

**SUGGESTED PACING**

**STRAND: LIFE SCIENCE (LS)**

**Topic: Physical and Behavioral Traits of Living Things**

This topic focuses on observing, exploring, describing and comparing living things in Ohio.

**Content Statements:** Living things are different from non-living things.

- Living things have physical traits and behaviors, which influence their survival.
- Living things are made up of a variety of structures. Some of these structures and behaviors influence their survival.

**PRINT RESOURCES**

*ScienceFusion*

Unit 2, Lesson 6 (TE pages 56-64)

- Big Book of Science Vocabulary (page 6)
- Science Songs CD, Track 1-2
- Picture Sorting Cards 10, 13, 16, 23, 26, 28, 32, 38

Unit 2, Lesson 7 (TE pages 66-73)

- Big Book of Science Vocabulary (page 7)
- Big Book of Science Songs and Rhymes (page 24)
- Picture Sorting Cards 9, 14, 18, 26, 32, 33, 34, 35, 36, 37

Unit 2, Lesson 8 (TE pages 74-81)

- Big Book of Science Vocabulary (page 8)
- Big Book of Science Songs and Rhymes (page 20)
- Science Songs CD, Track 3
- Picture Sorting Cards 9, 11, 21-30
- Science and Engineering Leveled Readers
  - On-Level/Below Level - *What Can We Learn About Animals?*
  - Above Level - *Animal Groups*

Unit 3, Lesson 11 (TE pages 90-97, 98-105, 106-113, 114-121)

- Big Book of Science Vocabulary (page 5, 9-12)
- Big Book of Science Songs and Rhymes (page 21, 23)
- Science Songs CD, Track 4
- Picture Sorting Cards 49-51, 52-54
- Science and Engineering Leveled Readers
  - On-Level/Below Level - *What Are Plants?*
  - Above Level - *Inside a Seed*

*ScienceFusion cont.*

Unit 3, Lesson 12 (TE pages 114-121)

- Big Book of Science Vocabulary (page 12)
- Picture Sorting Cards 51-54

Unit 4, Lesson 13 (TE pages 130-137)

- Big Book of Science Vocabulary (page 13)
- Science Songs CD, Track 6
- Picture Sorting Cards 31, 36, 37, 43, 44, 47

Unit 4, Lesson 14 (TE pages 138-145)

- Big Book of Science Vocabulary (page 14)
- Big Book of Science Songs and Rhymes (page 8)
- Science Songs CD, Track 5
- Picture Sorting Cards 9, 14, 17, 18, 32, 36, 37, 38

**DIGITAL RESOURCES**

*ScienceFusion*

- Unit 2, Lesson 6 Digital Lesson
- Unit 2, Lesson 7 Digital Lesson
- Unit 3, Lesson 11 Digital Lesson
- Unit 3, Lesson 12 Digital Lesson
- Unit 4, Lesson 13 Digital Lesson
- Unit 4, Lesson 14 Digital Lesson

**SCIENCE AND ACADEMIC VOCABULARY**

Adult Plant, Air, Feathers, Flower, Food, Fur, Habitat, Scales, Seedling, Seeds, Shelter, Sprout, Water

**DIFFERENTIATION**

Basic (Extra Support)

- TE pages 64, 72, 120, 144

Advanced (Enrichment)

