

# Genetic Disorder Research Project



## **Background:**

Genetic disorders (health conditions caused by abnormalities in the genes) affect millions of people worldwide. Knowing more about these disorders can help families cope with the disease and may lead to a future cure.

## **Your Job:**

Research a genetic disorder of your choice, and construct a digital poster including the following pieces of information.

1. **Title/Introduction** – Include your name and the disorder you researched, etc.
2. **Mode of Inheritance** - Gene or chromosome disorder? What genes or chromosomes are involved? Is the disorder recessive or dominant? Is there a mutation? Be as specific as possible.
3. **Clinical Description and Symptoms** of the disorder. List common symptoms the individual may exhibit. Include affects on the patient's body, life style, expectations for the future, life expectancy, etc.
4. **Treatment** - Include side effects and success rate with treatment.
5. **Conclusion** - Summarize what you learned about the disorder you researched. This should also include personal thoughts.

## **Bibliography/Works Cited:**

Give credit to the sources you used. NO CREDIT WILL BE GIVEN TO PRESENTATIONS WITHOUT A BIBLIOGRAPHY!

These tips will help you create an attractive and well organized project.

- Complete the basic project before adding other 'snazzy' features.
- Your audience can only read small amounts of text.
- Include graphics that are easy to see.
- Remember that too much variety is confusing.

## **Presentation:**

You will present your digital poster to the class as part of your project. You need to be familiar with your information, and have note cards to help you with details. This is your chance to teach the class something you have spent time researching. Show us that you are the expert!