**Genetic Disorder Presentation**

Objective: Apply knowledge of gene expression and gene mutation to explore genetic disorders common to humans.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_You will choose a genetic disorder to research and create a google, PowerPoint, or Prezi presentation to be turned in electronically and shared with the class.

Name of Disorder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Title Slide**  Name of Disorder  Student Name  Class Period  Image  (1 Point) | **Introduction**  General Description of Disorder  Image  (1 Points) | **Genetic Cause**  Gene Mutation or Chromosomal Mutation  Details  Image  (2 Points) |
| **Diagnosis**  When can it be diagnosed?  How is it diagnosed?  Image  (2 Points) | **Occurrence**  How many people have this disorder?  Is it more common in some ethnicities?  Image  (2 Points) | **Symptoms**  List at least 5 symptoms (can be physical or mental)  Image  (3 Points) |
| **Treatment**  How can people with this disorder be helped? At least 4 examples.  Image  (2 Points) | **What can you do?**  How could you help a friend or family member with this disorder?  Image  (2 Points) | **Resources**  At least 3 resources  Hyperlinked into presentation  Image  (3 Points) |

Presentation: \_\_\_\_\_\_\_\_\_\_ / 18

Delivered Electronically: \_\_\_\_\_\_\_\_\_ / 2

Turned in by Due Date: \_\_\_\_\_\_\_\_\_ / 2

Clearly Presented to Class: \_\_\_\_\_\_\_\_ / 3

Total: \_\_\_\_\_\_\_\_ / 25

[Sample Presentation](https://docs.google.com/presentation/d/1ZJg-tq6M6B80HWRN9OBMJvnOBZf_VG22jG4cIfTx7rI/edit?usp=sharing)

Useful Resources:

<http://www.genome.gov>

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov)

<http://learn.genetics.utah.edu/content/disorders>

<http://ghr.nlm.nih.gov/>

<http://www.webmd.com/>

In addition, most disorders have their own websites.

Student Notes: Teacher Notes: