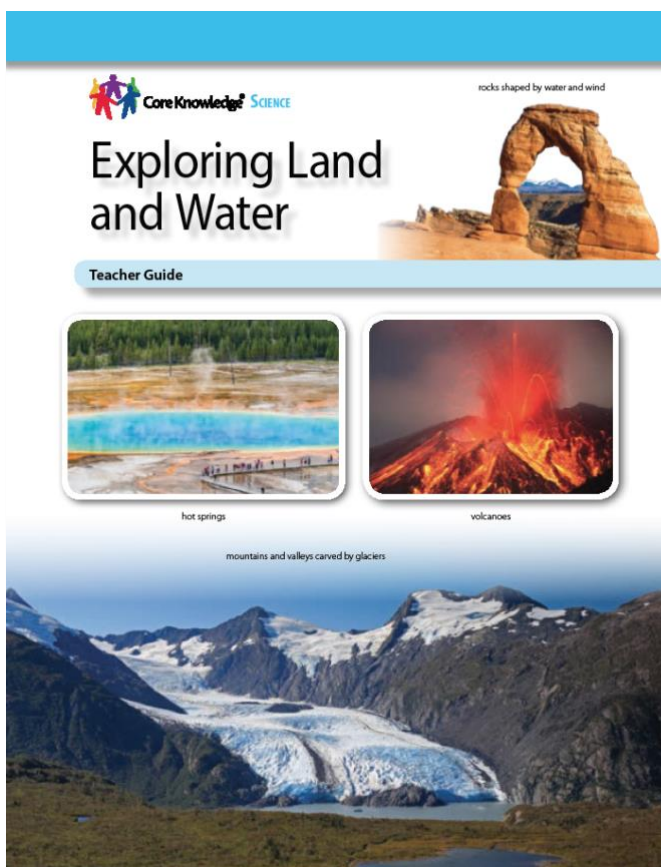


## Exploring Land and Water

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](#)).

	<a href="#">About this Unit</a>
<b>Unit Opener</b>	<a href="#">Unit Opener</a>
<b>Lesson 1</b>	<a href="#">Segment 1</a>
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## Online Resources

Unit Capstone	<a href="#">Unit Capstone</a>
Unit Supplement	<a href="#">Unit Supplement</a>
	<a href="#">Teacher Resources</a>

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## About this Unit

Page	Resource Links
2	<p>Note to Teachers and Curriculum Planners</p> <ul style="list-style-type: none"> <li>The learning progressions of Disciplinary Core Ideas <a href="#">ESS1.C</a>, <a href="#">ESS2.A</a>, <a href="#">ESS2.B</a>, <a href="#">ESS2.C</a>, and <a href="#">ETS1.C</a> 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.</li> <li>Learn more about this core idea and its related content by reading the corresponding section of <a href="#">A Framework for K–12 Science Education</a>.</li> </ul> <p>See also the <a href="#">Teachers Resources</a> section of this guide.</p> <p><a href="#">To see an overview of the entire Core Knowledge Science program, visit this page.</a></p>
3	<p>This unit has been informed by the following Next Generation Science Standards (NGSS) Performance Expectations:</p> <p>Topic—<a href="#">Change to the Land</a></p> <ul style="list-style-type: none"> <li><a href="#">2-ESS1-1</a></li> <li><a href="#">2-ESS2-1</a></li> <li><a href="#">2-ESS2-2</a></li> <li></li> </ul>
11	<a href="#">Recommended Science Trade Books</a>
13	<p>NGSS References</p> <ul style="list-style-type: none"> <li><a href="#">DCI</a></li> <li><a href="#">CCC</a></li> <li><a href="#">SEP</a></li> </ul>
14	<ul style="list-style-type: none"> <li><a href="#">Resources for Effective and Safe Classroom Activities</a></li> </ul>
14	<ul style="list-style-type: none"> <li><a href="#">Materials Supply List: Grade 2 Unit 3 Exploring Land and Water</a></li> </ul>

