystem? 364            Lesson 3: Change Within Ecosystems, 378-383            ulnvestigate Lab: How does change affect organisms in an ecosystem? 379            Visual Literacy Connection: What happens to a forest ecosystem after a fire? 380            Quest Check-In Lab: How does change affect organisms in an ecosystem? 384            Career Connection: Zoologist, 397</p>
<b>Week 3</b>	
<p>Read Aloud: “A Pinhole Camera” T162–T163            Realistic Fiction: <i>from</i> Hatchet, T171-T187 (outdoor survival)            Generate Questions, T196-T197            Reflect and Share: Write to Sources, T200-T201            Read Like a Writer: Analyze Voice, T208-T209, T210-T211            Cross-Curricular Perspectives: Science, U2: T174 (Porcupines)            Cross-Curricular Perspectives: Science, U2: T179 (Flint Rock)            Cross-Curricular Perspectives: Science, U2: T181 (Birch Trees)            Cross-Curricular Perspectives: Science, U2: T184 (Observation)            Cross-Curricular Perspectives: Science, U2: T186 (Oxygen)</p>	<p><b>Topic 4:</b>            Lesson 2: Earth’s Freshwater, 154-159</p> <p><b>Topic 5:</b>            Lesson 3: Human Activity and Earth’s Systems, 204-209</p> <p><b>Topic 8:</b>            Lesson 3: How Animals Use Food, 338-343</p> <p><b>Topic 9:</b>            Lesson 2: Organisms within Ecosystems, 368-375</p> <p><b>Topics 1-9</b>            Ask Questions, 9, 404</p>

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<b>Week 4</b>	
<p>Interact with Sources: Explore the Primary Sources, In the Words of Theodore Roosevelt, T230-T231 (conservation)            Read Aloud: “Armadillos of North America” T232–T233            Read: “Tracking Monsters” (wild animals) T241–T253            Explain Relationships Between Ideas, T258-T259            Confirm or Correct Predictions, T262-T263            Cross-Curricular Perspectives: Science, U2: T242, T249 (Desert Ecosystem)            Cross-Curricular Perspectives: Science, U2: T244 (Saguaro Cactus)            Cross-Curricular Perspectives: Science, U2: T249 (BioBlitz)            Cross-Curricular Perspectives: Science, U2: T250 (Tracking Animals)</p>	<p><b>Topic 9:</b>            Lesson 1: Ecosystems, 360-366            ulnvestigate Lab: How do the parts of an ecosystem work together? 361            Visual Literacy Connection: How do factors interact in a forest ecosystem? 364            Lesson 2: Organisms within Ecosystems, 368-375            STEM Connection, 368            ulnvestigate Lab: How can matter change in an ecosystem? 369            Visual Literacy Connection: Who eats whom? 372            Quest Check-In: Connections to Others, 376            STEM Math Connection: Solve Word Problems, 377</p> <p><b>Topics 1-9:</b>            Critical Thinking Skills: Predictions, 16, 36, 263, 282, 318</p>
<b>Week 5</b>	
<p>Interact with Sources: Explore the Video: Saving Natural Habitats, T296-T297            Read Aloud: “You Are What You Eat” T298–T299            Read: <i>Let Wild Animals Be Wild and Don't Release Animals Back to the Wild</i> T307–T321            Reflect and Share: Talk About It, Opinion, T334-T335            Write for a Reader: Use First-Person Point of View, T344-T345            Cross-Curricular Perspectives: Science, U2: T308 (Protecting Endangered Species)            Cross-Curricular Perspectives: Science, U2: T310 (Plants as Food Source)            Cross-Curricular Perspectives: Science, U2: T312, T316, T318, T320 (Different Ecosystems)</p>	<p><b>Topic 8:</b>            The Essential Question: Where does food's energy come from and how is food used? 315            Quest Kickoff: Plan Your Plate! 316-317, 346            Lesson 1: Energy in Food, 320-326            Lesson 3: How Animals Use Food, 338-343</p> <p><b>Topic 9:</b>            Quest Kickoff: Public Relations Gone Wild! 356-357, 367, 376, 384, 393, 396            Lesson 1: Ecosystems, 360-366            ulnvestigate Lab: How do the parts of an ecosystem work together? 361            Visual Literacy Connection: How do factors interact in a forest ecosystem? 364            Lesson 3: Change Within Ecosystems, 378-383            ulnvestigate Lab: How does change affect organisms in an ecosystem? 379            Visual Literacy Connection: What happens to a forest ecosystem after a fire? 380            Quest Check-In Lab: How does change affect organisms in an ecosystem? 384            Career Connection: Zoologist, 397</p> <p>Science Practices: Communicate Information, EM9</p>



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<b>Week 6</b>	
<p><b>Project-Based Inquiry: Observations</b> Integrate Your Instruction, T361 Compare Across Texts, Observations, T362 Research Project: Survival Guide to a Natural Area, T364–T379</p>	<p><b>Topic 8:</b> The Essential Question: Where does food’s energy come from and how is food used? 315 Lesson 1: Energy in Food, 320-326 Lesson 3: How Animals Use Food, 338-343</p> <p>Science Practices: Communicate Information, EM9</p>
<p><b>Unit 2 ONLINE Leveled Passages</b> Do You See What I See? Naturally Inspired</p>	<p><b>Topics 1-9:</b> Performance-Based Assessment, 40-41, 94-95, 136-137, 178-179, 228-229, 270-271, 312-313, 352-353, 402-403</p>
<p><b>Leveled Readers:</b> Eating Well (Informational Text) An Icelandic Adventure (Realistic Fiction) Making Observations (Informational Text) A System of Life (Informational Text) Trapped in Carnivorous Plants (Expository Text) Instruments of Science (Expository Text) Surprise! Great Accidental Inventions (Expository Text (Biography)) An Eye on Ecosystems (Informational Text) Fit for Survival (Informational Text) Science in the Wild (Narrative Nonfiction) Animal Behaviors (Expository Text)</p>	<p><b>Topic 8:</b> The Essential Question: Where does food’s energy come from and how is food used? 315 Quest Kickoff: Plan Your Plate! 316-317, 346 Lesson 1: Energy in Food, 320-326 Lesson 3: How Animals Use Food, 338-343</p> <p><b>Topic 9:</b> Lesson 1: Ecosystems, 360-366 uInvestigate Lab: How do the parts of an ecosystem work together? 361 Quest Check-In: Unwelcome Inhabitants, 367 Lesson 2: Organisms within Ecosystems, 368-375 uInvestigate Lab: How can matter change in an ecosystem? 369 Visual Literacy Connection: Who eats whom? 372 Quest Check-In: Connections to Others, 376</p>

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<b>Unit 3 Theme: Reflections</b>	
<b>Week 1</b>	
Realistic Fiction: <i>from love</i> , Amalia, T31-T45 (problem-solving) Cross-Curricular Perspectives: Social Studies, Locations, T32, T36, T40 Make Connections, T54-T55 Reflect and Share: Talk About It, T58-T59	<b>Topics 1-9:</b> Defining Problems, EM10 Problem-Based Learning, 2, 44, 98, 1540, 182, 232, 274, 316
<b>Week 2</b>	
Realistic Fiction: A Pet for Calvin, T99-T111 (solve problem) Cross-Curricular Perspectives: Social Studies, Historians analyze Information, T104 Summarize, T120-T121 Reflect and Share: Write to Sources, Freewrite, T124-T125	For supporting content please see: Engineering Practices: Defining Problems, EM10; Designing Solutions, EM 11 Critical Thinking Skills: Summarize, 36, 90, 102, 132, 215, 249, 259, 268, 348
<b>Week 3</b>	
Interact with Sources: Explore the Images, Art: Then and Now, T154-T155 Cross-Curricular Perspectives: Social Studies, Japanese culture, T168, T170, T172, T176, T181, T182 Synthesize Information, T192-T193 Reflect and Share: Write to Sources, Use Text Evidence, T196-T197	<b>Topics 1-9:</b> Literacy Connection: Use Evidence from Text, 5, 47, 235, 319 Critical Thinking Skills: Use Text Evidence, 5, 12, 19, 22, 31, 47, 52, 61, 66, 68, 69, 73, 85, 120, 144, 319, 322, 323, 332, 340, 371
<b>Week 4</b>	
