



FROM TOPICS OF INTEREST TO RESEARCH QUESTION

Research Core-Science
School Year 2021-2022
Dr. Wardisiani
jwardisiani@pths209.org



BEGIN WITH A TOPIC

Most research starts with a topic. But while starting with a topic is fine, you should not end with a topic.

Ultimately, you need to come up with a question that is worth answering.

Moving from a topic to a question is an important step in the research process.

SELECTING A TOPIC

The best way to start is to think about something that interests you and your intended audience.



What ever topic you choose, all things being equal, you want it to be something that you genuinely want to explore in great depth.



GOOD RESEARCH
QUESTIONS TEND TO
HAVE THREE (3) MAIN
CHARACTERISTICS:



1) THEY ARE
UNANSWERED



2)
APPROPRIATE
IN SCOPE



3) EMPIRICAL

CHARACTERISTICS OF GOOD RESEARCH QUESTIONS

GOOD RESEARCH QUESTIONS ARE UNANSWERED

- Research aims at producing original knowledge or answers.

The new knowledge must be based on original data or new interpretations of existing data.

- Read others researcher's work and evaluate it.

The idea that good research questions should be unanswered means that your questions should be about something that doesn't have easy factual answer.



- Sometimes you need to adjust the anticipated product to meet the scope of your question.
- Think about the kinds of data that you will need to answer your question.
 - Does it exist?
 - Do you have the time and resources to acquire it?
 - Do you have the skills to interpret it?
 - TIME is always a factor.
 - Do you require special equipment?
 - Does your work require funding?



**GOOD RESEARCH QUESTIONS
ARE APPROPRIATE IN SCOPE**



GOOD RESEARCH QUESTIONS ARE EMPIRICAL

- Empirical research questions ask how the world works.
- Normative questions and claims are subjectively based judgments about how you might want the world to work.
- Normative questions are those that proscribe or judge behavior.
- These questions are asked from a subjective standpoint and tend to produce subjective answers.



THANK YOU

Refer to the
POW for our
next upcoming
assignment.