

Genetic Disorders PowerPoint Guideline

Mrs. Clarke - Science 7/9

- Number of Slides:** 12 Slides
- Format:** Information should be "bulleted" – not in paragraph form.
Information should not be too technical and must be written in the student's own words.
- Transitions/Animations:** You must use **at least three** images.
Do not use sound or excessive animation. / You may use transitions.

Your 12 slides should include the following:

- **Title Page** (1 slide)
Name of disorder, including medical name and common name
Student name, date, Science 7/8, Mrs. Clarke
- **Background of disease** (2 slides)
What causes the disorder? (Is the disease a chromosomal abnormality - extra or missing chromosome, mutation?)
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?)
- **Statistics** (1 slide)
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?
- **Diagnosis** (1 slide)
How is this disease diagnosed?
Are there any prenatal tests for this disorder? / Can this disorder be prevented?
- **Symptoms** (1 slide)
What are the physical symptoms of the disease?
What is the life expectancy of someone with the disease?
- **Treatments** (1 slide)
How can the disease be treated?
What help is there available for someone with the disease?
- **Quality of Life** (3 slides)
What is everyday life like? / What is the quality of life?
What limitations does the person have?
What kind of medical assistance will the person with this disorder need?
If the disorder affects a child, will further assistance be needed as the child grows older?
- **Research / Cures on the horizon? / Additional Information** (1 slide)
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?
- **Sources** (1 slide)
List 3 reputable sources in MLA Style

Turn in a printed copy of your completed PowerPoint on May 11, 2012