- TE pages 64, 72, 120, 144
- Trade Book Reading - TE page 39, 129

**FIELD EXPERIENCE CONNECTIONS**

<b>INQUIRY SKILLS</b>	
<ul style="list-style-type: none"> <li>• Communicate</li> </ul>	<ul style="list-style-type: none"> <li>• Compare</li> </ul>
<ul style="list-style-type: none"> <li>• Observe</li> </ul>	<ul style="list-style-type: none"> <li>• Predict</li> </ul>
<ul style="list-style-type: none"> <li>• Sequence</li> </ul>	
<b>HANDS-ON INQUIRY AND APPLICATION</b>	
<ul style="list-style-type: none"> <li>• “Sort Animals” (Flipchart page 5, TE pages 36, 63)</li> <li>• “What Does Our Pet Need?” (TE pages 36, 71)</li> <li>• “Observe a Plant’s Needs” (Flipchart page 6, TE pages 86, 103)</li> <li>• “Make a Model Terrarium” (Flipchart page 9, TE pages 126, 135)</li> <li>• Tell About Animals and Plants” (Flipchart page 10, TE page 126, 143)</li> </ul>	
<b>ASSESSMENTS/PROGRESS MONITORING</b>	
<ul style="list-style-type: none"> <li>• Sum it Up                             <ul style="list-style-type: none"> <li>○ Unit 2, Lesson 6 - SE page 26, TE page 62</li> <li>○ Unit 2, Lesson 7 - SE page 30, TE page 70</li> <li>○ Unit 3, Lesson 12 - SE page 50, TE page 118</li> <li>○ Unit 4, Lesson 13 - SE page 54, TE page 134</li> <li>○ Unit 4, Lesson 14 - SE page 58, TE page 142</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Unit 4 Wrap-Up - TE page 146</li> <li>• Unit 4 Performance Assessment - TE page 146</li> </ul>
<b>ACADEMIC CONNECTIONS TO OTHER DISCIPLINES</b>	
<p>ELA: Journeys</p> <ul style="list-style-type: none"> <li>• Make Connections - TE page 465                             <ul style="list-style-type: none"> <li>○ Writing - Write Riddles</li> </ul> </li> <li>• Make Connections - TE page 73                             <ul style="list-style-type: none"> <li>○ Language Arts - Play an Animal Memory Game</li> </ul> </li> <li>• Make Connections - TE page 120-121                             <ul style="list-style-type: none"> <li>○ Drama - Recite an Action Rhyme</li> <li>○ Drama - Act Out How a Seed Sprouts</li> </ul> </li> </ul>	<p>ELA: Journeys <i>cont.</i></p> <ul style="list-style-type: none"> <li>• Make Connections - TE page 136-137                             <ul style="list-style-type: none"> <li>○ Writing - Write a Habitat Story</li> <li>○ Language Arts - Complete Sentence Frames</li> </ul> </li> <li>• Make Connections - TE page 144-145                             <ul style="list-style-type: none"> <li>○ Writing - Write an Illustrated Response</li> <li>○ Language Arts - Write a Poem</li> </ul> </li> </ul>
<b>JOURNEYS CONNECTIONS</b>	
<ul style="list-style-type: none"> <li>• Lesson 14, Whole Group: Read Aloud Book: Home for a Tiger, Home for a Bear (T296)</li> <li>• Lesson 14, Whole Group: Big Book: Turtle Splash! (T318)</li> <li>• Lesson 14, Whole Group: Informational Text: Where Animals Live (T344)</li> <li>• Lesson 14, Small Group: Vocabulary Reader: How Many Ducks? (T362)</li> <li>• Lesson 14, Small Group: Struggling Reader: At the Pond (T368)</li> <li>• Lesson 14, Small Group: On Level Reader: Splash! (T369)</li> <li>• Lesson 14, Small Group: Advanced Reader: Look in the Woods (T370)</li> <li>• Lesson 16, Whole Group: Read Aloud Book: Dear Mr. Blueberry (T14)</li> <li>• Lesson 16, Whole Group: Big Book: What is Science? (T36)</li> <li>• Lesson 16, Small Group: Struggling Reader: Animals in the Woods (T86)</li> <li>• Lesson 16, Small Group: On Level Reader: My Yard (T87)</li> <li>• Lesson 16, Small Group: Advanced Reader: In the Tree (T88)</li> <li>• Lesson 17, Whole Group: Big Book: From Caterpillar to Butterfly (T130)</li> <li>• Lesson 17, Small Group: Vocabulary Reader: Bugs! (T174)</li> <li>• Lesson 17, Small Group: Struggling Reader: Bug Parts (T180)</li> <li>• Lesson 17, Small Group: On Level Reader: Find the Bug (T181)</li> <li>• Lesson 17, Small Group: Advanced Reader: Rosie &amp; the Bug Jar (T182)</li> <li>• Lesson 18, Small Group: Struggling Reader: The Sea (T274)</li> <li>• Lesson 18, Small Group: On Level Reader: Let’s Swim (T275)</li> <li>• Lesson 18, Small Group: Advanced Reader: Be the Sea (T276)</li> <li>• Lesson 19, Small Group: On Level Reader: Summer Camp (T369)</li> <li>• Lesson 20, Small Group: Vocabulary Reader: Curious About the Animal Park (T456)</li> <li>• Lesson 20, Small Group: Struggling Reader: Curious George Visits Animal Friends (T462)</li> <li>• Lesson 20, Small Group: On Level Reader: Curious George and the Hungry Animals (T463)</li> <li>• Lesson 20, Small Group: Advanced Reader: Curious George Visits the Woods (T464)</li> <li>• Lesson 22, Whole Group: Read Aloud Book: A Tiger Grows Up (T108)</li> <li>• Lesson 22, Whole Group: Informational Text: <i>What Can a Baby Animal Do?</i> (T156)</li> </ul>	

