

Edmonds Research Process

1. Define the research questions
 - ❖ Select topic
 - ❖ Develop a central question/thesis
 - ❖ Explore general resources for an overview of topic
2. Prepare for search
 - ❖ Brainstorm a list of words, etc. that can be used in search
 - ❖ Formulate specific search questions related to thesis
 - ❖ Develop strategy for information search (gr. 12)
3. Locate information sources and search for relevant information
 - ❖ Use key words to locate a wide variety of resources
 - ❖ Find various primary and secondary resources relative to thesis
 - ❖ Record bibliographic information using MLA form
4. Interpret, evaluate and record information (take notes)
 - ❖ Recognize the relationships among ideas and central question
 - ❖ Determine reliability, credibility, and validity of data
 - ❖ Understand fallacies in reasoning
 - ❖ Evaluate bias of sources
 - ❖ Classify information as fact, opinion, and theory
 - ❖ Recognize and interpret relevant information
 - ❖ Select information and record using paraphrasing and direct quotations
5. Construct meaning by synthesizing and organizing information (Prepare the report)
 - ❖ Sort and organize information into logical format
 - ❖ Analyze findings and make generalizations
 - ❖ Analyze connections between thesis and sources
 - ❖ Integrate background information to support arguments
 - ❖ Include facts, observations, statistics and analogies as appropriate to support thesis
 - ❖ Create an outline which shows the logical progression of arguments supporting thesis
 - ❖ Document sources of specific information
 - ❖ Finalize list of sources used
 - ❖ Write paper using the writing process, addressing the central question, and supporting the conclusion with fact from research
6. Apply findings and/or present information
 - ❖ Present to a meaningful audience
 - ❖ Communicate what has been learned in writing the paper through a manner appropriate to the specific thesis (e.g. chart, display, video, presentation, or multi-media technology)
 - ❖ Answer questions from the audience with reference to data and resources
7. Evaluate process and product
 - ❖ Evaluate own paper and presentation against established criteria
8. Reflection
 - ❖ Discuss or reflect on process and results
 - ❖ Determine possible improvements