Interact with Sources: Explore the Riddles, Riddle Me This!, T226-T227 (family) Reflect and Share: Write to Sources, Compare and Contrast, T256-T257	<b>Topics 1-9:</b> Literacy Connection: Compare and Contrast, 359 Critical Thinking Skills: Compare and Contrast, 54, 100, 117, 179, 185, 188, 198, 208, 213, 219, 236, 246, 262, 264, 268, 276, 321, 326
<b>Week 5</b>	
Realistic Fiction: Life & Art, T297-T309 (architecture) Infer Multiple Themes, T314-T315 Confirm or Correct Predictions, T318-T319 Read Like a Writer: Analyze Effect of Point of View, T330-T331, T332-T333	<b>Topics 1-9:</b> Critical Thinking Skills: Predictions, 16, 36, 263, 282, 318

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<b>Week 6</b>	
<p><b>Project-Based Inquiry: Reflections</b> Integrate Your Instruction, T349 <i>Quest Social Studies:</i> For alternative inquiry projects with a social studies focus go online to <i>PearsonRealize.com</i> Compare Across Texts, Reflections, T350 Inquire: Introduce the Project, Speech about influential person, T352 (Jane Addams) Conduct Research: Databases, T356-T357 Refine Research: Bibliography, T360-T361 Extend Research: Add Photographs and Time Lines, T362-T363 Celebrate and Reflect: Celebrate!, Oral Presentation, T366</p>	<p>Heroes can be found in all professions and different communities. For supporting content please see:</p> <p><b>Topics 1-9:</b> Career Connection: Robotics Engineer, 35; Materials Scientist, 89; Air Pollution Analyst, 131; Water Quality Specialist, 173; Environmental Scientist, 223; Astronomical Technicians, 265; Planetarium Curator, 307; Nutritionist, 3347; Zoologist, 397</p> <p>Science Practices: Communicate Information, EM9</p>
<p><b>Unit 3 ONLINE Leveled Passages</b> Awesome Jane Addams You Inspire Me!</p>	<p>Heroes can be found in all professions and different communities. For related content please see:</p> <p><b>Topic 5:</b> Quest Kickoff: Take Care of the Earth-It's Our Home, 182-183 Lesson 4: Protection of Earth's Resources and Environments, 212-219 Curriculum Connection, 212 STEM ulnvestigate Lab: How can you collect rainwater? 213 Visual Literacy Connection: How do people recycle? 216 Quest Check-In Lab: Increase Conservation, 220 Quest Findings: Take Care of the Earth-It's Our Home, 222</p> <p><b>Topics 1-9:</b> Career Connection: Robotics Engineer, 35; Materials Scientist, 89; Air Pollution Analyst, 131; Water Quality Specialist, 173; Environmental Scientist, 223; Astronomical Technicians, 265; Planetarium Curator, 307; Nutritionist, 3347; Zoologist, 397</p>

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<b>Unit 4 Theme: Liberty</b>	
<b>Week 1</b>	
Interact with Sources: Explore the Infographic, The Underground Railroad, T20-T21 <i>The North Star</i> , T22-T23 Historical Fiction: <i>from Elijah of Buxton</i> : Keeping Mr. John Holton Alive, T31-T43	<b>Topics 1-9:</b> Maps, 163, 189, 191  <b>Topic 7:</b> ulInvestigate Lab: What star patterns can you see? 295 Visual Literacy Connection: How do we identify star patterns in the sky? 298
<b>Week 2</b>	
Interact with Sources: Explore the Map, T86-T87 Historical Fiction: The Scarlet Stockings Spy, T97-T113 Monitor Comprehension, T122-T123 Reflect and Share, Write to Sources, Use Text Evidence, T126-T127	<b>Topics 1-9:</b> Maps, 163, 189, 191 Literacy Connection: Use Evidence from Text, 5, 47, 235, 319 Critical Thinking Skills: Use Text Evidence, 5, 12, 19, 22, 31, 47, 52, 61, 66, 68, 69, 73, 85, 120, 144, 319, 322, 323, 332, 340, 371
<b>Week 3</b>	
Interact with Sources: Explore the Word Puzzle, T156-T157 Informational Text: <i>from</i> The Bill of Rights, T167-T181 Cross-Curricular Perspectives: Social Studies, US Constitution, T168, T171, Pilgrims, T174 Interpret Text Structure, T186-T187 Summarize, T190-T191	<b>Topics 1-9:</b> Literacy Connection: Use Evidence from Text, 5, 47, 235, 319 Critical Thinking Skills: Summarize, 36, 90, 102, 132, 215, 249, 259, 268, 348
<b>Week 4</b>	
