**Science 9 – Mutation Research Assignment –Value 100**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ March 30, 2017 DUE April 5/17**

Changes in the genetic code are called mutations. Mutations may be beneficial to the cell, but most are either neutral or damaging.

**I**. From the categories (1 to 5) listed below indicate a mutation that occurs in humans.

1. *Physical mutation*
2. *Birth mutation*
3. *Color mutation*
4. *Environmental mutation (chemicals, radiation, etc.)*
5. *Evolutionary mutation*

**II**. Indicate the following information (in the order presented below) in your research for each of the six (6) mutations indicated above:

* The name of the mutation (common and/or scientific name given) and a brief description. **(2 pts.)**
* The effects of the mutation to humans (physically and/or emotionally). **(8 pts.)**
* Interesting facts about the mutation (at least 3 up to 6 facts). **(6 pts.)**
* Provide a graphic/picture and/or video (1 – 3 minutes in length) of the mutation in humans. \*\*If none available (graphics) see teacher to discuss alternate idea. **(4 pts.)**
* Document to be completed in word document or Powerpoint or poster format (select only one).
* Cite all resources used (for all information and graphics used in final copy) in MLA format. SEE THE BACK OF THIS SHEET FOR OUTLINE TO BE FOLLOWED

**DUE WEDNESDAY, April 5/17**

**NOTE – THIS MARK WILL APPEAR ON THIS REPORT CARD SO I MUST RECEIVE THE ASSIGNMENT NO LATER THAN WEDNESDAY TO SUBMIT THE MARK IN OUR SYSTEM ON FRIDAY**

**TOTAL VALUE 100**

