

AP Biology Summer Assignment 2016-2017

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Congratulations on deciding to take on the challenge of an Advanced Placement Course. AP Biology is a vigorous, yet manageable and rewarding class. In order to meet the demands of the curriculum it is necessary for you to complete some work before you come back in August.

Please pay attention - there are several parts with different due dates!

SUMMER ASSIGNMENT

Part 1: Introduction Letter - due July 20, 2016

First, I would like to know a little about who you are so your first assignment is to send me an email. Your first AP Biology grade will be sending me an email...if only all of the grades were this easy ☺

Subject Line: AP Biology2017, Your Name

Body: Your full name (& nickname that you go by if you have one)

- What are your parent's names? What are your parent's emails and cell phone numbers?
- What other science classes have you taken? Or be taking at the same time?
- What do you like to do (hobbies, sports, music, interests, etc.)?
- Was there anything that you liked or disliked about your earlier science classes?
- What are you looking forward to the most in AP Biology?
- What are you most anxious about in AP Biology?
- Why are you taking AP Biology? What do you hope to accomplish/gain?

Don't worry! There is no right or wrong answer....be honest so that I can figure out the best way to help you next year! ☺

Part 2: Independent Reading: *The Immortal Life of Henrietta Lacks* by Rebecca Skloot - due by August 10, 2016

Read this book this summer and come in prepared for a quiz and discussion on August 10, 2016. Take notes as you read - so you can review it again before school starts.

Part 3: Familiarize yourself with the first 20 terms in this list.

Quiz 1 will be the 1st week of school. We will be having quizzes weekly on these prefixes and suffixes. Knowing these will help you understand the comprehensive vocabulary required in Biology. You will get the whole list in August.

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|------------------|---------------------|
| 1. a | without |
| 2. ab | away, off |
| 3. aceus, aceous | pertaining to |
| 4. acou | sound |
| 5. acr, acro | extreme, peak |
| 6. ad | to, toward |
| 7. adeno | gland |
| 8. agri | field or soil |
| 9. al | having character of |
| 10. alb | white |
| 11. algia | pain |
| 12. alto | high |
| 13. aero | air |
| 14. amphi, ameb | change |
| 15. amphi | on both sides |
| 16. ana | up |
| 17. andro | male |
| 18. anemo | wind |
| 19. ante | before |
| 20. antero | front |
| 21. antho, anth | case, capsule |
| 22. anthropo | man, human |
| 23. angi | vessel |
| 24. anti | against |
| 25. ap | to, toward |

Part 4: Guided Readings for Chapters 1-4 - due by August 10, 2016

Complete the Reading Guides attached:

Read the chapters - don't just hunt and peck for the answers. Make sure you understand what you are reading.