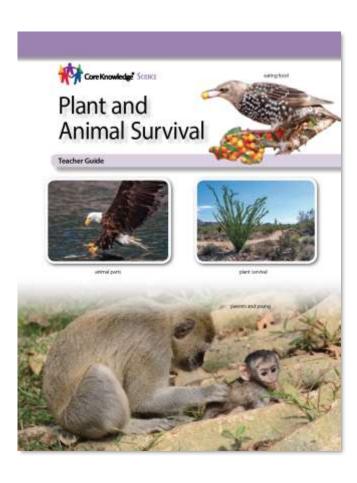


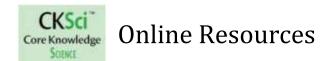
Online Resources

Plant and Animal Survival

Click on each lesson to access its online resources. Page numbers refer to pages in the Teacher Guide. Some links provide access to files created by the Core Knowledge Foundation, including PDF documents that you can download and view with the appropriate software ((such as Adobe Acrobat Reader DC).

	About this Unit
Unit Opener	<u>Unit Opener</u>
Lesson 1	Segment 1
	Segment 2
	Segment 3
	Segment 4
	Segment 5
Lesson 2	Segment 1
	Segment 2
	Segment 3
	Segment 4
	Segment 5
Lesson 3	Segment 1
	Segment 2
	Segment 3
	Segment 4
	Segment 5
Lesson 4	Segment 1
	Segment 2
	Segment 3
	Segment 4
Unit	Unit Capstone
Capstone	
Unit	Unit Supplement
Supplement	
	Teacher Resources

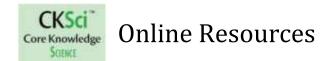




About this Unit

Page	Resource Links
2	 Note to Teachers and Curriculum Planners The learning progressions of Disciplinary Core Ideas LS1.A, LS1.B, LS1.D, LS3.A, and LS3.B offers guidance regarding the scope and sequence of learning about the structure and function of living things as well as how living things process information in the elementary grades and beyond. Learn more about this core idea and its related content by reading the corresponding section of A Framework for K-12 Science Education. See also the Teachers Resources section of this guide. To see an overview of the entire Core Knowledge Science program, visit this page!
10	Recommended Science Trade books
12	NGSS References • DCI • CCC • SEP
13	Resources for Effective and Safe Classroom Activities
14	Materials Supply List: Grade 1 Unit 2 Plant and Animal Survival

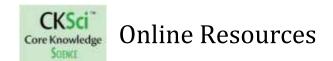
← <u>Table of Contents</u> Next Lesson →



Unit Opener

Page	Resource Links
19	Disciplinary Core Idea:
	LS1.A Structure and Function
	 From the Framework: Pages 144–145
	Science and Engineering Practice: 1 Asking Questions and Defining Problems
	From the Framework:
	<u>Pages 54–56</u>
	Crosscutting Concept: 6 Structure and Function
	 From the Framework: Pages 96–98

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



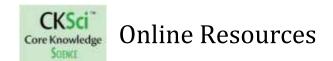
Lesson 1 Opener

Page	Resource Links
31	NGSS References
	• <u>DCI</u>
	• <u>CCC</u>
	• <u>SEP</u>

Lesson 1, Segment 1

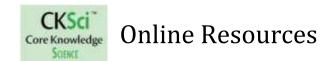
Page	Resource Links
32	Disciplinary Core Idea:
	LS1.A Structure and Function
	From the Framework:
	<u>Pages 144–145</u>
	Science and Engineering Practice: 1 Asking Questions and Defining Problems
	 From the Framework: Pages 54–56
	 Crosscutting Concept: 6 Structure and Function From the Framework: Pages 96–98

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



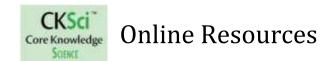
Page	Resource Links
38	Disciplinary Core Idea: LS1.A Structure and Function • From the Framework:
	Pages 144–145 Science and Engineering Practice: 6 Constructing Explanations and Designing Solutions • From the Framework: Pages 67–71
	Crosscutting Concept: 6 Structure and Function • From the Framework: Pages 96–98

