**Genetics Disorder Project Research Notes**

*Directions*: This page must be stapled to your final report and turned in on Thursday with the report. You do not need to write complete sentences for this. If you run out of room, please continue on a binder paper!This is worth **10 points**!

**Introduction**

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| **Websites you used for this section (Write the URL):** | *Some questions to consider:*  1. What does this genetic disorder affect?  2. What gene/chromosome does it affect?  3. How many people have this disorder? How many people might be carriers for it?  4. Who does this genetic disorder usually affect? Where is this genetic disorder most common?  5. Does it affect the physical appearance? Mental development? Brain? Nerves? Muscles? |

**Symptoms**

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| **Websites you used for this section (Write the URL):** | *Some questions to consider:*  1. How do doctors know if the person has this genetic disorder? What signs will tell the doctor that the person has this disorder?  2. What physical symptoms does the person have? What other problems (mental, vision, hearing, etc) does the person experience when they have this disorder?  3. What characteristics do people with this disorder have? |

**Causes**

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| **Websites you used for this section (Write the URL):** | *Some questions to consider:*  1. What mutation or abnormalities in the gene/alleles/DNA leads to this disorder?  2. How do these mutations or abnormalities lead to the disorder? What do those genes do? Do they make certain proteins/chemicals needed in the body?  3. Is this disorder recessive? How does the offspring get it? |

**Prevention**

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| **Websites you used for this section (Write the URL):** | *Some questions to consider:*  1. Can this genetic disorder be prevented (keep from happening)?  2. Is there a way for people to check if their offspring will have this disorder?  3. If they have a family history, what can the parents do? If they don’t, how can the parents figure out ways to make sure their child does not have this disorder? |

**Treatment/Medicine**

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| **Websites you used for this section (Write the URL):** | *Some questions to consider:*  1. Is there a cure for this genetic disease?  2. Are there treatments to relieve (to reduce) the symptoms?  3. What do the doctors recommend people with this disorder do? What do people living with this disorder have to do everyday in order to live? How does it help them?  4. Do people living with this disorder take medicine? What type? How does it help? |

\***Make sure you write down the websites where you get your information for each section!**