

## Genetic Disease Project Instructions

You and your partner will receive a scenario in which a genetic disorder in your family requires you to make an ethical decision. Your job is to research any and all information related to your scenario and create a powerpoint presentation that you will present to the class. Your tasks are:

1. Research the genetic disease (in bold) that is mentioned in your scenario. **In your own words**, explain the medical issues associated with this disease **so that someone with no medical background will understand it.**
2. Research the genetic factors related to the disease. How is it inherited? Are the inheritance patterns predictable? Share what you learned about the inheritance pattern associated with this disease. If possible, use Punnett Squares to show the predicted patterns.
3. Use the knowledge that you now have to answer the ethical questions in your scenario. Remember that there is no right or wrong answer. You must make what you believe to be the best decision based on the medical and genetic information that you research.
4. Properly list the sources that you used for your research using noodle tools.
5. Practice so that you are ready to do a strong, coherent presentation.

### **Ethical Decisions**

1. pertaining to or dealing with morals or the principles of morality; pertaining to right and wrong in conduct.
2. being in accordance with the rules or standards for right conduct or practice, especially the standards of a profession: *It was not considered ethical for physicians to advertise.*