***AP Research - Summer Work 2021***

***Welcome to AP Research! We are excited to work with you all, and we hope you are ready to continue challenging yourself with the AP Capstone program. In order to best prepare for the AP Research course, you will be required to complete three assignments designed to help you think about your approach to the class and ultimately creating a Research Question which will be the basis of your year-long project and paper. Each assignment will take between 1-4 hours, so please pace yourself, and give yourself enough time to complete each one. Please complete each assignment in order, and save these in a Google doc with each assignment clearly labeled. This work will be uploaded to Canvas on the first day of class, Monday, August, 9, 2021. Should you have any questions regarding this work, please contact either of the following:***

[***Broda.Kenneth.J@muscogee.k12.ga.us***](mailto:Broda.Kenneth.J@muscogee.k12.ga.us)

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**ABOUT PLAGIARISM:**

**Please keep in mind that all of your assignments should be YOUR original work and your work ALONE. Do NOT be tempted to share answers with another student or plagiarize from the internet because it will be easily detected in the turnitin.com website. Should any student(s) be found guilty of plagiarizing or copying another student’s work, he or she will receive a zero on the summer reading assignment, will have his or her parents contacted, and will appear before the CHS Honor Council for further disciplinary action. As our school motto reads, “Commitment, Honor, and Success,” we expect your work to mirror our desire for your personal success and academic excellence.**

***AP Research Summer Assignment #1—Approximately 2-3 hours***

Introduction to Research

You have completed a year of specialized research in AP Seminar. To make sure you are clear on how to transition to an independent academic research process, please go to the Office of Research and Integrity website (affiliated with the US Department of Health and Human Services) and complete the activities listed below.<https://ori.hhs.gov/content/module-1-introduction-what-research>.

This website features five modules that break down critical parts of research that you will need to understand for next year):

Module 1: What is Research?

Module 2: Research Design?

Module 3: Elements of Research?

Module 4: Methods of Information Collection

Module 5: Handling Information

Each module features a series of questions. In a separate document, please answer ALL discussion questions (approximately 54), that accompany each module. Your answers should be complete sentences. You can take the accompanying quizzes, but I am not checking for your answers on those.

***AP Research Summer Assignment #2—Approximately 1-2 hours***

***Topics of Interest***

***PLEASE MAKE A COPY OF THIS PAGE TO FILL OUT***

**(adapted from an assignment by Dawn Knight)**

**Part I: Interest Inventory**

The goal of this assignment is to brainstorm ideas for your AP Research project. Because you will spend an entire school year working on your project, it MUST be a topic that you are interested in. Complete the interest inventory before continuing with the next assignments.

*For this section, do a little research using consumer publications (like* The Atlantic, The Washington Post, NPR*, etc.) or scholarly resources using a reliable database ( Galileo -*current password - greet - will be changed June 30, 2021 to ribbon - this will be effective until August 6, 2021). *You can also consider topics you learned about in your classes or from personal interests. Fill out each box. Put the links for the sources you find in the “Answer” section. Your answers can be bullet-pointed phrases.*

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| **Question** | **Answer** |
| Look up topics related to art or culture (music, literature, film, theater, etc.). No summaries or analysis needed. What interests you? | Psychological effects of music  The effect of music on sleep |
| Look up topics related to the economy – U.S. or another country. What interests you? |  |
| Look up topics related to the business world. What interests you? |  |
| What are some current political issues in the U.S.? What interests you? |  |
| What are some current political issues globally? What interests you? |  |
| What are some historical topics that interest you? |  |
| What historical topics relate to a current issue today? |  |
| What are some health/medical related topics that interest you? |  |
| Which kind of science most interests you? What are some topics in that field? |  |
| What are some current ideas/issues happening in the world of technology? |  |
| What place interests you? |  |
| What is your favorite book? Movie? Why? |  |
| Who is your favorite content creator? Artist? Singer/Rapper/Musician/Band? Author? Director? YouTuber? Why? |  |
| Who is your favorite historical figure? Why? |  |
| Who is your favorite fictional character? Why? |  |
| What career are you considering pursuing? |  |
| In what ways do people surprise you? |  |
| What are some current issues in education that interest you? |  |
| Spend one day observing as you go about your day. What are some interesting things you notice? What do you wonder? What surprises you? |  |

**Part II**: *For this section, just answer the question. These can come from you or from your topic exploration in Part I, but they don’t have to.*

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| **Question** | **Answer** |
| What fascinates you? |  |
| What angers you? |  |
| What is something you are curious about? |  |
| What is a problem you would like to see solved? |  |
| What is a topic you are passionate about? |  |
| What prediction can you make about the future? |  |
| What is something you would like to create? |  |
| What is something you don’t understand but you would like explained? |  |

***AP Research Summer Assignment #3—Approximately 4 hours (especially if you complete the suggested work…which would be a SMART idea) Building Towards a Research Question (adapted from an assignment by Emily Lott)***

Similar to AP Seminar, College Board wants you to present your AP Research academic paper with a leading question; however, in AP Research this question is called a Research Question (RQ). The following concepts are things to consider when attempting to build an AP Research RQ. Complete the chart requirements and write your initial RQ. Remember, the topic you decide to work with must hold your interest all year. Use your responses from Assignment #2 to help you.

A Path Toward a Research Question (RQ): Complete the following reflection questions on a separate document. The following elements are critical when attempting to build your research question. Make sure you understand the four major concepts-focus, scope, value, and feasibility. After answering the questions in this chart, attempt to write at least two research questions. You will need these questions at the start of the year.

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| **Concept** | **Description** | **Reflection Question to Answer**  **(Required)** | **Additional Work**  **(Strongly Suggested –save all links to work in an organized, easy to access document)** |
| **Focus**  **(Research Discipline and Topic)** | • *Discipline*: Lens or section of focus  o Art  o History  o Humanities  o Hard Sciences  o Social Sciences  o Mathematics  • *Topic:* Specific interest within a discipline that creates the basics of your research question | • What discipline do you feel you are more successful at in school?  • What discipline would you enjoy working in during your research?  • What information would you love to add to your discipline to shape your topic interest? | • Gather 10 consumer or 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. |
| **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 do you think you will study? People? Animals? Things? Concepts? Theories? • How will you work with the  people/animals/things/concepts/  theories that you will research? Experiments? Interpersonal research? • Will you need qualitative data? Quantitative data? Both? | • Find 10 consumer or research articles that work with similar variables to your research interest.  You can use these articles to help inform your research method that you will construct in the course. These articles may not be in your discipline of choice, but they are modeled after work you may potentially execute. |
| **Value**  **(Contribution to the Body of Knowledge)** | The value of 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 see the topic in the future?  • How will your research benefit society or your discipline of study? | • Find 10 current discussions about your topic. Look for contrasting views about your topic.  You will be able to use this content for your literature review or discussion on your topic. This will 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. | • What do you predict you will physically need to complete your research?  • How long do you estimate your research will take? • Do you think you will have access to the materials you need for research? Technology? Contacts? |  |

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|  |  | • What professionals can potentially help you with your research? | College Board requires you to have an Expert Advisor (expert advisor is the language the College Board uses—NOT mentor). You are allowed to have more than one. Your primary expert advisor, however, should be outside of the school and should not be related to you. Building a professional relationship with someone invested in your discipline will strengthen your academic paper. By making a list of potential expert advisors - look on college websites, areas of interest, etc., and list contact names, email addresses, etc. |

**Research Questions (RQs)**

Use the responses to the information above to identify two topics and to write 2 research questions for each topic.

Topic 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Question 1 |  |
| Question 2 |  |

Topic 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- |
| Question 1 |  |
| Question 2 |  |