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## Unit Opener

Page	Resource Links
21	Disciplinary Core Idea: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 177–179</a></li> </ul>
	Science and Engineering Practice: 1 <i>Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 54–56</a></li> </ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 98–101</a></li> </ul>

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## Lesson 1 Opener

Page	Resource Links
26	NGSS References <ul style="list-style-type: none"> <li>• <a href="#">DCI</a></li> <li>• <a href="#">CCC</a></li> <li>• <a href="#">SEP</a></li> </ul>

## Lesson 1, Segment 1

Page	Resource Links
28	Disciplinary Core Idea: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework:  <a href="#">Pages 177–179</a></li> </ul>
	Science and Engineering Practice: 1 <i>Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>• From the Framework:  <a href="#">Pages 54–56</a></li> </ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework:  <a href="#">Pages 98–101</a></li> </ul>
30	[VIDEO] <a href="#">Different Kinds of Landforms</a>

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## Lesson 1, Segment 2

Page	Resource Links
39	Disciplinary Core Idea: <i>ESS2.C The Roles of Water in Earth's Surface Processes</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practice: <i>3 Planning and Carrying Out Investigations</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 59–61</a></li> </ul>
	Crosscutting Concept: <i>2 Cause and Effect</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 87–89</a></li> </ul>

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## Lesson 1, Segment 3

Page	Resource Links
45	Disciplinary Core Ideas: ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 179–182</a></li> </ul> ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 177–179</a></li> </ul>
	Crosscutting Concepts: 1 <i>Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 54–56</a></li> </ul> 6 <i>Structure and Function</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 96–98</a></li> </ul>
	Crosscutting Concepts: 2 <i>Cause and Effect</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 87–89</a></li> </ul> 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 98–101</a></li> </ul>
46	[IMAGES] <a href="#">Weathering and Erosion of Landforms</a>

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## Lesson 1, Segment 4

Page	Resource Links
55	Disciplinary Core Ideas: ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 179–182</a></li> </ul> ETS1.C <i>Optimizing the Design Solution</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 208–210</a></li> </ul>
	Science and Engineering Practice: 6 <i>Constructing Explanations and Designing Solutions</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 67–71</a></li> </ul>
	Crosscutting Concepts: 2 <i>Cause and Effect</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 87–89</a></li> </ul> 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 98–101</a></li> </ul>

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## Lesson 2 Opener

Page	Resource Links
62	NGSS References <ul style="list-style-type: none"> <li>• <a href="#">DCI</a></li> <li>• <a href="#">CCC</a></li> <li>• <a href="#">SEP</a></li> </ul>

## Lesson 2, Segment 1

Page	Resource Links
63	Disciplinary Core Ideas: <i>ESS2.B Plate Tectonics and Large-Scale System Interactions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 182–183</a></li> </ul> <i>ESS2.C The Roles of Water in Earth's Surface Processes</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practice: <i>1 Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 54–56</a></li> </ul>

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## Lesson 2, Segment 2

Page	Resource Links
72	Disciplinary Core Idea: ESS2.B <i>Plate Tectonics and Large-Scale System Interactions</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 182–183</a></li> </ul>
	Science and Engineering Practice: 2 <i>Developing and Using Models</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 56–59</a></li> </ul>
	Crosscutting Concept: 3 <i>Scale, Proportion, and Quantity</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 89–91</a></li> </ul>
73	[WEBLINK] <a href="#">Topographic Maps</a>

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## Lesson 2, Segment 3

Page	Resource Links
78	Disciplinary Core Idea: <i>ESS2.C The Roles of Water in Earth's Surface Processes</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practices: <i>2 Developing and Using Models</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 56–59</a></li> </ul> <i>8 Obtaining, Evaluating, and Communicating Information</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 74–77</a></li> </ul>
	Crosscutting Concept: <i>1 Patterns</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 85–87</a></li> </ul>

