

<b>SUGGESTED PACING</b>	
<p><b>STRAND: LIFE SCIENCE (LS)</b>  <b>Topic: Basic Needs of Living Things</b>                      This topic focuses on the physical needs of living things in Ohio. Energy from the sun or food, nutrients, water, shelter and air are some of the physical needs of living things.  <b>Content Statements:</b> Living things have basic needs, which are met by obtaining materials from the physical environment.</p> <ul style="list-style-type: none"> <li>• Living things survive only in environments that meet their needs.</li> <li>• Resources are necessary to meet the needs of an individual and populations of individuals. Living things interact with their physical environments as they meet those needs.</li> <li>• Effects of seasonal changes within the local environment directly impact the availability of resources.</li> </ul>	
<b>PRINT RESOURCES</b>	<b>DIGITAL RESOURCES</b>
<p><i>ScienceFusion</i></p> <ul style="list-style-type: none"> <li>• Unit 5, TE pages 175A-1196</li> <li>• Unit 5, Inquiry Flip Chart pages 22-23</li> <li>• Unit 5, Science and Engineering Leveled Readers                             <ul style="list-style-type: none"> <li>○ On-Level/Below Level - <i>Where Do Plants and Animals Live?</i></li> <li>○ Above Level - <i>A Trip to the Aquarium</i></li> </ul> </li> <li>• Unit 6, Lessons 1 and 5</li> <li>• Unit 6, TE pages 199A-208A, 225A-236A</li> <li>• Unit 6, Inquiry Flip Chart page 25, 29</li> </ul>	<p><i>ScienceFusion</i></p> <ul style="list-style-type: none"> <li>• Unit 5, Lesson 1 Digital Lesson</li> <li>• Unit 5, Lesson 2 Digital Lesson with Virtual Lab</li> <li>• Unit 6, Lesson 1 Digital Lesson</li> <li>• Unit 6, Lesson 5 Digital Lesson</li> </ul>
	<b>SCIENCE AND ACADEMIC VOCABULARY</b>
	Environment, Food Chain, Lake, Natural Resource, Ocean, River, Rock, Shelter, Soil, Stream
<b>DIFFERENTIATION</b>	<b>FIELD EXPERIENCE CONNECTIONS</b>
<p>Basic (Extra Support)</p> <ul style="list-style-type: none"> <li>• Unit 5 Response to Intervention - TE page 173I</li> <li>• Unit 5 TE pages 176, 180, 183</li> <li>• Unit 6 Response to Intervention - TE page 197 K</li> <li>• Unit 6 TE pages 201, 202, 205</li> </ul> <p>Advanced (Enrichment)</p> <ul style="list-style-type: none"> <li>• Unit 5 TE pages 176, 180, 183</li> <li>• Unit 5 STEM - Inquiry Flipchart page 24, TE pages 173G, 191-192B</li> <li>• Unit 6 TE pages 201, 202, 205</li> </ul> <p>English Language Learners</p> <ul style="list-style-type: none"> <li>• Unit 5 TE pages 173J-173K, 178, 181</li> <li>• Unit 6 TE pages 197L-197M, 200</li> </ul>	
<b>INQUIRY SKILLS</b>	
<ul style="list-style-type: none"> <li>• Compare</li> <li>• Draw Conclusions</li> <li>• Experiment</li> </ul>	<ul style="list-style-type: none"> <li>• Formulate or Use Models</li> <li>• Gather, Record, Display, and Interpret Data</li> <li>• Observe</li> </ul>
	<ul style="list-style-type: none"> <li>• Plan and Conduct a Simple Investigation</li> <li>• Sequence</li> </ul>
<b>HANDS-ON INQUIRY AND APPLICATION</b>	
<ul style="list-style-type: none"> <li>• “Make a Food Chain” (Flipchart page 22, TE pages 173D, 175A)</li> <li>• “Plan for Pets” (Flipchart page 22, TE pages 173E, 175A)</li> <li>• “What is a Terrarium?” (Flipchart page 23, TE pages 173F, 189A-190)</li> <li>• “Clay in a Tray” (Flipchart page 25, TE pages 197D, 199A)</li> <li>• “Do People Eat Plants?” (Flipchart page 25, TE pages 197D, 199A)</li> <li>• “Pass the Salt” (Flipchart page 29, TE pages 197H, 225A)</li> <li>• “Water Watch” (Flipchart page 29, TE pages 197H, 225A)</li> </ul>	<p>Differentiated Inquiry</p> <ul style="list-style-type: none"> <li>• Unit 5, TE page 190A                             <ul style="list-style-type: none"> <li>○ Suggest Changes to a Terrarium (Easy)</li> <li>○ Observe Pill Bugs (Average)</li> <li>○ Study Pill Bug Habits (Challenging)</li> <li>○ Compare Animal Environments (Challenging)</li> </ul> </li> </ul>

ASSESSMENTS/PROGRESS MONITORING	ASSESSMENT GUIDE
<ul style="list-style-type: none"> <li>• Sum it Up               <ul style="list-style-type: none"> <li>○ Unit 5, Lesson 1 - SE page 184, TE page 184</li> <li>○ Unit 6, Lesson 1 - SE page 206, TE page 206</li> <li>○ Unit 6, Lesson 5 - SE page 234, TE page 234</li> </ul> </li> <li>• Brain Check and Apply Concepts               <ul style="list-style-type: none"> <li>○ Unit 5, Lesson 1 - SE pages 185-186, TE pages 185-186</li> <li>○ Unit 6, Lesson 1 - SE page 27-208, TE page 207-208</li> <li>○ Unit 6, Lesson 5 - SE pages 235-236, TE pages 235-236</li> </ul> </li> <li>• Unit 5 Review - TE pages 193A-196</li> <li>• Unit 5 Short Option Performance Assessment - TE page 195</li> </ul>	<ul style="list-style-type: none"> <li>• Lesson Quiz               <ul style="list-style-type: none"> <li>○ Unit 5, Lesson 1 - page AG 47</li> <li>○ Unit 5, Lesson 2 - page AG 48</li> <li>○ Unit 6, Lesson 1 - page AG 56</li> <li>○ Unit 6, Lesson 5 - page AG 60</li> </ul> </li> <li>• Unit 5 Test and Performance Task with Long Option Rubric - pages AG 49- AG 55</li> </ul>
<b>ACADEMIC CONNECTIONS TO OTHER DISCIPLINES: ELA</b>	
<p>Journeys</p> <ul style="list-style-type: none"> <li>• Writing Connection - TE page 179</li> <li>• Writing Connection - TE page 182</li> <li>• Make Connections - TE page 186A           <ul style="list-style-type: none"> <li>○ Writing Connection - Write a Riddle (Easy)</li> </ul> </li> <li>• Writing Connection - TE page 187</li> <li>• Writing Connection - TE page 203</li> </ul> <p><i>Journeys Connections:</i></p> <p>Lesson 7</p> <ul style="list-style-type: none"> <li>• Whole Group: Read Aloud Book: Prairie Dog (T112)</li> <li>• Whole Group: Anchor Text: How Animals Communicate (T122)</li> <li>• Whole Group: Informational Text: Insect Messages (T160)</li> <li>• Small Group: Vocabulary Reader: Animal Talk (T182)</li> <li>• Small Group: Struggling Reader: Dogs (T188)</li> <li>• Small Group: On Level Reader: Animals at Night (T189)</li> <li>• Small Group: Advanced Reader: Dog Talk (T190)</li> </ul> <p>Lesson 11</p> <ul style="list-style-type: none"> <li>• Whole Group: Anchor Text: At Home in the Ocean (T24)</li> <li>• Small Group: Vocabulary Reader: Shark (T84)</li> <li>• Small Group: Struggling Reader: In the Sea (T90)</li> <li>• Small Group: On Level Reader: Coral Reefs (T91)</li> <li>• Small Group: Advanced Reader: The Amazing Octopus (T92)</li> </ul> <p>Lesson 12</p> <ul style="list-style-type: none"> <li>• Small Group: Vocabulary Reader: Spots (T184)</li> </ul> <p>Lesson 13</p> <ul style="list-style-type: none"> <li>• Whole Group: Read Aloud: The Prickly Pride of Texas (T212)</li> <li>• Whole Group: Anchor Text: Seasons (T222)</li> <li>• Whole Group: Informational Text: Four Seasons for Animals (T262)</li> <li>• Small Group: Vocabulary Reader: Ducks (T288)</li> <li>• Small Group: Struggling Reader: Winter (T294)</li> <li>• Small Group: On Level Readers: Fall Changes (T295)</li> <li>• Small Group: Advanced Reader: Seasons Around the World (T296)</li> </ul> <p>Lesson 14</p> <ul style="list-style-type: none"> <li>• Small Group: Vocabulary Reader: Desert Animals (T390)</li> </ul> <p>Lesson 15</p> <ul style="list-style-type: none"> <li>• Whole Group: Anchor Text: Animal Groups (T428)</li> <li>• Small Group: Vocabulary Reader: Animals (T494)</li> <li>• Small Group: Struggling Reader: Making a Home (T500)</li> <li>• Small Group: On Level Reader: All About Bats (T501)</li> <li>• Small Group: Advanced Reader: Bald Eagles (T502)</li> </ul> <ul style="list-style-type: none"> <li>• Make Connections - TE page 208A           <ul style="list-style-type: none"> <li>○ Writing Connection - Write a Natural Resource Poem (Challenging)</li> </ul> </li> <li>• Writing Connection - TE page 230</li> <li>• Make Connections - TE page 236A           <ul style="list-style-type: none"> <li>○ Writing Connection - Write About Water Fun (Easy)</li> </ul> </li> </ul> <p>Lesson 16</p> <ul style="list-style-type: none"> <li>• Small Group: Advanced Reader: Living and Working in Space (T96)</li> </ul> <p>Lesson 18</p> <ul style="list-style-type: none"> <li>• Whole Group: Anchor Text: Where Does Food Come From? (T228)</li> <li>• Whole Group: Fairy Tale: Jack &amp; the Beanstalk (T270)</li> <li>• Small Group: Vocabulary Reader: My Favorite Foods (T292)</li> <li>• Small Group: Struggling Reader: Apples (T298)</li> <li>• Small Group: On Level Reader: Food for You (T299)</li> <li>• Small Group: Advanced Reader: A World of Food (T300)</li> </ul> <p>Lesson 21</p> <ul style="list-style-type: none"> <li>• Whole Group: Informational Text: Garden Good Guys (T62)</li> <li>• Small Group: Vocabulary Reader: Trees (T84)</li> </ul> <p>Lesson 22</p> <ul style="list-style-type: none"> <li>• Whole Group: Anchor Text: Amazing Animals (T122)</li> <li>• Small Group: Vocabulary Reader: Baby Birds (T184)</li> <li>• Small Group: Struggling Reader: Animal Homes (T190)</li> <li>• Small Group: On Level Reader: Kangaroos (T191)</li> <li>• Small Group: Advanced Reader: How Animals Move (T192)</li> </ul> <p>Lesson 23</p> <ul style="list-style-type: none"> <li>• Whole Group: Connect to Topic: Pet Poems (T264)</li> </ul> <p>Lesson 24</p> <ul style="list-style-type: none"> <li>• Whole Group: Teacher Read Aloud: Visiting Butterflies (T314)</li> <li>• Whole Group: Anchor Text: A Tree is a Plant (T324)</li> <li>• Whole Group: Informational Text: Grow, Apples, Grow (T368)</li> <li>• Small Group: Vocabulary Reader: Worms (T390)</li> <li>• Small Group: Struggling Reader: An Acorn Grows (T396)</li> <li>• Small Group: On Level Reader: From Pit to Plum (T397)</li> <li>• Small Group: Advanced Reader: The Story of a Rose (T398)</li> </ul> <p>Lesson 29</p> <ul style="list-style-type: none"> <li>• Small Group: Vocabulary Reader: Butterflies (T386)</li> </ul>	

## ACADEMIC CONNECTIONS TO OTHER DISCIPLINES: MATH

## Math Expressions

- Math Connection - TE page 177
- *Math Expressions Connections:*
  - Unit 4 Lesson 3: Represent and Compare Teen Numbers MX TE page 290
  - Unit 4 Lesson 12: Use Place Value to Compare Numbers MX TE pages 348-350
  - Unit 4 Lesson 16: Practice with 2-Digit Numbers MX TE pages 374-376
  - Unit 4 Lesson 18: Focus on Mathematical Practices MX TE page 387
  - Unit 8 Lesson 6: Focus on Mathematical Practices MX TE page 697
- Math Connection - TE page 204
- *Math Expressions Connections:*
  - Unit 6 Lesson 1: Explore Representing Data MX TE pages 490-492
  - Unit 6 Lesson 2: Organize Categorical Data MX TE pages 496-500
  - Unit 6 Lesson 3: Use Stair Steps to Represent Data MX TE pages 504-506
  - Unit 6 Lesson 4: Data Sets with Three Categories MX TE pages 510-512
  - Unit 6 Lesson 5: Data Collecting MX TE pages 516-519
- Make Connections - TE page 208A
- Math Connection - Solve a Math Problem (Easy)
- *Math Expressions Connections:*
  - Unit 2 Lesson 6: Addition Strategies: Counting On MX TE pages 110-114
  - Unit 2 Lesson 7: Count On from the Greater Number MX TE pages 118-120
  - Unit 2 Lesson 9: Practice Counting On MX TE page 130
  - Unit 2 Lesson 11: Subtraction with Drawings and Equations MX TE pages 142-144
  - Unit 2 Lesson 12: Practice with Subtraction MX TE pages 148-150
  - Unit 3 Lesson 1: Explore Unknowns MX TE pages 186-190
  - Unit 3 Lesson 6: Subtraction Strategies MX TE pages 220-224
  - Unit 4 Lesson 4: Visualize Teen Addition MX TE pages 294-298
  - Unit 4 Lesson 5: Teen Addition Strategies MX TE pages 302-306
  - Unit 4 Lesson 6: Investigate Doubles MX TE pages
  - Unit 4 Lesson 10: Add with Groups of Ten MX TE pages 336-340
  - Unit 4 Lesson 13: Add Tens or Ones MX TE pages 354-356
  - Unit 4 Lesson 14: Mixed Addition with Tens and Ones MX TE pages 360-364
  - Unit 4 Lesson 15: Counting On Strategy: 2-Digit Numbers MX TE pages 368-370
  - Unit 4 Lesson 16: Practice with 2-Digit Numbers MX TE pages 374, 376
  - Unit 4 Lesson 17: 2-Digit Addition Games MX TE pages 380-382
  - Unit 5 Lesson 2: Subtraction with Teen Numbers MX TE pages 406-411
  - Unit 5 Lesson 3: Mixed Practice with Teen Problems MX TE pages 414-418
  - Unit 5 Lesson 4: Small Group Practice with Teen Problems MX TE pages 422-426
  - Unit 5 Lesson 5: Teen Problems with Various Unknowns MX TE pages 430-434
  - Unit 5 Lesson 7: Count with Groups of 10 MX TE pages 446-448
- Math Connection - TE page 229
- Math Connection - TE page 232
- *Math Expressions Connections:*
  - Unit 3 Lesson 6: Subtraction Strategies MX TE pages 220-224
  - Unit 3 Lesson 7: Subtraction Stories and Games MX TE pages 228-229
  - Unit 3 Lesson 8: Practice with Subtraction Stories MX TE pages 234-238
  - Unit 3 Lesson 11: Practice with Mixed Problems MX TE pages 256-258
- Make Connections - TE page 236A
- Math Connection - Compare River Lengths (Average)
- *Math Expressions Connections:*
  - Unit 7 Lesson 12: Order by Length MX TE pages 636-638