

Guided Inquiry and Generative AI

Immerse

Brainstorm a list of potential topics:

Generative AI prompt: List five key issues that impact ---- List one topic per box	My personal Brainstorming Topic List	Thoughts on Use	Questions/Concerns

What do I already know

Topic:	What does Wikipedia tell me?	Are there sources in Wikipedia that seem authoritative?
Type here	Type here	Type Here

What I know list	What does Generative AI tell me? Sample Prompt: "Write a bulleted summary about ___" ---	Reflect on the accuracy and depth of the Generative AI summary - how might this information be used? <i>Type your reflection</i>
	My Prompt:	
	Generative AI Response:	

Explore Sources

Brainstorm Search Terms

Use the list of things you know about the topic to help brainstorm search terms for your topic.

Search Terms - my list	Search Terms - Generative AI Sample Prompt: "List ___ ways to search for information about ___" - Provide me 5 Boolean-based search terms to locate information about ___"
	Your prompt
	Results - copy and paste

Brainstorm Sources

Consider databases, authoritative sources on the topic, experts, scholarly journals

Sources	Search Strategies to Use
EBSCO (KYVL)	
Gale in Context >> Opposing Viewpoints (KYVL)	

Gather Initial resources

1. Skim. Copy and paste or create the source citation in the second column. You will not be doing a deep read of the sources on the first try - you're only gathering possibilities.
2. After initial exploration, come back to this list and identify if you might use, use, or won't use the source.
3. Come back to the sources at a later time dig in for a deeper reading and make notes about what is useful. Categorize the source as a core resource, supporting source, opposing view, or abandoned.
4. Add additional rows as needed.

#	Source Citation If using a database or Google Scholar or EBSCO copy and paste from the citation link, or use Citations under Tools. Add a unique number for each source	Use?	What makes the source useful?	Source category
1		Might Use ▾		Core Re... ▾

2		Might Use ▾		Core Re... ▾
3		Might Use ▾		Core Re... ▾

STOP and Conference with your Teacher

Identify

Identify your inquiry question.

1. Generate a list of questions you would personally ask about the topic.
2. Then have your Generative AI tool of choice do the same.
3. Once you have narrowed down your choice – ask Generative AI to give you feedback.
4. Add additional rows if needed

Student Questions Review your summary and initial sources– brainstorm a list of questions for your research	Generative AI Questions Sample Prompts • Give me 10 research questions dealing with interests in topics like ____ • Develop a list of inquiry questions about ____ • I am a ____ (identify your role and purpose). Develop a list of inquiry questions about ____ (insert your topic) (ex. I am an AP Seminar student writing a pro/con analysis. Develop a list of inquiry questions about homelessness.)	Generative AI Question Analysis Use Generative AI to analyze the question(s) you think you might use • Analyze the quality of the question “____” • In what ways you improve the question “____”
	Your Prompt	Your Prompt
	Copy and paste the results	Copy and paste the results

Student Pause and Reflect on Question

What do you think about the feedback Generative AI has given you?	What is your proposed research question?
Your Reflection:	
What are your next steps?	
List	

STOP and Conference with your Teacher

Gather

1. Go back to your Initial [Resources](#) what are you going to read more deeply?
2. Provide a summary of the source as a bulleted list
3. Copy and paste, or type text directly from the source for use as quotations
4. Put the text in your own words with thoughts about how it helps answer your research question

Source # Use the source number from your resource list # here:	Summary – provide a summary of the text You can copy and paste shorter articles into Generative AI with a similar prompt: • Summarize the most important discussion points into a bulleted list <i>then copy and paste the article</i> • Summarize the results of this study for me into a table <i>then copy and paste the results section of the study into the generative ai tool</i> Your Summary Here:	
Copy and Paste Text from the article – could be used as quotes later	The text in your words/Notes on how it helps answer your inquiry question. This should be your words – NOT Generative AI	

Copy and paste this block for additional sources

Source # Use the source number from your resource list # here:	Summary - provide a summary of the text You can copy and paste shorter articles into Generative AI with a similar prompt: - Summarize the most important discussion points into a bulleted list <i>then copy and paste the article</i> - Summarize the results of this study for me into a table <i>then copy and paste the results section of the study into the generative ai tool</i> Summary:
Copy and Paste Text from the article	The text in your words/Notes on how it helps answer your inquiry question This should be your words - NOT Generative AI

Additional Search

Go find more detailed information to help with your inquiry question

Revised Search Terms - my list	Revised Search Terms - Generative AI Sample Prompt: List ___ boolean search terms to find information about ___
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	Your prompt
	Results - copy and paste

Pause and Reflect

Do you have enough information to answer your research question?
What are the big main ideas you plan to cover in your paper?
What are you still struggling with?
What has been successful?

STOP and Conference with your Teacher

Create: Outlining

Create to make meaning and generate new thinking

Using your sources, generate an outline that answers your research question in the space below.

Purdue OWL "[Types of Outlines and Samples](#)"

Do not use Generative AI to write your Outline

Final Research Question	
Outline	I. Type here A.

Outline Feedback

Using Generative AI, get feedback on your outline. Use the prompt stem below to help you craft your request: I am a ___ (insert grade level) writing a ___ (insert format of paper) that answers the question: ___ (insert question). Identify the strengths and weaknesses of the following outline: (insert outline) You might ask a follow-up question for suggestions for improvement	
Your Prompt	

Generative AI response	
Reflection	What will you improve on your outline before conferencing with your teacher?
	Do you need more research- or have you addressed the main parts of your research question?

Revised Outline

Final Research Question	
Outline	II. Type here A.

 STOP and Conference with your Teacher 