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## Lesson 2, Segment 4

Page	Resource Links
84	Disciplinary Core Idea: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 177–179</a></li> </ul> ESS2.C <i>The Roles of Water in Earth’s Surface Processes</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practice: 8 <i>Obtaining, Evaluating, and Communicating Information</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 74–77</a></li> </ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 98–101</a></li> </ul>

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## Lesson 2, Segment 5

Page	Resource Links
90	Disciplinary Core Idea: ESS2.C <i>The Roles of Water in Earth's Surface Processes</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practice: 8 <i>Obtaining, Evaluating, and Communicating Information</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 74–77</a></li> </ul>
	Crosscutting Concept: 1 <i>Patterns</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 85–87</a></li> </ul>
98	[VIDEO] <a href="#">Glaciers in Greenland</a>
99	[WEBLINK] <a href="#">Melting Glaciers</a>

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## Lesson 2, Segment 6

Page	Resource Links
101	Performance Expectation: <ul style="list-style-type: none"> <li>• <a href="#">2-ESS2-2</a> <a href="#">Evidence Statements</a> for 2-ESS2-2</li></ul>
	Disciplinary Core Idea: ESS2.B <i>Plate Tectonics and Large-Scale System Interactions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 182–183</a></li></ul>
	Science and Engineering Practice: 2 <i>Developing and Using Models</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 56–59</a></li></ul>
	Crosscutting Concept: 1 <i>Patterns</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 85–87</a></li></ul>

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## Lesson 3 Opener

Page	Resource Links
107	NGSS References <ul style="list-style-type: none"> <li>• <a href="#">DCI</a></li> <li>• <a href="#">CCC</a></li> <li>• <a href="#">SEP</a></li> </ul>

## Lesson 3, Segment 1

Page	Resource Links
142	Disciplinary Core Ideas: <i>ESS2.B Plate Tectonics and Large-Scale System Interactions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 182–183</a></li> </ul> <i>ESS2.C The Roles of Water in Earth's Surface Processes</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practices: <i>1 Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 54–56</a></li> </ul>

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## Lesson 3, Segment 2

Page	Resource Links
117	Disciplinary Core Idea: <i>ESS2.C The Roles of Water in Earth's Surface Processes</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practice: <i>2 Developing and Using Models</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 56–59</a></li> </ul>
	Crosscutting Concept: <i>1 Patterns</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 85–87</a></li> </ul>

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## Lesson 3, Segment 3

Page	Resource Links
125	Disciplinary Core Idea: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 177–179</a></li> </ul>
	Crosscutting Concepts: 2 <i>Cause and Effect</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 87–89</a></li> </ul> 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 98–101</a></li> </ul>
126	[VIDEO] <a href="#">Volcanoes</a>

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## Lesson 3, Segment 4

Page	Resource Links
133	Performance Expectation: <ul style="list-style-type: none"> <li>• <a href="#">2-ESS1-1</a> <a href="#">Evidence Statements</a> for 2-ESS1-1</li> </ul>
	Disciplinary Core Idea: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 177–179</a></li> </ul>
	Science and Engineering Practices: <i>2 Developing and Using Models</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 56–59</a></li> </ul> <i>6 Constructing Explanations and Designing Solutions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 67–71</a></li> </ul>
	Crosscutting Concept: <i>7 Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 98–101</a></li> </ul>
137	[WEBLINK] <a href="#">Lava Speeds</a>

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## Lesson 4 Opener

Page	Resource Links
141	NGSS References <ul style="list-style-type: none"> <li>• <a href="#">DCI</a></li> <li>• <a href="#">CCC</a></li> <li>• <a href="#">SEP</a></li> </ul>

## Lesson 4, Segment 1

Page	Resource Links
142	Disciplinary Core Ideas: ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 179–182</a></li> </ul> ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 177–179</a></li> </ul>
	Science and Engineering Practice: 1 <i>Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 54–56</a></li> </ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 98–101</a></li> </ul>

