

## Magnet Advanced Scientific Research IV Summer Assignment

### About Advanced Scientific Research

This course is designed to equip you with the essential skills and knowledge required for conducting your own research related to your internship. The summer work is design to develop two essential skills: mastering American Psychological Association (APA) 7<sup>th</sup> edition formatting and reading and analyzing published research. In addition, you will brainstorm potential research topics. You will have approximately 13 weeks to complete your research; it is helpful if you have an idea of the topic(s) you may want to explore.

### To receive full credit for Summer Assignment

Your **completed** and **printed** assignments (Part 1-3) that includes **your name** on all parts must be submitted to your Advanced Research teacher on the **FIRST DAY OF FALL SEMESTER, August 1<sup>st</sup> 2024**. **This due date is for FALL and SPRING students.** Late submissions will not be accepted. If you have any questions, please email Ms. Dennis ([amanda.dennis@cobbk12.org](mailto:amanda.dennis@cobbk12.org)).

**Summer Assignment Overview:** Carefully read the following information for each part of your summer assignment. Begin by typing your name in the header of this document. Next, save this document in a safe accessible location.

There are three parts:

- **Part I - APA 7 One Page Guide and Practice Questions**
- **Part II - Source Journal**
- **Part III - Brainstorming Topics**

- For **Part I**, you will need to create a separate file for the guide, practice questions, and key.
- For **Part II-III**, you will type your responses within this word document. Do not delete or change the provided template. For printing purposes, there is no need to print the directions on page 1 of this document. You should print and submit the pages for Part II and Part III.

## **Part I: APA 7 One Page Guide and Practice Questions**

In this assignment, you will create a comprehensive APA 7 one-page guide that highlights the **10** most important aspects of your assigned APA 7 criteria (See Below). The purpose of the one-page guide is to provide a concise overview of the essential aspects of APA 7. The concise nature of the guide aims to give the reader key information and skills needed to apply APA style. Investigate common misconceptions or mistakes made using this style. Next, you will develop **10 – 15** practice questions to accompany your APA 7 guide, designed to reinforce understanding and application of APA style. The **one-page guide** should be organized, accurate, free of spelling errors, and visually appealing. Be creative – feel free to use any digital design applications; keep in mind you will need to be able to print this document. The **practice questions** should provide clear instructions for each exercise and leave space for students to complete their answers. Be sure the practice questions cover the aspects of your assigned criteria and promote practical application. **Do not forget to include a key to the practice questions.**

### **Assigned APA 7 Criteria by Last Name:**

<b>A – D</b>	Reference List: Guidelines for formatting a reference list, including various types of sources such as books, articles, online sources, and more.
<b>E – H</b>	Writing Style and Grammar: Be sure to address: <ul style="list-style-type: none"> <li>– Active and Passive Voice</li> <li>– Conciseness and Clarity</li> </ul>
<b>I – L</b>	In-Text Citations: Rules for various sources with examples.
<b>M – P</b>	Tables and Figures: Detailing how to properly format and cite.
<b>Q – T</b>	Paraphrases and Quotations: Guidelines for incorporating sources.
<b>U - X</b>	Plagiarism: Detailing definition and how to avoid it.
<b>Y – Z</b>	General Paper Elements and Format of a Student Paper.

## **Part II: Source Journal**

The source journal is designed to record key details and reflections from sources of your choosing. You are responsible for completing entries based on sources that resonate with you.

Be sure to explore several different types of sources--check the list below for suggestions on where to start:

- Journalistic sources: Newspaper and magazine articles, or online articles from news and media organizations.
- Multimedia sources: Podcasts, Talks, educational videos, music, radio, and documentaries.
- Academic sources: Peer reviewed studies and experiments, academic articles, and interviews with subject experts.
- Other primary sources: Books (fiction or nonfiction), poetry, plays, art works, brochures, speeches, museum exhibits, historic sites, physical artifacts, etc.

### **You must have at least THREE SOURCES in your journal:**

- TWO must be from academic sources.
- ONE can be any kind of source (including another academic source).
- The purpose of focusing on academic sources is that they will be the majority of your sources for your research paper.
  - Summary and reflection should be typed in your own words and in complete sentences. Attention: The summary should be 100 – 200 words. The reflection should be 100 – 200 words.

Include the following with each of the three entries:

### **Source 1**

<b>Title of Article</b>	
<b>Title of publication</b>	
<b>Author(s)</b>	
<b>Date of publication</b>	
<b>URL</b>	
<b>Type of Source</b>	
<b>Topics/Keywords</b>	
<b>Summary of piece (thesis and key point/conclusions) 100 – 200 words</b>	
<b>Personal reflection Take time to reflect on the source and answer at least two of the bullet point questions</b>	<ul style="list-style-type: none"> <li>• What interest you about this source? What personal question do you have?</li> <li>• What is something you found interesting, surprising, or worthy of further inquiry?</li> <li>• What additional questions emerge after reading this source?</li> </ul>

### **Source 2**

<b>Title of Article</b>	
<b>Title of publication</b>	

<b>Author(s)</b>	
<b>Date of publication</b>	
<b>URL</b>	
<b>Type of Source</b>	
<b>Topics/Keywords</b>	
<b>Summary of piece (thesis and key point/conclusions)</b>	
<b>Personal reflection Take time to reflect on the source and answer at least two of the bullet point questions</b>	<ul style="list-style-type: none"> <li>• What interest you about this source? What personal question do you have?</li> <li>• What is something you found interesting, surprising, or worthy of further inquiry?</li> <li>• What additional questions emerge after reading this source?</li> </ul>

**Source 3**

<b>Title of Article</b>	
<b>Title of publication</b>	
<b>Author(s)</b>	
<b>Date of publication</b>	
<b>URL</b>	
<b>Type of Source</b>	
<b>Topics/Keywords</b>	
<b>Summary of piece (thesis and key point/conclusions)</b>	
<b>Personal reflection Take time to reflect on the source and answer at least two of the bullet point questions</b>	<ul style="list-style-type: none"> <li>• What interest you about this source? What personal question do you have?</li> <li>• What is something you found interesting, surprising, or worthy of further inquiry?</li> <li>• What additional questions emerge after reading this source?</li> </ul>

### **Part III: Brainstorming Topics**

After completing all the source journal entries, you're ready to reflect and narrow down potential research topics to begin investigating. Remember your research topic for your paper needs to be related to your internship. If you already have an internship, brainstorm topics in that field of study. If you do not have an internship, brainstorm topics you are interested in and/or related to your potential internship.

#### **Topic Idea 1**

Topic/Area of Inquiry	
I am interested in this because ...	
A personal connection I have is ...	
About this topic, I would like to know ...	
A problem/issue that exist in this topic is ...	

#### **Topic Idea 2**

Topic/Area of Inquiry	
I am interested in this because ...	
A personal connection I have is ...	
About this topic, I would like to know ...	
A problem/issue that exist in this topic is ...	

#### **Topic Idea 3**

Topic/Area of Inquiry	
I am interested in this because ...	

Name:

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A personal connection I have is ...	
About this topic, I would like to know ...	
A problem/issue that exist in this topic is ...	