

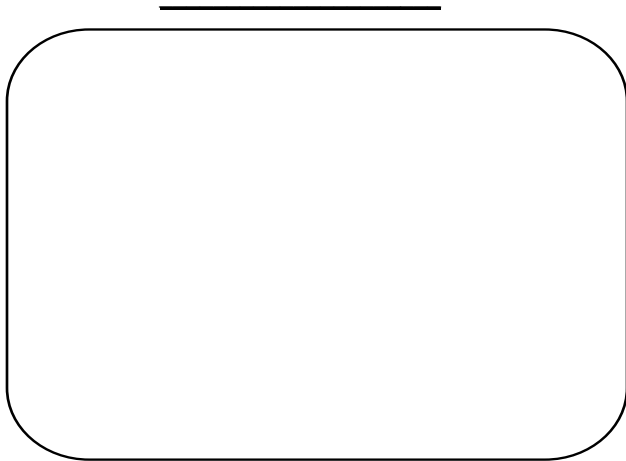
Dissect Your Research Topic

Dissecting your research topic helps you identify concepts or keywords to use in your search. This should be completed **before** you begin your initial search.

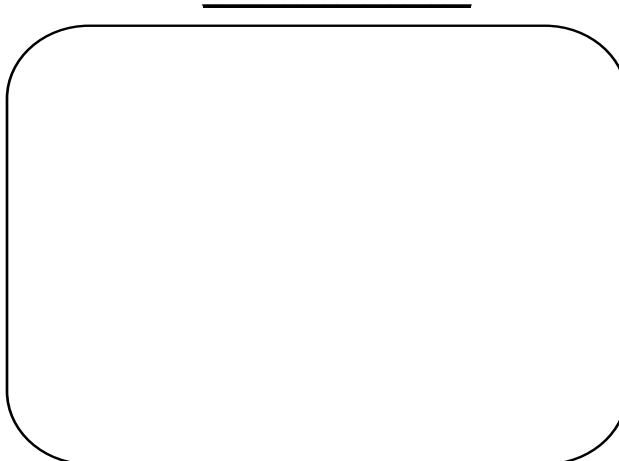
DIRECTIONS

1. Write your initial research topic here: _____
2. Write several questions about your topic using the “Who, what, where, when, why, and how?” model. Think about what you already know, what you need to find out, and the differences between how your topic has been (historically) or is (currently) discussed.
3. What are the most common words or phrases in your topic AND questions? Underline them.
4. Brainstorm some alternate keywords or phrases for each box. You will use different combinations of keyword or keyword phrases when you conduct your database, Google, or Google Scholar searches for web resources or articles.

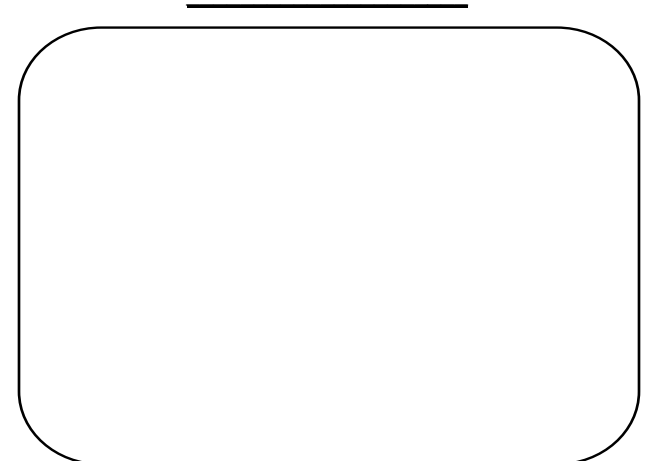
Original Keyword/Phrase or Theme:



Original Keyword/Phrase or Theme:



Original Keyword/Phrase or Theme:



AND _____ my search

OR _____ my search

An asterisk* searches for _____ of my keyword

Parenthesis keep like keywords _____ in my search

Quotation marks look for exact _____ in my search

Dissect Your Research Topic

Dissecting your research topic helps you identify concepts or keywords to use as you search for information. It helps you identify what you already know, provides you with an opportunity to think about your research topic in new ways, and identifies gaps in your knowledge. Complete **before** you begin your initial search.

Directions

1. Write your **initial research topic** here: lead poisoning
2. Write several questions about your topic using the “Who, what, where, when, why, and how?” model. Think about what you already know, what you need to find out, and the differences between how your topic has been (historically) or is (currently) discussed.

What issues have recently occurred due to lead poisoning?

How many people have been affected by water contamination as a result of the Flint Water Crisis?

What are the leading water treatments or water filtering methods to reduce lead contaminated water?

Why is lead toxic to the human body?

Who are the people typically affected by lead poisoning and what are the long-term health effects?

Where are other places that have tackled issues with lead poisoning and what were their solutions?

3. What are the most common words or phrases in your topic AND questions? Underline them and then write the three most common words/phrase on the line above each box.
4. Brainstorm alternate keywords or phrases within each box. You will use different combinations of keywords or keyword phrases along with Boolean Operators when you conduct searches in Google, the library catalog, or academic databases.

Original Keywords/Phrase or Theme Filter/Treatments

Boil order
Carbon Filtration
Charcoal Filtration
Distillation
Reverse osmosis
Soluble treatments
Water decontamination
Water treatment

Original Keywords/Phrase or Theme Lead

Flint Water Crisis
Lead concentration
Lead leaching
Lead pipes
Lead poisoning
Lead-based paint
Pb
Plumbism
Saturnism
Toxicity

(may need quotation marks around Lead XYZ)

Original Keywords/Phrase or Theme Water

Drinking
Filtered
H2O
Pipelines
Potable
Watershed
Well

AND _____ narrows _____ my search

OR _____ broadens _____ my search

An asterisk* searches for _____ alternate endings _____ of my keyword

Parenthesis keep like keywords _____ together _____ in my search

Quotation marks look for exact _____ phrasing _____ in my search