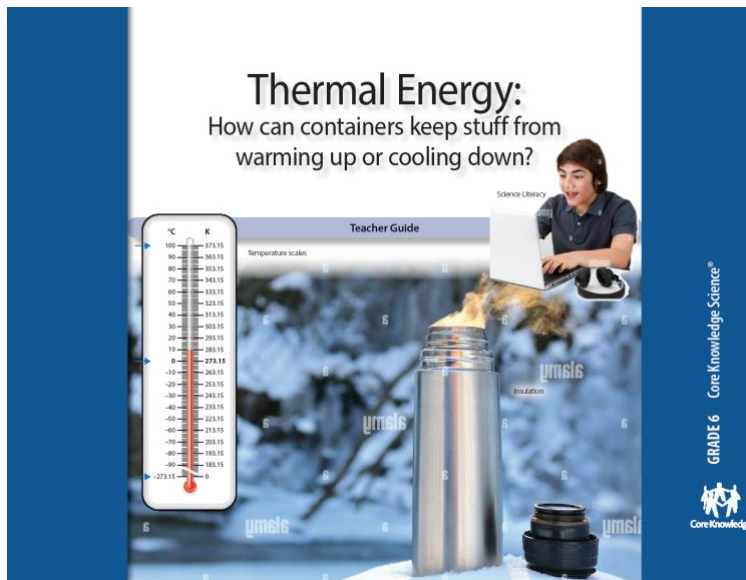


Thermal Energy

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 2 Thermal Energy](#)

[Pacing Guide for Grade 6 Unit 2 Thermal Energy](#)

[Lesson Guidance Slides: 6.2 Thermal Energy](#)

[Unit 6.2. Teacher Notes for Lessons](#)

[NGSS Standards and Dimensions](#)

Science Literacy: Reading Collection 1

77

[WEBLINK] [Call of the Wild](#)

Lesson 4

83

[VIDEO] [Time-lapse Water in a Glass - 6.2 Thermal Energy Lesson 4](#)

[VIDEO] [Slow-motion Video Steam & Evaporation - 6.2 Thermal Energy Lesson 4](#)

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Science Literacy: Reading Collection 2	
118	[WEBLINK] Franz Josef Glacier Guides [VIDEO] Franz Josef Glacier: Watch 2 years of glacier retreat in 15 seconds [WEBLINK] NASA: Ice in Motion: Satellites Capture Decades of Change [WEBLINK] 48 Years of Alaska Glaciers [VIDEO] 48 Years of Alaska Glaciers
119	[WEBLINK] A tunnel to the Twilight Zone [WEBLINK] Sharks Take 'Tunnels' into the Depths [WEBLINK] Mesoscale eddies release pelagic sharks from thermal constraints to foraging in the ocean twilight zone
Science Literacy: Reading Collection 3	
165	[WEBLINK] Biosphere Virtual Tour [VIDEO] Biosphere 2 Teaches High School Students Fundamentals of Research
Lesson 10	
179	[VIDEO] Peppermint Candy in Different Water - 6.2 Thermal Energy Lesson 10
Lesson 11	
194	[WEBLINK] American Chemical Society simulations
191	[WEBLINK] Molecular View of a Liquid [WEBLINK] Molecular View of a Gas
Science Literacy: Reading Collection 4	
206	[VIDEO] Temperature Regulation Of The Human Body Physiology Biology FuseSchool [WEBLINK] Mammal Endothermy
Lesson 12	
212	[WEBLINK] Particle Motion Simulation [WEBLINK] Collisions Up Close Simulation
Lesson 13	
225	[WEBLINK] Preparing Magnetic Marbles - 6.2 Thermal Energy Lesson 13 [WEBLINK] Particle Motion Simulation [WEBLINK] Collisions Up Close Simulation

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	<p>[WEBLINK]Conductions in Solids Reduced Simulation</p> <p>[WEBLINK]Conductions in Solids Full Simulation</p>
Science Literacy: Reading Collection 5	
250	[VIDEO] A Christmas Story- The Triple Dog Dare Clip
253	<p>[WEBLINK]Measuring Thermal Conductivity in Different Materials</p> <p>[WEBLINK]Thermal Conductivity Table</p> <p>[WEBLINK]Top 10 Thermally Conductive Materials</p> <p>[WEBLINK]Materials Thermal Properties Database</p> <p>[WEBLINK]Thermal Conductivity</p>
Science Literacy: Reading Collection 6	
284	<p>[WEBLINK]Taking Lava Temps</p> <p>[VIDEO]Proximity Firefighting suit</p>
Science Literacy: Reading Collection 7	
312	[WEBLINK] Heat Island Effect

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