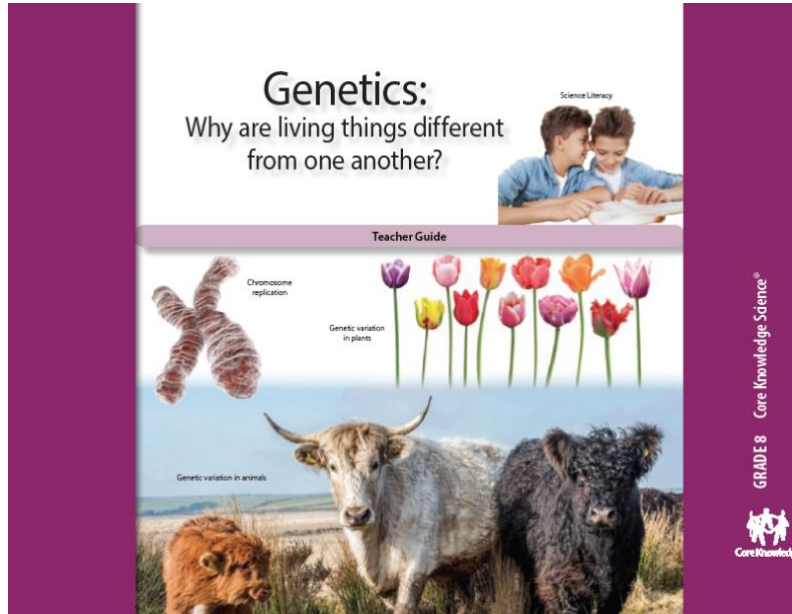


Genetics

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 |

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 | |
|--|--|
| 90 | [WEBLINK] Canva design tools [WEBLINK] Animaker [WEBLINK] Venngage Infographics [WEBLINK] Piktochart Storytelling |
| 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 |

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](#).

| | |
|---|--|
| | [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](#).