

NAME: _____ Genetic Disorder _____

Notes and Questions: Use this page to help guide your research. All information must be filled in before beginning to build your digital poster. You must use at least three references with correct MLA citation (electronic and/or print sources permitted). Feel free to add paper if needed for keeping track of your information.

1. Title/Introduction What is the name of your disorder? Are there any other names by which it is commonly known?

2. Mode of Inheritance:

- Chromosome Disorder: An abnormal condition due to something unusual in an individual's chromosomes. For example, Down's syndrome is a chromosome disorder caused by the presence of an extra copy of chromosome 21.
- Gene Disorder: A disease or condition caused by a recessive or dominant gene; or an absent or defective gene.

For ***chromosome disorders only:***

Which chromosome is causing this disorder? How is this chromosome affected? Chromosome disorders are **not** dominant or recessive like gene disorders. Instead, your answer may be something like monosomy (a missing chromosome), trisomy (an extra chromosome), deletion (large portion of chromosome missing) or addition (large portion of chromosome repeated).

For ***gene disorders only:***

What is the name of the gene that is causing this genetic disorder? Is it caused by a recessive or dominant gene or is it a mutation to a gene? Which chromosome is this gene located on? Is this inherited or random mutation? Explain what protein the gene SHOULD make and how it is affected now.

3. Clinical description and symptoms of the disorder- Summarize symptoms the person exhibits. What are the affects on the patient's body and lifestyle. How common is this disorder? How long do people usually live with this disorder? You may want to search terms such as "life expectancy".