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



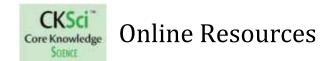
Page	Resource Links
49	Disciplinary Core Idea: LS1.A Structure and Function • From the Framework: Pages 144–145
	Crosscutting Concept: 6 Structure and Function • From the Framework: Pages 96–98

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



Page	Resource Links
57	Disciplinary Core Idea: LS1.A Structure and Function • From the Framework: Pages 144–145
	Science and Engineering Practice: 6 Constructing Explanations and Designing Solutions • From the Framework: Pages 67–71
	Crosscutting Concept: 6 Structure and Function • From the Framework: Pages 96–98
66	[VIDEO] How Sharks Breathe

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



Page	Resource Links
77	Performance Expectation: • 1-LS1-1 Evidence Statements for 1-LS1-1
	Disciplinary Core Idea: LS1.A Structure and Function • From the Framework: Pages 144–145
	Science and Engineering Practice: 6 Constructing Explanations and Designing Solutions • From the Framework: Pages 67–71
	Crosscutting Concept: 6 Structure and Function • From the Framework: Pages 96–98
	Connection to Engineering, Technology and Applications of Science Influence of Engineering, Technology, and Science on Society and the Natural World

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



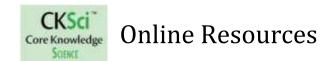
Online Resources Lesson 2 Opener

Page	Resource Links
85	NGSS References
	DCICCC
	• <u>SEP</u>

Lesson 2, Segment 1

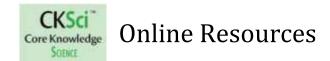
Page	Resource Links
86	Disciplinary Core Idea:
	LS1.A Structure and Function
	From the Framework:
	<u>Pages 144–145</u>
	Science and Engineering Practice: 1 Asking Questions and Defining Problems
	 From the Framework: Pages 54–56
	Crosscutting Concept: 6 Structure and Function
	 From the Framework: Pages 96–98

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



Page	Resource Links
96	Disciplinary Core Idea: LS1.A Structure and Function • From the Framework:
	Pages 144–145 Science and Engineering Practice: 1 Asking Questions and Defining Problems • From the Framework: Pages 54–56
	Crosscutting Concept: 6 Structure and Function • From the Framework: Pages 96–98

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



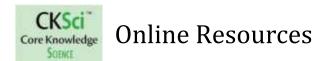
Page	Resource Links
103	Disciplinary Core Idea:
	LS1.A Structure and Function
	From the Framework:
	<u>Pages 144–145</u>
	Science and Engineering Practice: 1 Asking Questions and Defining Problems
	 From the Framework: Pages 54–56
	Crosscutting Concept: 6 Structure and Function
	 From the Framework: Pages 96–98

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



Page	Resource Links
111	Disciplinary Core Idea: LS1.A Structure and Function • From the Framework: Pages 144–145
	Science and Engineering Practice: 1 Asking Questions and Defining Problems • From the Framework: Pages 54–56
	Crosscutting Concept: 6 Structure and Function • From the Framework: Pages 96–98
121	[VIDEO]Octopus Spraying Ink The original video is no longer available. We have replaced it with another. You will need to adjust your lesson plan accordingly.
130	[VIDEO]Venus Flytrap [VIDEO]Vines

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



Page	Resource Links
133	Performance Expectation: • 1-LS1-1
	Evidence Statements for 1-LS1-1 Disciplinary Core Idea:
	LS1.A Structure and Function ■ From the Framework: Pages 144–145
	Science and Engineering Practice: 6 Constructing Explanations and Designing Solutions
	 From the Framework: Pages 67-71
	 Crosscutting Concept: 6 Structure and Function From the Framework: Pages 96–98
	Connection to Engineering, Technology and Applications of Science
	<u>Influence of Engineering, Technology, and Science on</u> <u>Society and the Natural World</u>

