

**Genetic Disorders**  
**Mrs. Clarke - Science 7/8**  
**PowerPoint Rubric**

<b>Points Earned / Poss.</b>	<b>Requirement</b>	<b># of Slides</b>
_____ /5	<b>Notes</b> note page completed and approved	n/a
_____ /5	<b>Title Page</b> Disorder name (medical and common) Student name, date, Science 7/8, Mrs. Clarke	1 slide
_____ /15	<b>Background of disease</b> What causes the disorder? Is the disease a chromosomal abnormality? If not, what causes it? What gene or chromosome is affected by this disorder? Is it dominant or recessive? / How does a person inherit it? Is it sex-linked, recessive and/or dominant?	2 slides
_____ /5	<b>Statistics</b> What population is affected? Include statistics. Can anyone be a candidate for this disorder? What are the chances of a person with this disease passing this disease to their offspring?	1 slide
_____ /5	<b>Diagnosis</b> How is this disease diagnosed? Are there any prenatal tests for this disorder? Can this disorder be prevented?	1 slide
_____ / 5	<b>Symptoms</b> What are the physical symptoms of the disease? What is the life expectancy of someone with the disease?	1 slide
_____ / 5	<b>Treatments</b> How can the disease be treated? What help is there available for someone with the disease?	1 slide
_____ /15	<b>Quality of Life</b> What is everyday life like? / What is the quality of life? What limitations does the person have? What kinds of medical assistance will the person need? Will further assistance be needed as the child grows older?	3 slides
_____ / 5	<b>Research / Cures on the horizon? /Additional Information</b> What is the current status of research on this disorder? How possible is it that a cure will be found? What other information did you find that you would like to share?	1 slide
_____ / 5	<b>Sources:</b> List 3 reputable sources in MLA Style	1 slide

## Format of PowerPoint:

\_\_\_\_\_ / 5

### **Images:**

At least three images are utilized. Images are clear and not fuzzy. Images are properly cited.

\_\_\_\_\_ / 5

### **Information**

Information is "bulleted" – not in paragraph form  
Information is not too technical and is written in the student's own words.

\_\_\_\_\_ / 3

### **Background**

Background does not detract from text or other graphics for this project.

\_\_\_\_\_ / 2

### **Use of graphics**

All graphics are attractive (size and colors)  
and support the theme/content of the presentation.

\_\_\_\_\_ / 5

### **Text-font and choice of formatting**

Font size is clear and legible for presentation  
Font formats, color, bold, italic have been carefully planned  
to enhance the readability and content.

\_\_\_\_\_ / 5

### **Spelling and grammar**

Presentation has no misspellings or grammatical errors.

\_\_\_\_\_ / 2

### **Effectiveness**

Project included all the material needed to explain the topic  
and to help others understand the topic.

\_\_\_\_\_ / 3

### **Transitions/Animations:**

Sound or excessive animation was not used  
Transitions were used and added to the quality of the Presentation

\_\_\_\_\_ / 100

## **Total Points Earned on PowerPoint**

---

## **Presentation Rubric**

\_\_\_\_\_ / 15

**Content:** Shows a full understanding of the Disorder

\_\_\_\_\_ / 15

### **Comprehension:**

Student is able to accurately answer almost all questions posed by classmates.

\_\_\_\_\_ / 15

**Preparedness:** Student is completely prepared and has obviously rehearsed.

\_\_\_\_\_ / 15

### **Enthusiasm:**

Facial expressions and body language generate a strong interest and enthusiasm.

\_\_\_\_\_ / 15

### **Speaks Clearly:**

Speaks clearly and distinctly all (100-95%) the time, and mispronounces no words.

\_\_\_\_\_ / 15

**Posture and Eye Contact:** Stands up straight, looks relaxed and confident.  
Establishes eye contact with everyone in the room during the presentation.

\_\_\_\_\_ / 10

### **Listens to Other Presentations**

Listens intently, is respectful, and does not make distracting noises or movements.

\_\_\_\_\_ / 100

## **Total Points Earned on Presentation**