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## Lesson 4, Segment 2

Page	Resource Links
155	Performance Expectation: <ul style="list-style-type: none"> <li>• <a href="#">2-ESS1-1</a> <a href="#">Evidence Statements</a> for 2-ESS1-1</li></ul>
	Disciplinary Core Ideas: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 177–179</a></li></ul> ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 179–182</a></li></ul>
	Science and Engineering Practices: 2 <i>Developing and Using Models</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 56–59</a></li></ul> 6 <i>Constructing Explanations and Designing Solutions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 67–71</a></li></ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 98–101</a></li></ul>

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## Lesson 4, Segment 3

Page	Resource Links
161	Performance Expectations: <ul style="list-style-type: none"> <li>• <a href="#">2-ESS1-1</a> <a href="#">Evidence Statements</a> for 2-ESS1-1</li> <li>• <a href="#">2-ESS2-1</a> <a href="#">Evidence Statements</a> for 2-ESS2-1</li></ul>
	Disciplinary Core Ideas: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 177–179</a></li></ul> ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 179–182</a></li></ul> ETS1.C <i>Optimizing the Design Solution</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 208–210</a></li></ul>
	Science and Engineering Practice: 6 <i>Constructing Explanations and Designing Solutions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 67–71</a></li></ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 98–101</a></li></ul>
162	[IMAGES] <a href="#">Landslide Prevention Solutions</a>

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## Lesson 5 Opener

Page	Resource Links
168	NGSS References <ul style="list-style-type: none"> <li>• <a href="#">DCI</a></li> <li>• <a href="#">CCC</a></li> <li>• <a href="#">SEP</a></li> </ul>

## Lesson 5, Segment 1

Page	Resource Links
169	Disciplinary Core Idea: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework:  <a href="#">Pages 177–179</a></li> </ul>
	Science and Engineering Practices: 1 <i>Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>• From the Framework:  <a href="#">Pages 54–56</a></li> </ul> 6 <i>Constructing Explanations and Designing Solutions</i> <ul style="list-style-type: none"> <li>• From the Framework:  <a href="#">Pages 67–71</a></li> </ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework:  <a href="#">Pages 98–101</a></li> </ul>

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## Lesson 5, Segment 2

Page	Resource Links
181	Performance Expectation: <ul style="list-style-type: none"> <li>• <a href="#">2-ESS1-1</a> <a href="#">Evidence Statements</a> for 2-ESS1-1</li></ul>
	Disciplinary Core Idea: ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 177–179</a></li></ul>
	Science and Engineering Practices: <i>1 Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 54–56</a></li></ul> <i>2 Developing and Using Models</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 56–59</a></li></ul> <i>6 Constructing Explanations and Designing Solutions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 67–71</a></li></ul>
	Crosscutting Concept: <i>7 Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 98–101</a></li></ul>

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## Lesson 6 Opener

Page	Resource Links
188	NGSS References <ul style="list-style-type: none"> <li>• <a href="#">DCI</a></li> <li>• <a href="#">CCC</a></li> <li>• <a href="#">SEP</a></li> </ul>

## Lesson 6, Segment 1

Page	Resource Links
189	Disciplinary Core Ideas: <i>ESS2.A Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 179–182</a></li> </ul> <i>ESS1.C The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 177–179</a></li> </ul> <i>ESS2.C The Roles of Water in Earth’s Surface Processes</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practices: <i>1 Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 54–56</a></li> </ul> <i>8 Obtaining, Evaluating, and Communicating Information</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 74–77</a></li> </ul>
	Crosscutting Concept: <i>7 Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 98–101</a></li> </ul>

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## Lesson 6, Segment 2

Page	Resource Links
199	Disciplinary Core Ideas: ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 179–182</a></li> </ul> ESS2.C <i>The Roles of Water in Earth’s Surface Processes</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practice: 3 <i>Planning and Carrying Out Investigations</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 59–61</a></li> </ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 98–101</a></li> </ul>

