

Resource with Links	Description	Notes/Experiences? (If you shared a resource or want to offer yourself as contact person about it, explain tips or give your email here)
Gender Inclusive Biology	Curriculum and teacher resources around LGBTQIA-affirming biology teaching. For example, there's a document here that suggests specific ways to shift language to decouple sex from gender identity.	
Teaching Tolerance: Race ≠ DNA	Toolkit for addressing and debunking misconceptions and racist assumptions about genetics and race	
HHMI: Science of Skin Color	Videos and curriculum materials, including tips from teachers, are linked throughout the website. HHMI Biointeractive includes a lot of interactive stuff that might be transferrable to a remote setting.	
Evolution's Rainbow (book by Joan Roughgarden)	An evolutionary biologist explains the diversity in gender and sexuality among many species. See an interesting Q&A with Roughgarden here .	
Survival of the Sickest (book by Dr. Sharon Moalem with Jonathan Price)	From the book copy: "Joining the ranks of modern myth busters, Dr. Sharon Moalem turns our current understanding of illness on its head and challenges us to fundamentally change the way we think about our bodies, our health, and our relationship to just about every other living thing on earth, from plants and animals to insects and bacteria."	
Four part virtual fruit fly genetics lab	From Teachers Pay Teachers -- costs \$10 Simone D has been working on	

	adapting/enriching it to be more of a research project. Reach out with questions.	
DNA in Snorks , with student version and teacher version	Simone found this resource online. It seems to be more useful for younger grades. Also available on the Biology Corner website here .	
Barry's Recommended Readings in Genetics	Books and resources for genetic, complete with summaries and reading level assessments.	
NIH Genetics Simulations and Lessons	Recommended by Barbara. Topics include: DNA Structure, DNA Function, RNA Basics, Cell Biology, DNA Analysis, Inheritance, Evolution, Genetic Changes, Gene Therapy and Gene Editing, Precision Medicine, and Epigenetics	<i>A lot of the materials from Genetics Home Reference are being transferred to MedlinePlus as of Oct. 1, 2020; unclear whether these classroom materials are part of that.</i>
Assorted Genetics Simulations and Virtual Labs	Curated and annotated by Barbara. Thank you!	
Genes in Space	A great contest for student scientists (gr. 7-12) to enter: designing genetics experiments for ISS. JD and Sammi at ICE have experience with students submitting projects that grow out of classroom work. (Including a finalist!)	
Living Environment Curriculum Map	From Simone. Can be a great starting point for 9th grade genetics within a bigger curriculum. Includes standards and learning targets.	
Avida-Ed simulation	Can be used for modeling generations of bacteria really quickly. Can look for traits/inheritance over a population, virtually. A bit complicated; JD has some useful	

	resources.	
<u>Science with Mrs. Lau - Demonstration of Virtual Fly Lab</u>	Simulated Fruit Fly Crosses (for middle school-ninth grade)	