

2026-2027 AP BIOLOGY SUMMER ASSIGNMENT

Dear AP Biology Student,

Welcome to AP Biology! I am so glad that you've decided to challenge yourself this year!

The countdown to the 2027 AP Biology exam has already started! This course is demanding, rigorous, and fast-paced. Everything we do throughout the year is in preparation for the AP Bio exam, which will require your fullest attention in class and a great deal of your time outside of the classroom. To maximize the time we have together, you will complete the following assignment over the summer.

Remember: Work smart, have fun, and get ready to hit the ground running on Monday, August 31!

Have a great summer!

Ms. Dolce

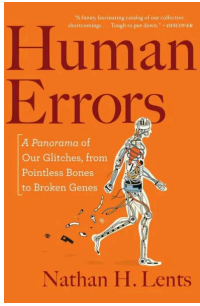
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PART 1: Biology Review on AP Classroom - Available on August 1, 2026

Please log into AP Classroom (<https://myap.collegeboard.org/login>) and use the join codes that will be posted on Google Classroom:

Within AP Classroom, you will see “assignments” for Unit 1, The Chemistry of Life, and Unit 2, Cells, which include daily videos and progress check questions. You should be familiar with most of the information from freshman Bio. These are to help you review *before* you start your Summer Assignment, and will not count as a grade. The Summer Assignment consists of 75 AP-style multiple-choice questions. You will be able to access the answers once you have submitted the assignment on AP Classroom. This will enable you to identify areas of strength and areas where you need to review further. The Summer Assignment will count as a **formative grade** (based on completion) and is **due on Monday, August 31, 2026**.

We will review, and you will be tested on this material within the first week or two of school. The test will count as a **summative grade**.



PART 2: Scientific Literacy

You will read *Human Errors: A Panorama of Our Glitches, from Pointless Bones to Broken Genes* by Nathan H. Lents (ISBN-13:9781328589262 Publisher: HarperCollins)

You can find the book at your local library or purchase it (relatively inexpensively) from Amazon, Barnes & Noble, or any other bookstore. You may use a hard copy or a digital copy of the book. If you are having trouble accessing a copy of the book, please let me know ASAP!

Type your answers to the following questions and print them out to be handed in as a hard copy on Monday, August 31. The book and analysis questions will be the basis for a summative project on Evolution during the first marking period.

Whole-Book Analysis Questions

1. What is the author's main argument about the human body?
2. Which example of a "human error" did you find most convincing? Why?
3. Which chapter changed your understanding of evolution the most?
4. How does the book use evidence from anatomy, genetics, and medicine?
5. What role do trade-offs play in evolution?
6. Does the book suggest humans are still evolving? Explain.
7. How does modern society interact with evolutionary limitations?
8. What examples show that evolution works without planning or foresight?
9. Do you think the phrase "human errors" is scientifically accurate? Why or why not?
10. What ethical questions arise from studying and potentially "fixing" human biological flaws?