ACADEMIC CONNECTIONS TO OTHER DISCIPLINES *cont.**JOURNEYS CONNECTIONS cont.*

- Lesson 23, Whole Group: Read Aloud Book: Oscar and the Frog (T202)
- Lesson 23, Whole Group: Big Book: Zinnia's Flower Garden (T224)
- Lesson 23, Whole Group: Informational Text: Growing Sunflowers (T250)
- Lesson 23, Small Group: Vocabulary Reader: The Flower (T268)
- Lesson 23, Small Group: Struggling Reader: The Vegetable Garden: (T274)
- Lesson 23, Small Group: On Level Reader: In the Garden (T275)
- Lesson 23, Small Group: Advanced Reader: *A City Garden* (T276)
- Lesson 24, Whole Group: Read Aloud Book: Red Eyes or Blue Feathers (T296)
- Lesson 24, Whole Group: Big Book: Chameleon, Chameleon (T318)
- Lesson 24, Whole Group: Informational Text: Amazing Animal Bodies (T344)
- Lesson 24, Small Group: Vocabulary Reader: The Lion (T362)
- Lesson 24, Small Group: Struggling Reader: *Bugs for Dinner* (T368)
- Lesson 24, Small Group: On Level Reader: *Feeding Our Pets* (T369)
- Lesson 24, Small Group: Advanced Reader: *What Animals Eat* (T370)
- Lesson 25, Whole Group: Big Book: *Pie in the Sky* (T412)

## MATH: Math Expressions

- Make Connections - TE pages 46
- Math - Identify Living and Nonliving Things
- *Math Expressions Connections:*
  - Unit 1 Lesson 11: Count from 1 to 10 MX TE pages 55-58
  - Unit 1 Lesson 12: Objects and Numbers Through 10 MX TE pages 59-64
  - Unit 1 Lesson 13: Practice Numbers 1-10 MX TE pages 65-68
- Make Connections - TE pages 64
- Math - Make an Animal Picture Graph
- Make Connections - TE pages 72
- Math - Solve Problems About Feeding Pets
- *Math Expressions Connections:*
  - Unit 5 Lesson 22: Compare Weight and Capacity MX TE pages 561-564
  - Unit 5 Lesson 23: Focus on Mathematical Practices MX TE pages 317-322
- Make Connections - TE pages 120-121
- Math - Make a Plant-Growth Chart
- *Math Expressions Connections:*
  - Unit 5 Lesson 21: Compare Length and Compare Height MX TE pages 557-560
  - Unit 5 Lesson 23: Focus on Mathematical Practices MX TE pages 317-322
- Math - Count the Number of Sprouts
- *Math Expressions Connections:*
  - Unit 1 Lesson 11: Count from 1 to 10 MX TE pages 55-58
  - Unit 1 Lesson 12: Objects and Numbers Through 10 MX TE pages 59-64
  - Unit 1 Lesson 13: Practice Numbers 1-10 MX TE pages 65-68
  - Unit 1 Lesson 14: Number of Objects in a Group MX TE pages 69-76
  - Unit 1 Lesson 15: Objects and Numbers Through 10 MX TE pages 77-80
  - Unit 1 Lesson 17: More Objects and Numbers Through 10 MX TE pages 87-90
  - Unit 1 Lesson 18: Focus on Mathematical Practices MX TE pages 91-96
  - Unit 2 Lesson 1: Find Numbers 1-10: Neighborhood Scene MX TE pages 103-108