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



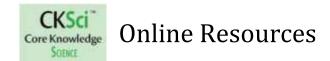
Lesson 3 Opener

Page	Resource Links
141	NGSS References
	• DCI
	• <u>CCC</u> • <u>SEP</u>

Lesson 3, Segment 1

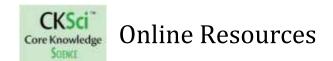
Page	Resource Links
142	Disciplinary Core Ideas:
	LS3.A Inheritance of Traits
	 From the Framework:
	Pages 158–159
	LS3.B Variation of Traits
	 From the Framework:
	<u>Pages 160–161</u>
	Science and Engineering Practice: 1 Asking Questions and Defining Problems
	 From the Framework: Pages 54–56
	Crosscutting Concept: 1 Patterns
	 From the Framework: Pages 85–87

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



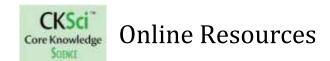
Page	Resource Links
150	 Disciplinary Core Idea: LS3.B <i>Variation of Traits</i> From the Framework: Pages 160–161
	Science and Engineering Practice: 1 Asking Questions and Defining Problems • From the Framework: Pages 54–56
	Crosscutting Concept: 1 Patterns • From the Framework: Pages 85–87

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



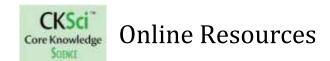
Page	Resource Links
155	Disciplinary Core Ideas:
	LS3.A Inheritance of Traits
	 From the Framework:
	<u>Pages 158–159</u>
	LS3.B Variation of Traits
	From the Framework:
	<u>Pages 160–161</u>
	Science and Engineering Practice: 1 Asking Questions and Defining Problems
	 From the Framework: Pages 54–56
	Crosscutting Concept: 1 Patterns
	• From the Framework: <u>Pages 85–87</u>

← <u>Table of Contents</u> <u>Next Lesson</u>



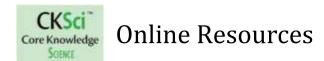
Page	Resource Links
160	Disciplinary Core Ideas:
	LS3.A Inheritance of Traits
	 From the Framework:
	Pages 158–159
	LS3.B Variation of Traits
	From the Framework:
	<u>Pages 160–161</u>
	Science and Engineering Practice: 1 Asking Questions and Defining Problems
	 From the Framework: Pages 54–56
	Crosscutting Concept: 1 Patterns
	 From the Framework: Pages 85–87
173	[VIDEO] <u>Lion Cubs</u>

← <u>Table of Contents</u> <u>Next Lesson</u>



Page	Resource Links
174	Performance Expectation:
	• <u>1-LS3-1</u>
	Evidence Statements for 1-LS3-1
	Disciplinary Core Ideas:
	LS3.A Inheritance of Traits
	From the Framework:
	Pages 158–159
	LS3.B Variation of Traits
	From the Framework:
	<u>Pages 160–161</u>
	Science and Engineering Practice: 6 Constructing Explanations and Designing Solutions
	 From the Framework: Pages 67–71
	Crosscutting Concept: 1 Patterns
	 From the Framework:
	<u>Pages 85–87</u>

← Table of Contents Next Lesson



Lesson 4 Opener

Page	Resource Links
181	NGSS References
	• DCI
	• <u>CCC</u> • <u>SEP</u>

Lesson 4, Segment 1

Page	Resource Links
182	Disciplinary Core Idea: LS1.B Growth and Development of Organisms • From the Framework: Pages 145–147
	Science and Engineering Practice: 1 Asking Questions and Defining Problems • From the Framework: Pages 54–56
185	[IMAGES] Chimpanzee and Young Bird and Young Lioness and Young Elephant and Young Zebra and Young

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



Page	Resource Links
187	Disciplinary Core Idea: LS1.B <i>Growth and Development of Organisms</i> • From the Framework: Pages 145–147
	Science and Engineering Practice: 8 Obtaining, Evaluating, and Communicating Information • From the Framework: Pages 74–77
	Crosscutting Concept: 1 Patterns◆ From the Framework:Pages 85–87
188	[VIDEO] Feeding behaviors: Baby Birds Being Fed Penguin Chick Being Fed Polar Bear Cub Being Fed
	Protecting behaviors: Baby Kangaroo in Pouch Two Baby Kangaroos in Mom's Pouch Elephants Herding Lioness Carries Cub
	Comforting behaviors: <u>Baby Orangutan Cuddling</u> <u>Gorilla Mom and New Baby</u>
	Cleaning/Grooming behaviors: Mother Monkey Cleaning Baby's Fur Mother Cat Grooming Kittens
	Teaching behaviors: <u>Giraffe Teaching Baby to Walk</u>

