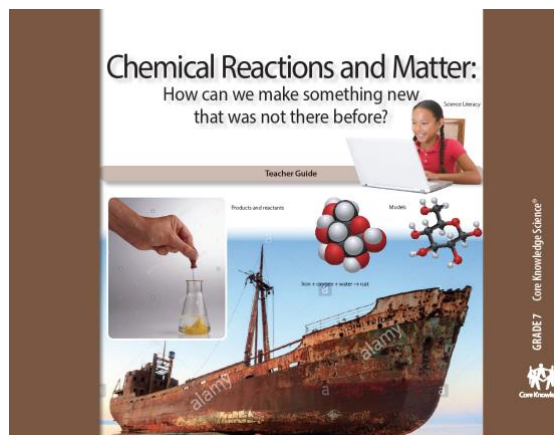


Chemical Reactions and Matter

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 7 Unit 1 Chemical Reactions and Matter Pacing Guide for Grade 7 Unit 1 Chemical Reactions and Matter Lesson Guidance Slides: 7.1 Chemical Reactions and Matter Unit 7.1 Teacher Notes for Slides NGSS Standards and Dimensions
10	[WEBLINK] Middle School Safety Acknowledgment Form
Science Literacy: Preface	
25	[WEBLINK] FactCheck.org [WEBLINK] Snopes.com
Lesson 1	
32	[VIDEO] Lesson 1: Making Homemade Bath Bombs - Unit 7.1 Chemical Reactions & Matter Transformations
Lesson 2	
57	[VIDEO] Lesson 2 - Bath Bombs in Bottle Lab Demonstration

CKSci Online Resources include links to sites external to the Core Knowledge Foundation and the coreknowledge.org website. These external sites are owned and operated by third-parties, and the Core Knowledge Foundation is not responsible for any errors or omissions in either the links themselves or the content of the websites. If you experience any difficulties when attempting to access one of the linked resources found here, please [contact us](#).

Science Literacy: Reading Collection 1	
83	[VIDEO] How to Do a Science Experiment w/ Bubbles Science Projects
84	[WEBLINK] Plasma Basics [WEBLINK] What is Plasma? [WEBLINK] States of Matter: Plasma
86	[WEBLINK] Bose-Einstein Basics [WEBLINK] Stats of Matter: Bose-Einstein Condensate [VIDEO] NASA explores the creation of the Bose-Einstein condensate
Lesson 4	
110	[VIDEO] Lesson 4: Lab Setup - Unit 7.1 Chemical Reactions & Matter Transformations
Science Literacy: Reading Collection 2	
131	[WEBLINK] The periodic table of elements [WEBLINK] Periodic Table of Elements [WEBLINK] Interactive Periodic Table of Elements
132	[WEBLINK] Food and Cooking Chemistry [WEBLINK] The Secret Science of Stuff
Lesson 5	
137	[VIDEO] 7.1 Lesson 5 - Flammability of Air and Helium
138	[VIDEO] 7.1 Lesson 5 - Flammability Gas from the Bath Bomb [VIDEO] 7.1 Lesson 5 - Density of Helium [VIDEO] 7.1 Lesson 5 - Density of the Bath Bomb Gas
Lesson 6	
158	[VIDEO] 7.1 Lesson 6 - Elephant Toothpaste Part 1 [VIDEO] 7.1 Lesson 6 - Elephant Toothpaste Part 2
Lesson 9	
201	[VIDEO] 7.1 Lesson 9 - Heating Water Investigation
Lesson 10	
214	[VIDEO] 7.1 Lesson 10 Hydrolysis Lab Setup Video

CKSci Online Resources include links to sites external to the Core Knowledge Foundation and the coreknowledge.org website. These external sites are owned and operated by third-parties, and the Core Knowledge Foundation is not responsible for any errors or omissions in either the links themselves or the content of the websites. If you experience any difficulties when attempting to access one of the linked resources found here, please [contact us](#).

215	[VIDEO] 7.1 Lesson 10 - Flame Test with Electrical Energy
Science Literacy: Reading Collection 4	
244	[WEBLINK] Life Support [WEBLINK] This Machine Turns Pee Into Water...in Space [WEBLINK] The food and water systems astronauts will need to travel to places like Mars
246	[WEBLINK] Digital Storytelling [WEBLINK] Storyboarder
Science Literacy: Reading Collection 5	
287	[WEBLINK] Merriam-Webster Online Dictionary [WEBLINK] Think About Your Troubles by Harry Nilsson
289	[WEBLINK] Once, most famous scientists were men. But that's changing. [WEBLINK] ACS Celebrates the Achievements of Women Scientists in American History [WEBLINK] Women Scientists Were Written Out of History. It's Margaret Rossiter's Lifelong Mission to Fix That [WEBLINK] The Untold History of Women in Science and Technology [WEBLINK] Women in Science- a historical perspective [WEBLINK] Ten Historic Female Scientists You Should Know [WEBLINK] History has overlooked these 8 women scientists — but not anymore

CKSci Online Resources include links to sites external to the Core Knowledge Foundation and the coreknowledge.org website. These external sites are owned and operated by third-parties, and the Core Knowledge Foundation is not responsible for any errors or omissions in either the links themselves or the content of the websites. If you experience any difficulties when attempting to access one of the linked resources found here, please [contact us](#).