Interact with Sources: Explore the Time Line, The Early Civil Rights Movement, T224-T225 Biography: Delivering Justice, T235-T251 Reflect and Share: Write to Sources, Summarize Texts, T264-T265 Read Like a Writer: Analyze & Use Graphic Features, T272-T273, T274-T275	<b>Topics 1-9:</b> Critical Thinking Skills: Summarize, 36, 90, 102, 132, 215, 249, 259, 268, 348; Graph Data, 164 Interpreting Graphs, 129 Using Text Features, 5, 235, 241, 250, 256

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<b>Week 5</b>	
<p>Interact with Sources: Explore the Primary Sources, <i>from I will Go West</i>, T294-T295            Historical Fiction: Ezekiel Johnson Goes West, T305-T327            Cross-Curricular Perspectives: Social Studies, Westward Expansion, T310, T316, T318, T320, T327            Make Inferences, T336-T337            Reflect and Share: Talk About It, T340</p>	<p>As students explore the movement to the west they can examine the following material from Pearson’s Elevate Science Grade 5.</p> <p><b>Topic 5:</b>            Quest Kickoff: Take Care of the Earth-It’s Our Home, 182-183            Quest Findings: Take Care of the Earth-It’s Our Home, 222</p> <p><b>Topics 1-9:</b>            Critical Thinking Skills: Infer, 12, 21, 29, 56, 61, 85, 132, 161, 179, 186, 199, 204, 205, 214, 261, 268, 318, 322, 330, 333, 339, 341, 343, 349</p>
<b>Week 6</b>	
<p><b>Project-Based Inquiry: Liberty</b>            Integrate Your Instruction, T367  <i>Quest Social Studies:</i> For alternative inquiry projects with a social studies focus go online to <i>PearsonRealize.com</i>            Research Project: Write About a Hero, T352–T367            Compare Across Texts, Liberty, T368-T369            Inquire: Introduce the Project, Freedom Poster, T370-T371            Explore and Plan: Informational Writing, T372-T373            Refine Research: Primary and Secondary Sources, T378-T379            Extend Research: Online Survey Tools, T380-T381            Celebrate and Reflect, Celebrate!, Oral presentation, T384</p>	<p>Heroes can be found in all professions and different communities. For related material see:</p> <p><b>Topic 5:</b>            Quest Kickoff: Take Care of the Earth-It’s Our Home, 182-183            Lesson 4: Protection of Earth’s Resources and Environments, 212-219            Curriculum Connection, 212            STEM ulnvestigate Lab: How can you collect rainwater? 213            Visual Literacy Connection: How do people recycle? 216            Quest Check-In Lab: Increase Conservation, 220            Quest Findings: Take Care of the Earth-It’s Our Home, 222</p> <p><b>Topics 1-9:</b>            Career Connection: Robotics Engineer, 35; Materials Scientist, 89; Air Pollution Analyst, 131; Water Quality Specialist, 173; Environmental Scientist, 223; Astronomical Technicians, 265; Planetarium Curator, 307; Nutritionist, 3347; Zoologist, 397</p>

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<b>Unit 5 Theme: Systems</b>	
<b>Week 1</b>	
<p>Infographic: Who Are Geologists? T20–T21            Read Aloud: “Geologists at Work” T22–T23            Read: <i>Rocks and Fossils</i> T31–T51            Identify Main Idea and Details, T56-T57            Read Like a Writer: Analyze &amp; Develop Text Features, T72-T73, T74-T75            Cross-Curricular Perspectives: Science, U5: T32, T36, T38, T39 (Minerals &amp; Strata)            Cross-Curricular Perspectives: Science, U5: T40 (Fossil Fuels)            Cross-Curricular Perspectives: Science, U5: T41, T49 (Sandstone &amp; Limestone)            Cross-Curricular Perspectives: Science, U5: T44 (Movement Between Tectonic Plates)            Cross-Curricular Perspectives: Science, U5: T46 (Erosion of Colorado River)</p>	<p><b>Topic 3:</b>            Lesson 1: Geosphere and Biosphere, 102-108            Investigate Lab: How does water move through soil? 103            Visual Literacy Connection: What are the parts of Earth’s geosphere and biosphere? 106            Quest Check-In: Raining Acid, 109            Fossil Fuels, 126            Lesson 3: Interactions Among Earth’s Systems: Natural Disruptions, 127</p> <p><b>Topic 5:</b>            Energy from Fuels, 198</p>

