Genetic Conditions Research Project

Purpose: In this project you will focus on a genetic condition, learn about its history, how the disease is inherited, symptoms, etc. You will create an informational project to present to the class.

Procedure: Use the templates to do research on your disease. Cite all your research! Once research is complete, you have options on how you want to deliver the information.

1. Fakebook or Discovery Ed Board
2. News Documentary Style Video
3. Digital Brochure

You will get 3 days in class to work on this assignment. It is DUE FRIDAY MAY 5. This is a presentation day NOT a work day.

Topics to be addressed in your research:

* Signs and Symptoms of condition
* Tests for diagnosing
* Treatments/Medications
* History of condition
* Type of genetic inheritance (sex-linked, mutation, etc)
* Pedigree Chart
* Numbers impacted in US/worldwide

Use the rubric on the back to guide your project & the graphic organizer attached to guide your research ☺

I am researching: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I will do the following type of project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This is due on: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rubric for Project

* Genetic Condition
* What happens to the body? \_\_\_\_\_/3
* How is the condition caused?

(Environmental, chromosome #, etc.) \_\_\_\_\_/2

* How is the condition diagnosed? \_\_\_\_\_/5
* Symptoms (5 minimum) \_\_\_\_\_/5
* Is it curable, treatable, or fatal? Why? / How?

\_\_\_\_\_/4

* At least **5** Genetic Condition media items

(pictures, videos, readings, simulations) \_\_\_\_\_/25

* Background Information
* Who “discovered” the condition? \_\_\_\_\_/2
* List 3 facts about the discoverer \_\_\_\_\_/3
* When was the condition discovered? \_\_\_\_\_/2
* Statistics
* How many people does this affect? \_\_\_\_\_/4
* What certain groups of people are more affected? \_\_\_\_\_/4
* Where is it generally located in the world? \_\_\_\_\_/4
* 5 interesting facts you learned from doing this project \_\_\_\_\_/10

(Make sure your facts are new, not repeated facts)

* Rubric \_\_\_\_\_\_/2
* Oral Presentation (5 points each) \_\_\_\_\_\_/25
  + Avoid Use of Fillers (um, and, like, etc)
  + Speak with Appropriate Volume
  + Speak Clearly
  + Good Eye Contact
  + Act Professional When Presenting

**Total Score \_\_\_\_\_\_\_\_\_\_/100**