← <u>Table of Contents</u> Next Lesson →



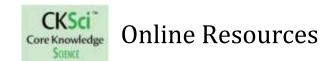
Page	Resource Links
193	Performance Expectation: • 1-LS1-2
	Evidence Statements for 1-LS1-2
	Disciplinary Core Idea: LS1.B Growth and Development of Organisms
	 From the Framework: Pages 145–147
	Science and Engineering Practice: 8 Obtaining, Evaluating, and Communicating Information
	 From the Framework: Pages 74–77
	Crosscutting Concept: 1 Patterns
	 From the Framework: Pages 85–87

 \leftarrow <u>Table of Contents</u> <u>Next Lesson</u> \rightarrow



Page	Resource Links
199	Performance Expectation:
	• <u>1-LS1-2</u>
	Evidence Statements for 1-LS1-2
	Disciplinary Core Ideas:
	LS1.A Structure and Function
	 From the Framework: Pages 143–145
	LS1.B Growth and Development of Organisms
	 From the Framework: Pages 145–147
	Science and Engineering Practice: 8 Obtaining, Evaluating, and Communicating Information
	 From the Framework: Pages 74–77
	Science and Engineering Practices:
	1 Asking Questions and Defining Problems
	From the Framework:
	<u>Pages 54–56</u>
	2 Cause and Effect
	From the Framework:
	<u>Pages 87–89</u>
208	[VIDEO]Baby Birds

← <u>Table of Contents</u> <u>Unit Capstone</u> →



Unit Capstone

Page	Resource Links
216	Performance Expectations:
	• <u>1-LS1-1</u>
	Evidence Statements for 1-LS1-1
	• <u>1-LS1-2</u>
	Evidence Statements for 1-LS1-2
	• <u>1-LS3-1</u>
	Evidence Statements for 1-LS3-1
	Disciplinary Core Ideas:
	LS1.A Structure and Function
	 From the Framework:
	Pages 143–145
	LS1.B Growth and Development of Organisms
	• From the Framework:
	<u>Pages 145–147</u>
	LS1.D Information Processing
	 From the Framework: Pages 149–150
	LS3.A Inheritance of Traits
	• From the Framework:
	Pages 158–159
	LS3.B Variation of Traits
	From the Framework:
	• Pages 160–161
	Science and Engineering Practices:
	6 Constructing Explanations and Designing Solutions
	From the Framework:
	<u>Pages 67–71</u>
	8 Obtaining, Evaluating, and Communicating
	Information
	From the Framework:



Online Resources

Pages 74-77

Crosscutting Concepts:

1 Patterns

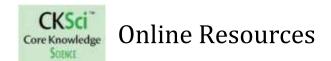
• From the Framework: Pages 85–87

6 Structure and Function

• From the Framework: Pages 96–98

← Table of Contents

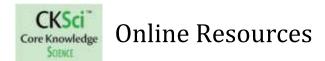
Unit Supplement →



Unit Supplement

Page	Resource Links
222	Science and Engineering Practice: 6 Constructing Explanations and Designing Solutions
	 From the Framework:
	<u>Pages 67–71</u>
	Understandings About the Nature of Science
	 Science Is a Way of Knowing
	 <u>Scientific Investigations Use a Variety of Methods</u>
	Connection to Engineering, Technology and
	Applications of Science
	 <u>Influence of Engineering, Technology, and</u> <u>Science on Society and the Natural World</u>

← <u>Table of Contents</u> <u>Teacher Resources</u> →



Teacher Resources

Page	Resource Links
13	Resources for Effective and Safe Classroom Activities
14	Materials Supply List: Grade 1 Unit 2 Plant and Animal Survival
272	Activity Pages Answer Key
277	Safety in the Science Classroom: • NSTA Safety Resources • Safety Resources for Elementary Teachers
	 Teacher Guide Appendices: Appendix A: Glossary Appendix B: Safety for Activities Appendix C: Strategies for Acquiring Materials Appendix D: Advance Preparation Appendix E: Unexpected Activity Results

← <u>Table of Contents</u>