



Biology Project Genetics



Write a formal essay, *in your own words*, at a sophomore level for vocabulary and concepts, on the contributions to society, industry, biology, or genetics that were made by one of the following geneticists or biologists, and any major awards given to the person. Include information about **how** the discovery was made and **how or why** this is important for genetics. This is NOT a biography, so you should not describe details about where or when the person was born or their family members. An alternative is to write a report about one of the topics listed below, explaining what it is, how it works, and why it is important (or an issue) for biology and genetics and our society today.

This paper **must** be a *minimum* of 300 words (1 *full* page) and should not exceed 700 words (about 2 *full* pages). You should use a 3-paragraph or 5-paragraph format. Not to be included in the word count **must** be a citation, reference, or bibliography of the source(s) used to write the essay, formatted according to your Writer's Inc. book. This must be included at delivery for full credit. **At least one source must be from print media (non-Internet)**, so use our library or a public library. Use Times New Roman 12 pt. font. This paper will be worth 100 points and will be graded based on the following rubric:

handwritten:	minus 20 points
typed, other than double spaced:	minus 15 points
meaningful information:	minus 0 to 10 points
average information:	minus 10 to 20 points
minimal information:	minus 20 to 30 points
correct citation format:	minus 0 to 10 points
no print source:	minus 5 points
no citation/references:	0% F; if this is late, 20 pt deduction
< 300 words:	minus 10 points
> 750 words:	minus 8 points
font/grammar/spelling/writing quality:	minus 0 to 15 points

Names:

1. Fred Griffith
2. O.T. Avery
3. Alfred Hershey
4. Linus Pauling
5. Martha Chase
6. James Watson
7. Francis Crick
8. Erwin Chargaff
9. Rosalind Franklin
10. Maurice Wilkins
11. Har Gobind Khorana
12. Trofim Denisovich Lysenko
13. Thomas Hunt Morgan
14. Barbara McClintock

Topics:

15. The Human Genome Project
16. Genetic Engineering
17. Cloning
18. Stem Cell Research

Sign up for your choice on the bulletin board. You must select your name or topic by _____.

No more than 2 people can write about a single name or topic.

Due date: _____