**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 DisorderStudent NameClass PeriodImage(1 Point) | **Introduction**General Description of DisorderImage(1 Points) | **Genetic Cause**Gene Mutation or Chromosomal MutationDetailsImage(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 resourcesHyperlinked into presentationImage(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: