

**AP Biology
Summer Assignments**

Part One

Read (and understand) *The Violinist's Thumb* by Sam Kean (ISBN 978-0-316-18233-1).

- For each chapter (including the Introduction), you get to write out a detailed outline or notes covering the main points of the chapter. This assignment should be in your own words, not copied from any source, and be typed in the Google Doc that is shared with you in Google Classroom. You may use any format that you like. There will be some topics that you are not familiar with or unsure of, and it is up to you understand these themes/topics. As you research these terms and concepts (in addition to anything that you find interesting and want to further research), please include the information that you find (as well as the source) in your outline/notes. You should differentiate this text from the book notes in some way (highlight, different text color, indents, etc.) so that I can easily see what you researched.
- Be prepared for a quiz on the first day of class.

This portion of the assignment is due Monday, August 12th, 2024, by 5:00 p.m. and should be submitted digitally through the assignment in Classroom. If you choose not to complete this assignment by the due date, you will not remain in this class.

Part Two—ONLY for those students who have not had a high school Biology class.

Read and understand Chapters 4-7 in *Campbell Essential Biology* (4th ed) by Simon, Reece, and Dickey. You do not need to get a copy of this textbook. I will give you access to a PDF of this reading through Classroom.

- For each chapter, you should write out a detailed outline or summary covering the main points of the chapter, including the definitions of the main terms. You may need to refer to other sources to help you understand some of the topics.

This part of the assignment is due at the beginning of the first day of class (August 14, 2024).

If you have any questions throughout the summer, please email me at dword@francisparkerschool.org, and I will get back to you as soon as possible.