**EXTRA CREDIT OPPORTUNITY FOR 1st Semester DUE BY END OF DAY FRI JAN 5**

**You will read *ONE* CHAPTER FROM THIS BOOK,
 “Genome: An Autobiography of a species in 23 Chapters” by Matt Ridley.\*
 You can pick any chapter that interests you.**

* **As the title implies there are 23 chapters plus an introduction. Each chapter tells the story of one of the pairs of human chromosomes.**
* **"Matt Ridley recounts the history of our species and its ancestors from the dawn of life to the brink of future medicine,”**

**To demonstrate your reading, you will *create a WORD DOCUMENT and EMAIL it to me***

**Your document should include the following:

1) the title of the chapter as the heading**

**2) a visual representation of the gene discussed in the chapter**

**3) 6-8 sentences EXPLAINING the gene and its effects on humans**

**4) a vocabulary word from the chapter along with the definition, the sentence in which it was used during the chapter, and the page number on which it is found**

**5) 6-8 sentences describing something you learned you didn't know;
 OR something that surprised you
 OR something you read and how it links to one of the chapters we have studied
 OR something you would like to learn more about**

**6) Make a connection. Write a paragraph (6-8 sentences) EXPLAINING how something in the chapter you read connects to one of the 4 Big Ideas in AP BIOLOGY.**

|  |  |  |  |
| --- | --- | --- | --- |
| **EVOLUTIONThe process of evolution drives the diversity and unity of life.** | **MATTER & ENERGYBiological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.** | **INFORMATIONLiving systems store, retrieve, transmit, and respond to information essential to life processes.** | **INTERACTIONSBiological systems interact, and these systems and their interactions possess complex properties.** |