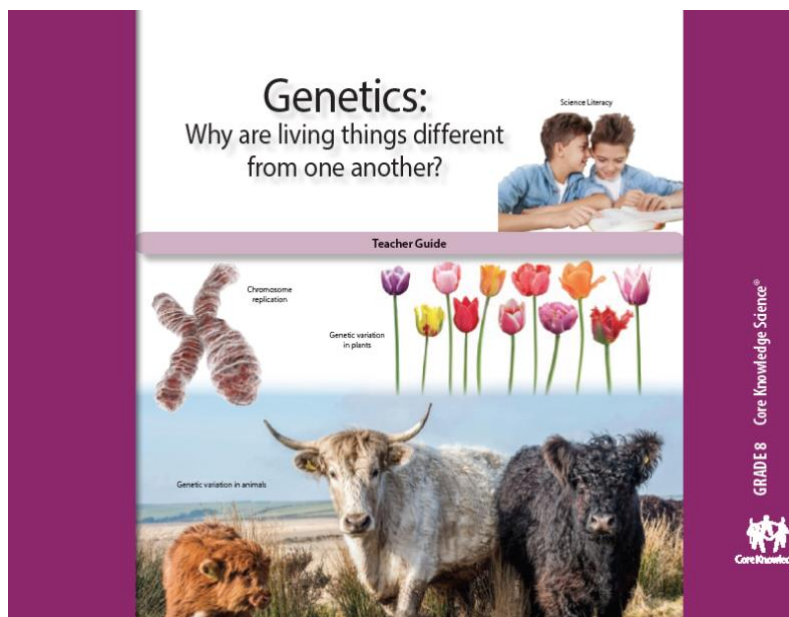


Genetics

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	
	Teacher Handbook
1	Materials Supply List: Grade 8 Unit 5 Genetics Pacing Guide for Grade 8 Unit 5 Genetics [WEBLINK] Lesson Guidance Slides: 8.5 Genetics Unit 6.4. Teacher Notes for Lesson Slides Genetics NGSS Standards and Dimensions Photo/Art Cards for this unit
13	[WEBLINK] Middle School Safety Acknowledgment Form
28	[WEBLINK] Myths of Human Genetics [WEBLINK] Scientific American: Race Is a Social Construct, Scientists Argue [WEBLINK] BSCS: Towards a More Humane Genetics Education [VIDEO] How We Get Our Skin Color HHMI BioInteractive Video
Lesson 2	
57	[VIDEO] 8.5 Lesson 2 Muscle Contraction [WEBLINK] Handout Comparing Muscles Gallery [WEBLINK] Reference How Muscles Contract

Science Literacy: Reading Collection 1	
90	[WEBLINK] Canva design tools [WEBLINK] Animaker [WEBLINK] Venngage Infographics [WEBLINK] Piktochart Storytelling
Lesson 3	
73	[WEBLINK] 8.5 Lesson 3 Reading Version 1 Protein's
Lesson 4	
94	[VIDEO] 8.5 Lesson 4 Ask a Farmer: Exercise [VIDEO] 8.5 Lesson 4 Ask a Farmer: Diet
Lesson 5	
108	[WEBLINK] Human.Genetics Scale Simulation [WEBLINK] The Scale of the Universe
Lesson 6	
135	[WEBLINK] Human.Genetics Scale Simulation [WEBLINK] The Scale of the Universe
Science Literacy: Reading Collection 2	
164	[VIDEO] "Down syndrome 101" - UDSF [VIDEO] 3 Minute JLY-DS [WEBLINK] Scientific American: We're All X-Men as Far as Genetic Mutations Go
Lesson 9	
221	[WEBLINK] Bird Breeder Simulation
Science Literacy: Reading Collection 3	
239	[WEBLINK] UC Davis: Most Dog Breeds Highly Inbred [WEBLINK] Extent of inbreeding in pedigree dogs revealed in new study [WEBLINK] Scientific American: Although Purebred Dogs Can Be Best in Show, Are They Worst in Health?
241	[WEBLINK] Pixton Comic Creator [WEBLINK] Make Beliefs Comix
Lesson 12	
261	[VIDEO] 8.5 Lesson 12 Extracting Genetic Material

	[VIDEO] 8.5 Lesson 12 Using DNA extraction protocol on water and protein mixture
262	[VIDEO] 8.5 Lesson 12 Strawberry DNA extraction procedure
Lesson 13	
279	[VIDEO] 8.5 Lesson 13 Bell Pepper timelapse [VIDEO] 8.5 Lesson 13 Bee on Sunflower [VIDEO] 8.5 Lesson 13 Pollinators [VIDEO] This Bee Gets Punched by Flowers For Your Ice Cream Deep Look [VIDEO] This Vibrating Bumblebee Unlocks a Flower's Hidden Treasure Deep Look [VIDEO] 8.5 Lesson 13 Hand Pollination of Strawberries [VIDEO] 8.5 Lesson 13 Interview with Strawberry Farmer
Science Literacy: Reading Collection 4	
301	[VIDEO] Hummingbird Hawk Moth [VIDEO] Hummingbird Moth facts: also known as hawk moths Animal Fact Files [VIDEO] hummingbird moth documentary
Lesson 14	
306	[VIDEO] Want a Whole New Body? Ask This Flatworm How Deep Look
Lesson 15	
324	[VIDEO] 8.5 Lesson 15 Planarian Movement
Lesson 16	
333	[WEBLINK] Arm Span Data Set [WEBLINK] Arm Span Data Set Survey
335	[WEBLINK] Myths of Human Genetics

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](#).