

## AP Biology w/ Ms. Puelle – 2023-2024 – Summer Assignment

Welcome to AP biology! To give you a taste of the content to come in this year's course, you will be completing a reading assignment this summer. To complete this assignment, please do the following:

1. **Go** to the following link (*you will need to be logged into your BCPS Microsoft account!*):
  - [APBio\\_SummerBookList.xlsx](#)
2. **Choose ONE** book to read.
  - There are fiction AND non-fiction books on the list.
  - *You do NOT have to purchase your chosen book-* you can borrow many from PHS's library system or the BCPS public library system
  - *If you want to read a book that is not on this list,* email [rpuelle@bcps.org](mailto:rpuelle@bcps.org) to ask if it is appropriate!
3. Below is a tic-tac-toe board of different tasks. **Complete THREE activities** (*either one row, one column, or one diagonal line*) for your chosen book.

<p><b>Quote identification:</b></p> <ul style="list-style-type: none"> <li>• Choose 10 quotes from the book</li> <li>• Write a short statement for each quote explaining its significance to the book and/or science</li> </ul>	<p><b>Profile a scientist:</b></p> <ul style="list-style-type: none"> <li>• Choose a scientist from your book (this may be the author if the author is a scientist, a fictional character, a real scientist, etc.)</li> <li>• Write a 50-100 word profile of your chosen scientist's life and work/research</li> </ul>	<p><b>Now in the real-world:</b></p> <ul style="list-style-type: none"> <li>• Find two mass-media articles related to the science of your chosen book that have been published since the book's release</li> <li>• Compare and contrast the content of those articles with that of your book</li> </ul>
<p><b>Compile a display:</b></p> <ul style="list-style-type: none"> <li>• Imagine a library display that features your chosen book</li> <li>• Choose at least 5 other pieces (books, movies, TV shows, artifacts, art works, etc.) that would be with your book in that display</li> <li>• Write a short summary explaining your choices and the theme of your display</li> </ul>	<p><b>Summary:</b></p> <ul style="list-style-type: none"> <li>• Write a one to two page summary of your book which includes:</li> <li>• an introductory paragraph saying why you chose your book</li> <li>• body paragraph(s) about the science, plot, and/or findings of your book</li> <li>• a conclusion paragraph saying what you thought of the book</li> </ul>	<p><b>Vocabulary List:</b></p> <ul style="list-style-type: none"> <li>• Compile a list of 15 vocabular words</li> <li>• Choose words that have scientific significance (in real-life OR in the fictional world of your book)</li> <li>• Define each word to the best of your ability</li> </ul>
<p><b>Set the Scene:</b></p> <ul style="list-style-type: none"> <li>• Choose a setting and/or scene from your book to draw/paint/model</li> <li>• Write a caption concisely describing your chosen setting/scene</li> </ul>	<p><b>Review:</b></p> <ul style="list-style-type: none"> <li>• Write a review of your book by giving it 1-5 stars (1 star being = it was the worst; 5 star being = it was the best)</li> <li>• In your review, use at least 6 pieces of evidence from the book to support your score</li> </ul>	<p><b>Dear Diary:</b></p> <ul style="list-style-type: none"> <li>• Choose a person from your book (a character, a real-life person, the author, etc.)</li> <li>• Write THREE diary entries from the point-of-view of that person</li> </ul>