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## Lesson 6, Segment 3

Page	Resource Links
204	Disciplinary Core Ideas: ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 179–182</a></li> </ul> ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 177–179</a></li> </ul> ESS2.C <i>The Roles of Water in Earth’s Surface Processes</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 184–186</a></li> </ul>
	Science and Engineering Practices: 1 <i>Asking Questions and Defining Problems</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 54–56</a></li> </ul> 8 <i>Obtaining, Evaluating, and Communicating Information</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 74–77</a></li> </ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>From the Framework: <a href="#">Pages 98–101</a></li> </ul>
212	[VIDEO] <a href="#">Waves Against a Jetty</a>

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## Lesson 6, Segment 4

Page	Resource Links
214	Performance Expectation: <ul style="list-style-type: none"> <li>• <a href="#">2-ESS2-1</a> <a href="#">Evidence Statements</a> for 2-ESS2-1</li></ul>
	Disciplinary Core Ideas: ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 179–182</a></li></ul> ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 177–179</a></li></ul> ETS1.C <i>Optimizing the Design Solution</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 208–210</a></li></ul>
	Science and Engineering Practices: 6 <i>Constructing Explanations and Designing Solutions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 67–71</a></li></ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 98–101</a></li></ul>
215	[IMAGES] <a href="#">Sand Fencing</a> <a href="#">Jetty</a> <a href="#">Plants Along Dunes</a>

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[Unit Capstone→](#)

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## Unit Capstone

Page	Resource Links
220	Performance Expectations: <ul style="list-style-type: none"> <li>• <a href="#">2-ESS1-1</a> <a href="#">Evidence Statements</a> for 2-ESS1-1</li> <li>• <a href="#">2-ESS2-1</a> <a href="#">Evidence Statements</a> for 2-ESS2-1</li></ul>
	Disciplinary Core Ideas: ESS2.A <i>Earth Materials and Systems</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 179–182</a></li></ul> ESS1.C <i>The History of Planet Earth</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 177–179</a></li></ul> ETS1.C <i>Optimizing the Design Solution</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 208–210</a></li></ul>
	Science and Engineering Practices: 4 <i>Analyzing and Interpreting Data</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 61–63</a></li></ul> 6 <i>Constructing Explanations and Designing Solutions</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 67–71</a></li></ul>
	Crosscutting Concept: 7 <i>Stability and Change</i> <ul style="list-style-type: none"> <li>• From the Framework: <a href="#">Pages 98–101</a></li></ul>

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## Unit Supplement

Page	Resource Links
222	Science and Engineering Practice: <i>2 Developing and Using Models</i> <ul style="list-style-type: none"> <li>From the Framework:  <a href="#">Pages 56–59</a> </li> </ul>
	Understandings About the Nature of Science <ul style="list-style-type: none"> <li><a href="#">Scientific Knowledge Is Open to Revision in Light of New Evidence</a></li> <li><a href="#">Science Models, Laws, Mechanisms, and Theories Explain Natural Phenomena</a></li> <li><a href="#">Science Is a Way of Knowing</a></li> <li><a href="#">Science Is a Human Endeavor</a></li> </ul>

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[Teacher Resources](#) →

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## Teacher Resources

Page	Resource Links
14	<a href="#">Resources for Effective and Safe Classroom Activities</a>
15	<a href="#">Materials Supply List: Grade 2 Unit 3 <i>Exploring Land and Water</i></a>
272	<a href="#">Activity Pages Answer Key</a>
278	Safety in the Science Classroom: <ul style="list-style-type: none"> <li>• <a href="#">NSTA Safety Resources</a></li> <li>• <a href="#">Safety Resources for Elementary Teachers</a></li> </ul>
	<b>Teacher Guide Appendices:</b> <ul style="list-style-type: none"> <li>• <a href="#">Appendix A: Glossary</a></li> <li>• <a href="#">Appendix B: Safety for Activities</a></li> <li>• <a href="#">Appendix C: Strategies for Acquiring Materials</a></li> <li>• <a href="#">Appendix D: Advance Preparation</a></li> <li>• <a href="#">Appendix E: Unexpected Activity Results</a></li> </ul>

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