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<b>Week 2</b>	
<p>Poem: The Water Cycle T94–T95            Read Aloud: “Why Does Ice Float?” T96–T97            Read: from <i>Earth’s Water Cycle</i> T105–T125            Interpret Text Features, T124-T125            Confirm or Correct Predictions, T128-T129            Reflect and Share: Write to Sources, Use Text Evidence, T132-T133            Read Like a Writer: Analyze Text Structure, T140-T141            Write for a Reader: Develop Text Structure, T142-T143            Cross-Curricular Perspectives: Science, U5: T111, T114 (Water Cycle)            Cross-Curricular Perspectives: Science, U5: T117 (Dehydration)</p>	<p><b>Topic 4:</b>            The Essential Question: How much water can be found in different places on Earth? 139            Quest Kickoff: Water, Water Everywhere! 140-141, 172            Lesson 1: Water Cycle, 144-150            ulnvestigate Lab: Where does the water come from? 145            Visual Literacy Connection: How does water cycle on Earth? 148            Quest Check-In: Follow the Flow, 151            Engineering STEM: It’s Melting! 152            Lesson 2: Earth’s Freshwater, 154-159            STEM ulnvestigate Lab: How can you find water underground? 155            Visual Literacy Connection: How is freshwater distributed across Earth? 156            STEM Quest Check-In Lab: How do we filter water? 160-161            Lesson 3: Earth’s Ocean, 162-169            STEM ulnvestigate Lab: How can you separate salt from water? 163            Visual Literacy Connection: What is the motion of the ocean? 166            Quest Check-In Lab: Water Resources, 170            Career Connection: Water Quality Specialist, 173            Assessment, 174-175, 176-177</p> <p><b>Topics 1-9:</b>            Critical Thinking Skills: Predictions, 16, 36, 263, 282, 318</p>
<b>Week 3</b>	
<p>Video: How Volcanoes Work T162–T163            Read Aloud: “The Big One” T164–T165            Read: “The Dog of Pompeii” T173–T189            Make Inferences, T198-T199            Reflect and Share: Write to Sources, Opinion, T202-T203            Cross-Curricular Perspectives: Science, T189 (Fossils)</p>	<p><b>Topic 3:</b>            Lesson 3: Interactions Among Earth’s Systems: Natural Disruptions, 127</p> <p><b>Topics 1-9:</b>            Critical Thinking Skills: Infer, 12, 21, 29, 56, 61, 85, 132, 161, 179, 186, 199, 204, 205, 214, 261, 268, 318, 322, 330, 333, 339, 341, 343, 349</p>

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<b>Week 4</b>	
<p>Interact with Sources: Explore the Diagram, Waste Is a Problem, T232-T233            Read Aloud: "The Problem with Palm Oil" T234–T235            Informational Text: Let's Talk Trash, T243-T245            It's Time to Get Serious About Food Waste, T246-T249            Compare and Contrast Accounts T254-T255            Monitor Comprehension, T58-T59            Read Like a Writer: Analyze &amp; Develop Graphic Features, T270-T271, T272-T273            Cross-Curricular Perspectives: Science, T246 (Methane Gas)            Cross-Curricular Perspectives: Science, T249 (Food Spoilage)</p>	<p><b>Topic 5:</b>            Human Impact on Earth's Systems, 180            The Essential Question: How can we protect Earth's resources and environments? 181            Quest: Take Care of the Earth-It's Our Home, 182-183, 193, 220, 223            STEM uConnect Lab: How can we reuse materials to design new products? 184            Lesson 4: Protection of Earth's Resources and Environments, 212-219            Curriculum Connection, 212            STEM ulnvestigate Lab: How can you collect rainwater? 213            Visual Literacy Connection: How do people recycle? 216            Career Connection: Environmental Scientist, 223</p>
