Summer Reading for Advanced Placement Courses  
2018-2019

In addition to the summer reading for each grade, students who will take an Advanced Placement course may be given additional assignments. For more information about a particular course, contact the appropriate teacher.

AP American History (Pat Miletich)
For AP US History, you will use three sources of information: a textbook and a document/skills book. Homework assignments throughout the school year will be similar to your summer reading.

Read and take notes on Chapter 1: The Collision of Cultures
Advice on using a textbook:
1. Go to the end of the chapter first and read the conclusion. Then, page back through the chapter reading headings, subheadings, highlighted words, examine illustrations and their captions, and THEN the introduction and chronology of significant events.
2. Read the chapter for big ideas. These are easy to identify, particularly since you’ve already looked at the highlighted terms, headings, subheadings, and summary.
3. Read the chapter for key details. Beneath your big ideas, not those supporting details that support or illuminate the big ideas.
4. Plan to read the chapter ONCE but the notes you take MULTIPLE times as you review for quizzes, tests, midterms, and the advanced placement exam.

DON’T USE A GOOGLE DOC. I want your chapter notes to be meaningful for you. Write the notes in a notebook that you can keep handy for use in class. I will check it as part of your summer reading grade.

Read the preface, which describes the organization of the book and gives advice on its use.
Read Chapter 1: First Contacts. This corresponds to Period One, 1491-1607, in the AP curriculum. There are three Topics. Within each topic are documents. Work through the Practicing Historical Thinking questions for each document (write these down on paper to be turned in as part of the summer reading grade). Finally, there are two tasks to complete at the end of the chapter. First, is to complete the chart under New Skill/Causation and the last is to write a short essay following the steps under PUTTING IT ALL TOGETHER. The prompt is under Step 1. Keep the essay to two pages, handwritten.
AP Biology (Tamara Berthel)
Read Chapters 1 and 3 in the textbook: *Campbell Biology*, 10th edition by Reece, Urry, Cain, Wasserman, Minorsky, and Jackson. You may find it useful to take some notes or make an outline as you read. These notes will not be collected but may be used on the summer reading quiz.
*If you did not take Chemistry II or if you feel that you need a review of chemistry concepts, please read Chapter 2 as well.*

AP Chemistry (George Flatau)
Students may find used copies of the textbook on sale on the internet, using the ISBN: 0131096869.

1. Write a paragraph answering the two questions:
   a. “Why are you taking this course?”
   b. “What do you hope/expect to get out of the course?”

2. Textbook reading and problems:
   - Chapter 1: #25, 26, 31, 37, 39, 40, 45, 46, 47
   - Chapter 2: #14, 18, 24, 29, 53, 54, 55, 59, 61, 62
   - Chapter 3: #11, 19, 24 (a-c), 27, 33, 34, 43, 47, 51, 57, 63, 71, 73, 79

*NOTE*: Please read all (including the grey boxes) of Chapters 1-3 (most of the material is review) and pay the most attention to the atomic history sections.

Answers and help can be obtained by e-mailing Mr. Flatau.

AP Chinese
Please contact your teacher for information about your summer assignment.

AP English (Ann Wheeler)
In your total of three summer reading books, you should be sure to include at least one of the books marked by an asterisk on the English Department section of the twelfth-grade summer reading list.

AP Environmental Science (Kristin Droege)
Tragedy of the Commons by Garrett Hardin. Be prepared to discuss the information from this article and answer questions. You can find the article at this site, [http://science.sciencemag.org/content/162/3859/1243.full](http://science.sciencemag.org/content/162/3859/1243.full) and Chapter 1 of the assigned textbook. *Environmental Science for AP*, Second Edition by Friedland and Relyea. Which can be purchased through the USN bookstore or through the internet through ISBN: 1464108684. I recommend taking notes on this reading as it will be part of the first quiz in Unit 1.

AP French
Please contact your teacher for information about your summer assignment.

AP Physics (Wilson Hubbell)
Read through Chapter 3: Kinematics (pgs 23-70). Bring in written answers to the Test Your Understanding problems on page 70.

AP Spanish
Please contact your teacher for information about your summer assignment.