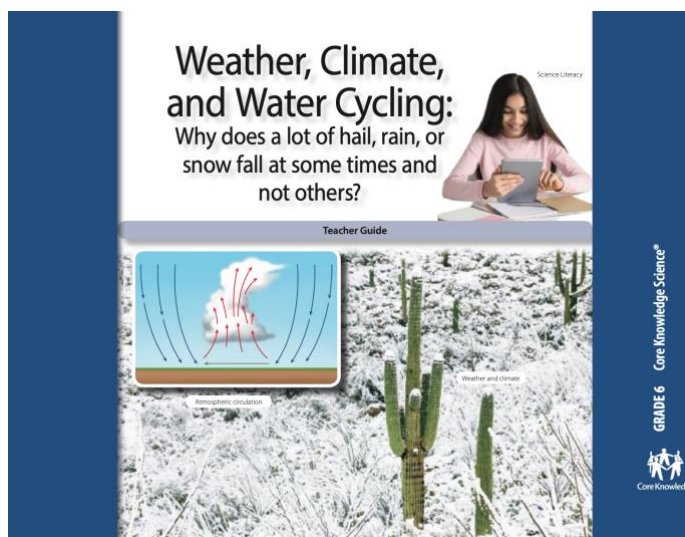


Weather, Climate, and Weather Cycling

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

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Science Literacy: Reading Collection 1	
83	[WEBLINK] Celebrating 60 Years of the World's First Weather Satellite [WEBLINK] How to pronounce Wai'ale'ale
84	[WEBLINK] Historic Probability of Severe Weather [WEBLINK] The Layered Atmosphere
Lesson 4	
88	[VIDEO] Lesson 4 Investigation Set Up - 6.3 Weather, Climate & Water Cycling
Lesson 5	
105	[VIDEO] Lesson 5 Part 1 Investigation Set Up - 6.3 Weather, Climate & Water Cycling
106	[VIDEO] Lesson 5 Part 2 Investigation Set Up - 6.3 Weather, Climate & Water Cycling
Science Literacy: Reading Collection 2	
135	[WEBLINK] Pixton Comic Builder [WEBLINK] Creaza - Creative and Playful Learning
Lesson 6	
141	[VIDEO] Cloud Growth Time-lapse - 6.3 Weather Lesson 6
146	[WEBLINK] Cloud Protocols
Lesson 7	
151	[VIDEO] Lesson 7 Investigation Set Up - 6.3 Weather, Climate & Water Cycling
Lesson 8	
164	[VIDEO] Lesson 8 Part 1 Investigation Set Up - 6.3 Weather, Climate & Water Cycling
165	[VIDEO] Lesson 8 Part 2 Investigation Set Up - 6.3 Weather, Climate & Water Cycling
170	[VIDEO] Slow-motion Water Droplet Collision - 6.3 Weather Lesson 8
Science Literacy: Reading Collection 3	
180	[WEBLINK] Mean monthly evaporation Lake Mead

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

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

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