<b>Week 5</b>	
<p>Interact with Sources: Explore the Map: How People Influence Natural Systems, T292-T293            Read Aloud: "Deforestation Must Be Controlled" T294–T295            Argumentative Text: People Should Manage Nature, T303-T317            Cross-Curricular Perspectives: Science, T308 (Forest Fires)            Cross-Curricular Perspectives: Science, T310 (Biodiversity)            Cross-Curricular Perspectives: Science, T316 (Protect Against Natural Hazards)</p>	<p><b>Topic 5:</b>            Lesson 1: Earth's Natural Resources, 186-192            Lesson 2: Earth's Energy Resources, 196-202            Human Impact on Earth's Systems, 180            The Essential Question: How can we protect Earth's resources and environments? 181            Quest: Take Care of the Earth-It's Our Home, 182-183, 193, 220, 223            STEM uConnect Lab: How can we reuse materials to design new products? 184            Lesson 4: Protection of Earth's Resources and Environments, 212-219            STEM ulnvestigate Lab: How can you collect rainwater? 213            Visual Literacy Connection: How do people recycle? 216            Career Connection: Environmental Scientist, 223</p> <p><b>Topic 9:</b>            Visual Literacy Connection: What happens to a forest ecosystem after a fire? 380</p>



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<b>Week 6</b>	
<p><b>Project-Based Inquiry: Systems</b> Integrate Your Instruction, T367 <i>Quest Social Studies:</i> For alternative inquiry projects with a social studies focus go online to <i>PearsonRealize.com</i> Compare Across Texts, Systems, T358-T359 Research Project: PSA Showing How People Can Help the Environment, T360–T375 Explore and Plan: Argumentative Writing, T362-T363 Conduct Research: Graphics, T364-T365 Refine Research: Bibliography, T368-T369 Celebrate and Reflect: Time to Celebrate!, Oral Presentation, T374-T375</p>	<p><b>Topic 5:</b> Human Impact on Earth’s Systems, 180 The Essential Question: How can we protect Earth’s resources and environments? 181 Quest: Take Care of the Earth-It’s Our Home, 182-183, 193, 220, 223 STEM uConnect Lab: How can we reuse materials to design new products? 184 Lesson 4: Protection of Earth’s Resources and Environments, 212-219 STEM ulnvestigate Lab: How can you collect rainwater? 213 Visual Literacy Connection: How do people recycle? 216 Career Connection: Environmental Scientist, 223</p>
<p><b>Unit 5 ONLINE Leveled Passages</b> Now Hear This! Emergency! Meet FEMA</p>	<p><b>Topic 3:</b> Lesson 3: Interactions Among Earth’s Systems: Natural Disruptions, 127</p>
<p><b>Leveled Readers</b> Flood! (Realistic Fiction) The Changing Earth (Informational Text) Tropical Rain Forests (Informational Text) Earth: The Ripple Effect (Expository Text) Ocean Forces (Informational Text) Mission to the Stars (Informational Text) Earth’s Changing Landscape (Expository Text) Protecting Our Planet (Informational Text) Earth’s Fury (Informational Text) How Do We Feed the World? (Informational Text) Saving the Great Lakes (Informational Text)</p>	<p><b>Topic 3:</b> Lesson 3: Interactions Among Earth’s Systems: Natural Disruptions, 127</p> <p><b>Topic 4:</b> Quest: Water, Water Everywhere! 140-141, 172</p> <p><b>Topic 5:</b> Human Impact on Earth’s Systems, 180 The Essential Question: How can we protect Earth’s resources and environments? 181 Quest: Take Care of the Earth-It’s Our Home, 182-183, 193, 220, 223 STEM uConnect Lab: How can we reuse materials to design new products? 184 Lesson 4: Protection of Earth’s Resources and Environments, 212-219 STEM ulnvestigate Lab: How can you collect rainwater? 213 Visual Literacy Connection: How do people recycle? 216 Career Connection: Environmental Scientist, 223</p>