

AP Biology Summer Assignment



These activities will definitely enhance your understanding of biology, keep your brain fresh, and hopefully get you excited about the world around you!

You will choose ONE of the 3 options below to complete over the summer. You will present to the class during the first week of school. This will count as your first major grade! Enjoy!

1. **Grow something** from seed and keep it alive until the first day of school. Photo-document its growth. Create a Google Slides Presentation documenting the growth and health of your plant. You will present to the class.
2. Go on **at least 5 hikes** somewhere (visit a state park, national park, or local forest preserve). **Keep a nature journal (a log of the life you observe)**. This can be written, drawn, or photographed. Try to identify all the species you observe. Create some type of presentation so that you can share your information with the class during the first week of school.
3. **Read** a biology-related book from the list below (13 options!). You will create a presentation or some visual aid to summarize the book and to share with the class.
 - a. [Survival of the Sickest: The Surprising Connections Between Disease and Longevity](#) by Dr. Sharon Moalem
 - b. [American Wolf: A True Story of Survival and Obsession in the West](#) by Nate Blakeslee
 - c. [The Big Picture: On the Origins of Life, Meaning, and the Universe Itself](#) by Sean Carroll
 - d. [Cowed](#) by Denis Hayes and Gail Boyer Hayes
 - e. [Cod](#) by Mark Kurlansky
 - f. [The Hot Zone](#) by Richard Preston
 - g. [The Immortal Life of Henrietta Lacks](#) by Rebecca Skloot

- h. [Jurassic Park](#) by Michael Crichton
- i. [League of Denial](#) by Mark Fainaru-Wada and Steve Fainaru
- j. [Second Nature: The Inner Lives of Animals](#) by Jonathon Balcombe
- k. [The Code Breaker: Jennifer Doudna, Gene Editing, and the Future of the Human Race](#) by Walter Isaacson
- l. [Your Inner Fish: A Journey into the 3.5-Billion-Year History of the Human Body](#) by Neil Shubin
- m. [Neanderthal Man](#) by Svante Paabo