

Name:

Genetic Disorders Project

Task: *Our parents and ancestors pass their traits onto us, including our eye color, hand size, and even the length of our eyelashes. What about our health? Is it possible to pass health problems from generation the next? It will be your task to choose from the projects below to learn more about this possibility.*

Project Possibilities

- Medical Brochure or Pamphlet
- Newspaper Article
- Children's Book
- Informative Essay
- Scholastic Science Journal Article
- Patient Medical History or Examination Checklist
- *See me for approval on any other ideas*

Your Project Should

- Fully inform your audience about the genetic disorder's *causes, symptoms, treatments or cures, and any other meaningful information*
- Include images with captions
- Include a *reference page*

Possible Genetic Disorders

Albinism

Alzheimer Disease

Autism

Breast Cancer

Cystic Fibrosis

Cancer (*general or specific*)

Diabetes

Down Syndrome

Dwarfism

Hemophilia

Huntington's Disease

Lou Gehrig's Disease

Marfan Syndrome

Muscular Dystrophy

Phenylketonuria (PKU)

Retinis Pigmentosa

Sickle Cell Anemia

Tourette Syndrome

Works Cited/Reference Page

*You will need to create a works cited page that identifies **all** sources used in researching and making your project. At least **three (3)** sources are required for this project, but more than 3 is encouraged! Be sure to the following format:*

Website:

Author's Last Name, First Name. Website Name. Website Sponsor/Organization Name, Date of Creation. Web. Date of Access.

Book:

Author's Last Name, First Name. Book's Title. City of Publication: Publisher, Copyright Year. Print.

Image:

Last Name, First Name. Image Title. Year Created. Image. Image Sponsor, City. Website Name. Web. Date of Access.

Genetic Disorders Project Rubric

		NY	MS	ES
2	Be Precise - <i>Accurately represent solutions, ideas, and language.</i>	<p>_ My grammar and spelling errors make it difficult for the reader to understand my writing</p>	<p>_ I have a few grammar and spelling errors, but the errors do not make it difficult to read or understand</p> <p>_ I have included 3 sources of research in my works cited page</p>	<p>_ I have almost no grammar or spelling errors in my final product</p> <p>_ I have included 4 or more sources of research in my works cited page</p>
4	Communicate - <i>Make ideas and information understood, mindful of audience, purpose, and setting.</i>		<p>I have included a well-researched and written section for:</p> <p>_ Causes</p> <p>_ Symptoms</p> <p>_ Treatments/Cures</p> <p>_ I have included images throughout my product.</p>	<p>I have met MS Criteria AND my writing or product demonstrates a strong understanding of the genetic disorder. I may have done this by explaining difficult concepts in my own words, made deep connections to real-life, or included some other meaningful connection.</p>
7	Discern - <i>View, read, and listen with focused attention to what matters.</i>		<p>_ My graphic organizer or research notes indicate that I have read and comprehend the sources I have used during the research of my topic.</p>	<p>_ My graphic organizer or research notes indicate that I have a strong understanding of the sources I have used during my research of my topic.</p>
10	Plan - <i>Make deliberate plans, reflect, and persevere in order to achieve goals</i>		<p>_ I have submitted evidence of planning and research for this project</p> <p>_ During work periods, I am on task most of the time, but I may need some teacher redirection.</p> <p>_ I have met ALL deadlines</p> <p>_ My project has a clean and neat appearance</p>	<p>_ I have submitted evidence of a tremendous amount of planning throughout the course of this project.</p> <p>_ During work periods, I am on task and I do not need redirection from my teacher</p> <p>_ I have met ALL my deadlines</p> <p>_ I put a tremendous amount of thought and effort into delivering an innovative and polished product</p>