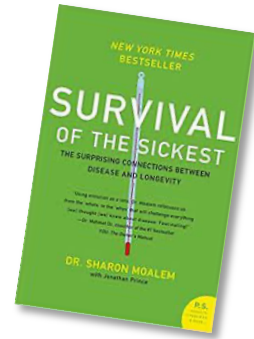


AP Biology Summer 2024 Assignment

Welcome to AP Biology!

Survival of the Sickest, by Dr. Sharon Moalem, is one of the most interesting science related books I have read and I hope you will be as captivated by it as I was.



Survival of the Sickest Assignment and Questions:

9 Reflections

You will have the summer to read *Survival of the Sickest*. This book is comprised of an Introduction and 8 chapters. Your assignment is to write a one or two paragraph reflection on each section of the book.

Below are different writing prompts from which you can choose for your chapter reflections. You must use each writing prompt at least once, and you can reuse a few of them.

1. Identify a quote or passage from this chapter that you found particularly interesting, thought-provoking, or raises further questions. Elaborate on your thoughts.
2. Identify something from a chapter that applies to your own life – something you can make a personal connection about. Write a question that you have about this topic.
3. Describe the coolest/oddest/scariest part of a chapter. One that made you go OMG!! Explain why.
4. Find a concept in the chapter that you are skeptical about. Explain your thinking. Do a little web research and see if you can get more clarification. Site your source and write what you learned.
5. After reading this chapter, did you delve further into a topic by looking outside the book for additional information? Describe what topic you looked into, where you looked and what you found.

Bonus:

If you really want to excel in AP Bio, review and write notes/diagrams on the following topics. These concepts will be important to AP Bio but will be covered quickly in class. 5 pages of well-constructed notes on these topics may earn you a bonus grade!!

- Steps of mitosis
- Steps of meiosis
- Cell structures and functions
- Biochemistry Properties of water
- Structure of water
- Cellular energy (photosynthesis and cell respiration)