Summer Assignment for SPHS AP Research Students 2018-2019

Dear Researcher,

I must first and foremost congratulate you on your interest in challenging yourself with the AP Capstone program. The skills you have and will continue to acquire due to the Capstone program are paramount in your post-high school success.

The following summer work that you will have the opportunity to begin during your remaining time in AP Seminar has been crafted after much consideration and discussion with other AP Research colleagues. We are NOT about busy work, but there are some concepts and items that you need to establish prior to starting AP Research. These are concepts that should be considered while you have a summer with plenty of time to relax, refresh, and enjoy life. Know that you will be asked to dig deep, so please start now.

Please sign out a copy of *Practical Research: Planning and Design* (11th edition) from your AP Seminar or AP Research teacher prior to leaving for summer. Otherwise, you'll need to purchase one.

While only your research question(s) is/are due on the first day of school, you should be working on these assignments in AP Seminar and throughout the summer. This work will provide a foundation for your success in AP Research.

If you feel concerned, bewildered, overwhelmed, confused, frustrated, or any combination of the previously listed, please do not hesitate to contact me. I'm hardworking, and I believe it's my job to support you in any way you need. I will be checking my email and Remind messages throughout the summer, so feel free to contact me anytime.

Welcome to AP Research!

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P.S.: Being a part of the Remind group for this class is required. There are **three** ways to join:

1. download the Remind app & enter class code '@res1819'
2. follow the directions at this link: bit.ly/2jrddCc
3. text '@res1819' to the number '81010810'

PREP #1: Reading and Reflection

Although we will work on this during the first two weeks of school, you can get a head-start while you're still in AP Seminar. This will help to ensure that you have a firm foundation for Research, as well as decrease the amount of work you'll need to complete next school year.

Complete the following reflections. These reflections are purposefully driven to help you make the jump from AP Seminar to AP Research. Complete the reflections on Google Docs and keep them in your Google Drive in a folder titled "PREP". This is the beginning of your PREP (Process and Reflection Portfolio), a tool required by the College Board that will help you stay organized in this yearlong progress.

Please include the question when providing your responses. Responses should be at minimum a paragraph per question and should exhibit your ability to provide supporting textual evidence and in-depth discussion. This should go without saying, but all work should be checked for spelling and grammatical errors. As AP seniors, I expect your writing to reflect the years of instruction and practice you have exemplified. These reflections should be typed in Times New Roman, 12 point font, single- or double-spaced (your preference).

Text: Leedy, P.D., Ormrod, J.E. (2016). *Practical Research: Planning and Design. (11th ed.).* New York: Pearson.

Title of Reading	Pages	Questions for Reflection
"What Research is Not"	1-2	• What surprised you in this section? Why? • According to this section, how is AP Seminar different from AP Research? Explain your answer using textual evidence (cited in either APA or MLA) to emphasize your claims.
"What Research is"	2-7	• What part of this section interests you? Why? • According to this section, how is AP Research an extension of AP Seminar?
"Language"	11-12	• How will words influence your ability to conduct research? • Out of the four sections, which section did you connect to most? Why?
"The Human Mind"	17-22	• Which subsection – Critical Thinking, Deductive Logic, Inductive Reasoning, Scientific Method, Theory Building, and Collaboration with Other Minds – are you least familiar with? • Which subsection – Critical Thinking, Deductive Logic, Inductive Reasoning, Scientific Method, Theory Building, and Collaboration with Other Minds – is most critical for Research? Why?

Further Reading (Suggested):
Booth, W.C., Colomb, G.C., & Williams, J.M. (2008*). The Craft of Research. (2nd ed.).* Chicago: University of Chicago Press.

PREP #2: Summer Research Question Work (Due on August 13th)

Similarly to AP Seminar, the College Board wants you to present your AP Research academic paper with a research question. <u>The research question is crucial – your inquiry will generate from this question (or questions)</u>. Creating an effective research question is difficult, but immensely important, as a poor research question leads to poor research, a poor paper, and a poor presentation.

The following concepts are things to consider when attempting to build a research question for AP Research. Complete the requirements in the chart below, and write your initial question (or questions). Remember, the topic you decide to work with <u>must hold your interest for the entire year</u>. Choose something that you are interested in and passionate about – something that you're not going to hate in five or six months. Sit and reflect about your true interests for this course prior to completing this chart.

Complete the following reflection questions electronically (as part of your PREP in your Google Drive). The following elements are critical when attempting to build your research question. If you are struggling to understand the four major concepts – focus, scope, value, and feasibility – do not forget to reference the textbook frequently and earnestly. After answering the questions in this chart, attempt to write your research question. <u>Bring this question to class on the first day we meet. Your research question is the only assignment **due on the first day of school**</u>.

Please include the question when providing your responses. Responses should be, at minimum, a paragraph per question and should exhibit your ability to provide supporting textual evidence and an in-depth discussion. Remember to proofread for spelling and grammatical errors. These reflections should be typed in Times New Roman, 12-point font, single- or double-spaced (your preference).

Concept	Description	Reflection Questions to Answer (Required)	Additional Work (Suggested)

Focus
 	
Research Discipline and Topic
	• *Discipline*: Lens or section of focus
	  ○ Art
	  ○ History
	  ○ Humanities
	  ○ Hard Sciences
	  ○ Social Sciences
	  ○ Mathematics
	• *Topic*: Specific interest within a discipline that creates the basics of your research question
		• What discipline do you feel you are most successful in at school?
		• What discipline would you enjoy working in during your research?
		• What details can you add to your discipline to shape your topic interest?
			• Gather 10 research articles in the discipline of your interest.
			You can use these articles to help inform the structure and style of your academic paper. This will remove some of your confusion when you begin composing your academic paper.

PREP #2 (Cont.)

Concept	Description	Reflection Questions to Answer (Required)	Additional Work (Suggested)
Scope *Depth and Size of your Research Project*	• *Context*: The specific setting of your research • *Variables*: The items/people/situations/ issues/concepts being studied and/or manipulated	• What specific things will you study? People? Animals? Things? Concepts? Theories? • How will you work with the people/animals/things/ concepts/theories that you will research?	• Find 10 research articles that work with similar variables to your research interest. You can use these articles to help inform your research.
Value *Contribution to the Body of Knowledge*	The value of your research is determined by how your contribution enhances what is already known about the topic. You are expected to either add to the current conversation of a discipline or use multiple discipline conversations to create new knowledge.	• Will your research change the way we currently see the topic? • How will your research benefit society or your discipline of study?	• Find 10 current discussions about your topic. Look for contrasting views about the topic. You will be able to use this content for your literature review or discussion of your topic. This will help you locate the need for your project.
Feasibility *Possibility of Research*	Time, money, and resources can play a major part in determining the ability to complete your research. You will have around two-three months to complete your actual research project. -December - February-	• What will you physically and/or monetarily need to complete your research? • How long will your research take? • Do you have access to the things you need for research? • What adults from the professional world can help with your research (person or position/description)?	• Make contact with an adult who is skilled in your topic. Talk with them and ask if they would be interested in supporting you during your research process. The College Board heavily encourages you to have a consultant (similar to an AP Seminar mentor). Building a professional relationship with someone invested in your discipline will strengthen your academic paper.

PREP #3: Annotated Bibliography

Although we will work on this during the first several weeks of school, you can get a head start in AP Seminar. This will help to ensure your research question is focused and valuable, as well as decrease the amount of work you'll need to complete during the school year.

Once you have an idea of your question, you must look at what has already been done. Your research should build on existing inquiry, fill a gap, and contribute new information to your field. In order to fully understand what has already been done and what still needs to be answered, you must read and analyze existing research (i.e. secondary sources).

We will work on this throughout the first several weeks of school. In the end, you will create an annotated bibliography with a minimum of 40 sources. EBSCO, Gale, and Google Scholar are good databases to use; follow the links on sphsenglish.com to access them. Be sure to look for the most credible sources by (at least initially) limiting your searches to scholarly/peer-reviewed sources. They will also need to be full-text documents (not just abstracts). At least 25 of these sources will need to be from scholarly, peer-reviewed journals (respectable journals known for admitting well-researched, well-written studies).

An annotated bibliography is a list of sources with a few paragraphs in which you describe the study, methods, findings, limitations, and specifically how the study will aid your inquiry. Paragraphs should thoroughly analyze the research done, the methods used, limitations to the research, and information on how this specific study will inform your inquiry. This amount of information will take space: in other words, annotated bibliography entries should be a minimum of 250 words.

Please include the word count after the entry. This should be in Times New Roman, 12-point font, with APA citation. Each entry should be single-spaced, with a double space between entries. Remember to proofread your work for spelling and grammatical errors. See below for sentence starters and an example. Use Purdue OWL's online site for more information on APA citations.

Annotated Bibliography Citation Article Z in APA format Sample Sentence Starters:

This study is relevant to…... This article focuses on the…. This study explores the….. Z believes the….. Z provides evidence for the….. The author provides explanations for the effects …. Z provides research, from several sources, affirming the …..The author persuades…... Z claims….Z focuses on the problem of…... The author discusses the problem of….. The author claims…... Z asserts that…Furthermore, the author recommends… Z suggests….Z argues….This article is of interest to me in that it provides me with …..