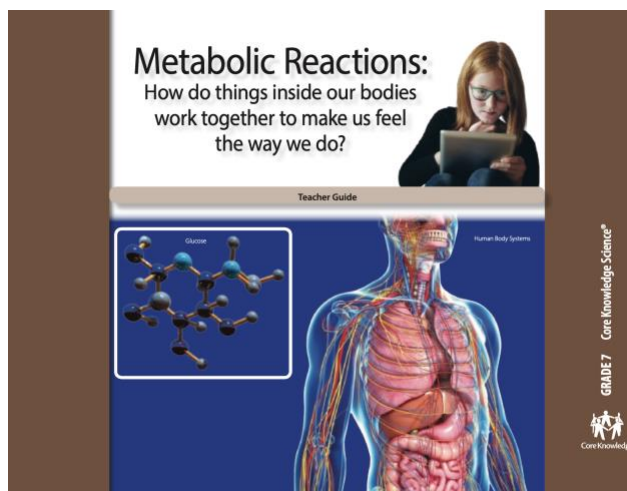


Metabolic Reactions

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	<p>Program-Wide</p> <p><u>Teacher Handbook: Overview of the Core Knowledge Middle School Science Program</u></p> <p><u>Communicating in Scientific Ways (small poster)</u></p> <p><u>Classroom Norms (small poster)</u></p> <p>Unit-Specific</p> <p><u>Materials Supply List: Grade 7 Unit 3 Metabolic Reactions</u></p> <p><u>Pacing Guide for Grade 7 Unit 3 Metabolic Reactions</u></p> <p><u>Lesson Guidance Slides: 7.3 Metabolic Reactions</u></p> <p><u>Grade 7 Unit 3 Teacher Notes for Lessons Slides</u></p> <p><u>NGSS Standards and Dimensions</u></p>
11	[WEBLINK] <u>Middle School Safety Acknowledgment Form</u>
Lesson 1	
24	[VIDEO] <u>M'Kenna Symptoms Interview - 7.3 Metabolic Reactions Lesson 1</u>
26	[WEBLINK] <u>Celiac Disease</u>
Lesson 2	
46	[VIDEO] <u>A Look Inside the Digestive System</u>
Science Literacy: Reading Collection 1	
58	[VIDEO] <u>What Happens During a Colonoscopy?</u>

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Lesson 3	
64	[VIDEO] Lab Set Up Demonstration of Sealing & Filling Dialysis Tubing - 7.3 Metabolic Reactions Lesson 3
Lesson 5	
97	[WEBLINK] Lab Set Up Demonstration of Amylase Investigation - 7.3 Metabolic Reactions Lesson 5
102	[WEBLINK] Animation of a Person Chewing - 7.3 Metabolic Reactions Lesson 5
Science Literacy: Reading Collection 2	
120	[VIDEO] Backyard Aquaponics Farming Fresh Fish and Vegetables PARAGRAPHIC
Lesson 8	
161	[VIDEO] A Look Inside the Digestive System [WEBLINK] Villi Absorption
Science Literacy: Reading Collection 3	
173	[VIDEO] Digestion - What Is It? Physiology Biology FuseSchool
Lesson 10	
187	[VIDEO] Lab Set Up Demonstration of Burning Fats - 7.3 Metabolic Reactions Lesson 10
195	[VIDEO] Burning the Wick Alone - 7.3 Metabolic Reactions Lesson 10 Video 1 [VIDEO] Oil Burning on a Scale - 7.3 Metabolic Reactions Lesson 10 Video 2 [VIDEO] Duck Fat Burning on a Scale - 7.3 Metabolic Reactions Lesson 10 Video 3
Lesson 11	
204	[VIDEO] Measuring Gases in a Closed System with a Flame - 7.3 Metabolic Reactions Lesson 11 [VIDEO] Lab Set Up Demonstration of Closed System Burning Oil - 7.3 Metabolic Reactions Lesson 11 [VIDEO] Lab Set Up of Closed System Burning Oil & Measuring Gases - 7.3 Metabolic Reactions Lesson 11

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216	[VIDEO] Burning in a Closed System - 7.3 Metabolic Reactions Lesson 11 Video 4
Science Literacy: Reading Collection 4	
229	[VIDEO] What is a calorie? - Emma Bryce
Lesson 12	
235	[VIDEO] Blowing bubbles into Bromothymol Blue with Water - 7.3 Metabolic Reactions Lesson 12
280	[WEBLINK] Virtual Microscope: Human Tissue
Science Literacy: Reading Collection 5	
229	[VIDEO] Protein in the diet Health Biology FuseSchool

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