**Genetic Disorder – Google Slides Presentation**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Genetic Disorder\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions:** You are creating a Google Slides Presentation on a selected genetic disorder. Please present your information as if I have no idea about this genetic disorder. Please be sure to answer all questions in order to ensure enough information about the genetic disorder that you have chosen.

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| --- | --- | --- | --- | --- |
|  | **Excellent**  **10 pts** | **Good**  **8 pts** | **Fair**  **6 pts** | **Poor**   1. **4 pts** |
| **Description** | Full description of genetic disorder. Detailed info written in simple terms in which an audience could understand. Explanation of any scientific terminology. | Description of genetic disorder given using scientific terminology that is not explained fully or in simple terms. | Basic description/definition of genetic disorder. Scientific terminology is used but rarely explained. | Definition of the genetic disorder is given. No use of scientific terminology in order to further explain the disorder. |
| **Inheritance** | Explains specific type of inheritance as well as explains in detail what this type of inheritance includes. | Explains specific type of inheritance (dominant, recessive, chromosomal deletion, sex-linked, etc.) | Mentions inheritance with one sentence | No mention of inheritance |
| **Detection/ Prevention/ Treatment** | Explains how it is detected in detail, and types of preventions or interventions. Discusses specific type of population in which it affects. Gives several types of treatments in detail. | Tells briefly how it is detected and if there are any types of preventions. Lists population affected as well as treatment. | Gives yes or no explanation for detection and prevention of genetic disorder. Lists population affected or treatment, not both. | No mention of detection or prevention. Does not list population affected or treatments. |
| **Creativity/ Neatness/ Spelling** | Very organized and easy to find info. Graphics included and neatly constructed. All criteria included. No spelling or grammar mistakes. | Neat, could use more graphics or colors. Somewhat organized. Missing 2 criteria. Spelling and grammar mistakes. | Includes some graphics, info is briefly labeled. Missing 3 criteria. Spelling or grammar mistakes. | Not organized, difficult to find info, no graphics included. Missing 4 or more criteria. More than 5 spelling and grammar mistakes. |

Grade:

**Genetic Disorder – Google Slides Presentation**

**Research Information**

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class Period\_\_\_\_\_\_\_\_**

**Genetic Disorder\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions:** Complete your research first. Find the answers to the following questions. Then, start creating your Google Slide Presentation. Have a teacher check your research before you start working on your Presentation.

**Teacher Signature**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **What are the symptoms or signs that someone has this Genetic Disorder? Write a brief description of the genetic disorder.**
2. **How is this genetic disorder inherited? Is it dominant or recessive? Do they know the gene that causes the disorder? What chromosome is the gene located on? What type of mutation causes the disorder?**
3. **How is this genetic disorder detected?**
4. **Can this genetic disorder be prevented?**
5. **What is the treatment for this genetic disorder?**