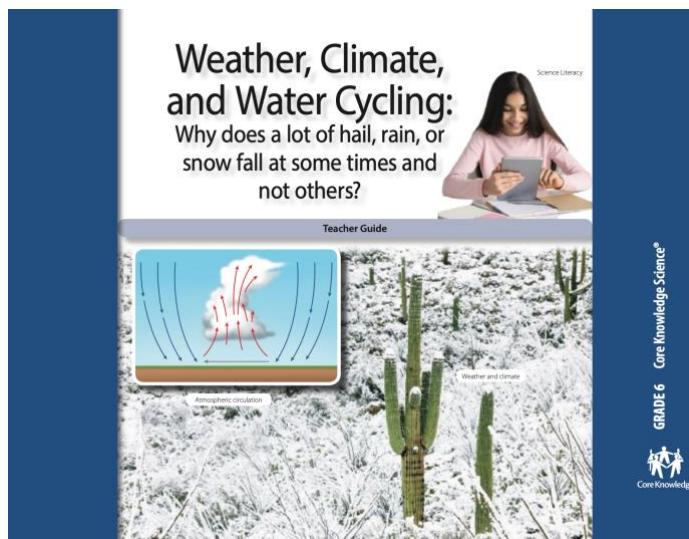


## Weather, Climate, and Weather Cycling

Links for all online resource are in this table. Page numbers refer to pages in the Teacher Guide where the online resource is used. 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 Reader](#)).



### Resource Links

<b>1</b>	<b>Program-Wide</b>
	<p><a href="#">Teacher Handbook: Overview of the Core Knowledge Middle School Science Program</a></p> <p><a href="#">Communicating in Scientific Ways (small poster)</a></p> <p><a href="#">Classroom Norms (small poster)</a></p>
	<b>Unit-Specific</b>
	<p><a href="#">Materials Supply List: Grade 6 Unit 3 Weather, Climate, and Weather Cycling</a></p> <p><a href="#">Pacing Guide for Grade 6 Unit 3 Weather, Climate, and Weather Cycling</a></p> <p><a href="#">Lesson Guidance Slides: 6.3 Weather, Climate, and Weather Cycling</a></p> <p><a href="#">Unit 6.3. Teacher Notes for Lesson Slides</a></p> <p><a href="#">NGSS Standards and Dimensions</a></p>
<b>16</b>	[WEBLINK] <a href="#">Middle School Safety Acknowledgment Form</a>
<b>Lesson 1</b>	
<b>36</b>	<p>[VIDEO] <a href="#">Tennis Ball sized hail in Fort Scott, KS 04/07/2013</a></p> <p>[VIDEO] <a href="#">Hail storm in Phoenix, AZ ~ October 5, 2010</a></p> <p>[VIDEO] <a href="#">June 10 Hail Time Lapse</a></p>
<b>Lesson 3</b>	
<b>70</b>	[VIDEO] <a href="#">Weather Balloon Launch Video</a>

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## Science Literacy: Reading Collection 1

83	[WEBLINK] <a href="#">Celebrating 60 Years of the World's First Weather Satellite</a> [WEBLINK] <a href="#">How to pronounce Wai'ale'ale</a>
84	[WEBLINK] <a href="#">Historic Probability of Severe Weather</a> [WEBLINK] <a href="#">The Layered Atmosphere</a>

## Lesson 4

88	[VIDEO] <a href="#">Lesson 4 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>
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## Lesson 5

105	[VIDEO] <a href="#">Lesson 5 Part 1 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>
106	[VIDEO] <a href="#">Lesson 5 Part 2 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>

## Science Literacy: Reading Collection 2

135	[WEBLINK] <a href="#">Pixton Comic Builder</a> [WEBLINK] <a href="#">Creaza - Creative and Playful Learning</a>
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## Lesson 6

141	[VIDEO] <a href="#">Cloud Growth Time-lapse - 6.3 Weather Lesson 6</a>
146	[WEBLINK] <a href="#">Cloud Protocols</a>

## Lesson 7

151	[VIDEO] <a href="#">Lesson 7 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>
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## Lesson 8

164	[VIDEO] <a href="#">Lesson 8 Part 1 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>
165	[VIDEO] <a href="#">Lesson 8 Part 2 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>
170	[VIDEO] <a href="#">Slow-motion Water Droplet Collision - 6.3 Weather Lesson 8</a>

## Science Literacy: Reading Collection 3

180	[WEBLINK] <a href="#">Mean monthly evaporation Lake Mead</a>
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	[VIDEO] <a href="#">What is Surface Tension?   Richard Hammond's Invisible Worlds   Earth Lab</a>
<b>Lesson 9</b>	
185	[VIDEO] <a href="#">Lesson 9 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>
<b>Lesson 10</b>	
197	[WEBLINK] <a href="#">Make a Thunderstorm</a>
<b>Lesson 11</b>	
207	[VIDEO] <a href="#">Lesson 11 Part 1 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a> [VIDEO] <a href="#">Lesson 11 Part 2 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>
<b>Science Literacy: Reading Collection 4</b>	
229	[WEBLINK] <a href="#">METEOROLOGY MISCONCEPTIONS</a>
230	[WEBLINK] <a href="#">EdWordle</a> [WEBLINK] <a href="#">WordClouds</a> [WEBLINK] <a href="#">ABCYA Wordclouds</a>
<b>Lesson 12</b>	
234	[VIDEO] <a href="#">Lesson 12 Investigation Set Up - 6.3 Weather, Climate &amp; Water Cycling</a>
<b>Lesson 13</b>	
250	[VIDEO] <a href="#">Tennis Ball sized hail in Fort Scott, KS 04/07/2013</a>
251	[VIDEO] <a href="#">Cloud Growth Time-lapse - 6.3 Weather Lesson 6</a>
<b>Lesson 14</b>	
262	[VIDEO] <a href="#">Lesson 14 Weather Report &amp; Forecast 1/19/19 - 6.3 Weather, Climate &amp; Water Cycling</a>
<b>Science Literacy: Reading Collection 5</b>	
272	[VIDEO] <a href="#">What is hail? How is hail formed and why does it happen?   Weather Wise S2E3</a> [VIDEO] <a href="#">How Hail Forms</a>

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273	[VIDEO] <a href="#">U.S. Mainland Hurricane Strikes by State, 1851-2004</a>
<b>Lesson 17</b>	
314	[VIDEO] <a href="#">Lesson 14 Weather Report &amp; Forecast 1/19/19 - 6.3 Weather, Climate &amp; Water Cycling</a>
<b>Lesson 18</b>	
326	[VIDEO] <a href="#">Lesson 18 Weather Report &amp; Forecast 11/23/19 - 6.3 Weather, Climate &amp; Water Cycling</a>
<b>Science Literacy: Reading Collection 6</b>	
335	[WEBLINK] <a href="#">Occluded Front</a>
336	[WEBLINK] <a href="#">Rhyme Zone</a> [WEBLINK] <a href="#">The Ultimate Rhyming Dictionary</a>
<b>Lesson 19</b>	
339	[VIDEO] <a href="#">IMERG Precipitation Rates Across the USA</a> [VIDEO] <a href="#">Atmospheric River Slams California</a> [VIDEO] <a href="#">IMERG Global Precipitation Rates</a> [VIDEO] <a href="#">NASA's Scientific Visualization Studio gallery</a> [VIDEO] <a href="#">NASA's Precipitation Measurement Missions p</a>
<b>Lesson 20</b>	
353	[VIDEO] <a href="#">Multi-scale Ultra-high Resolution Sea Surface Temperature (MUR)</a> [VIDEO] <a href="#">Rainfall Accumulation Across the United States (1/1/2015 - 7/16/2015)</a> [VIDEO] <a href="#">NASA's Scientific Visualization Studio gallery</a> [VIDEO] <a href="#">NASA's Precipitation Measurement Missions p</a>
<b>Science Literacy: Reading Collection 7</b>	
384	[WEBLINK] <a href="#">What are El Niño and La Niña?</a>
387	[VIDEO] <a href="#">Math Antics - Basic Probability</a>

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