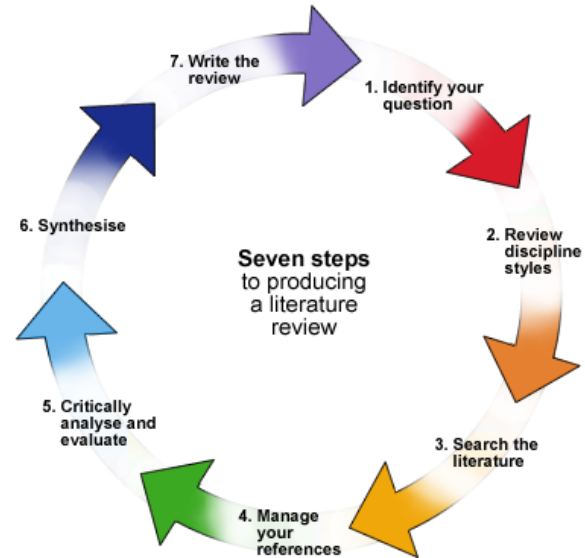


Project #7: Literature Review

For your seventh assignment, you are to complete Literature Review as follows:

1. Preparing for the Assignment

For this literature review, you will critique an article which examines the feasibility of online learning meeting the needs of gifted students. You will defend your position, and examine research methods contained within the article. To prepare for the assignment, you should familiarize yourself with this review's requirements. Read through the entirety of this document and then visit the resources provided. Keep in mind that you will expand upon these suggested resources with research of your own. Continue to refer to the rubric as you complete the project.



Article

Title: [Beyond the Classroom Walls](#): Teachers' and Students' Perspectives on How Online Learning Can Meet the Needs of Gifted Students

Author: D. Thomson

APA Citation:

Thomson, D. (2010). Beyond the classroom walls: teachers and students perspectives on how online learning can meet the needs of gifted students. *The Journal of Advanced Academics*, 21(4), 662-712.

2. Assignment Instructions

Prepare a 5-8 page literature review with the following components:

Part I Summary

After reading the article, address the following:

- Summarize the key points
- What is the purpose of this article?
- What methods did the author use to support the conclusions?
- Was the author objective in her presentation of facts and data?
- Was the information presented relevant to her major conclusions? What points support your observation?

Part II Research Design

Having read the article by Thomson as well as the suggested resources on experimental design, you will now look behind the overlying message of the article and analyze the research done in the study. Once you have a handle on these terms and definitions you are asked to apply this knowledge and to answer the same points listed below for each article researched and used to substantiate findings within your Literature review. Please address and expand upon the following points:

- Is this true experimental design or quasi-experimental design? Why?
- Are you presented with quantitative or qualitative research? How did you know?
- Was this a valid/reliable study? How did you know?
- How could you improve the study?

Part III Defend Your Position

In the third part of the assignment, you will take a position on whether online learning can or cannot be an asset to the classroom. You will need to support your position with data and reliable research. Make sure you maintain an objective stance as you gather data and formulate your opinion. Choose one of the positions in the table below, then, address and expand upon the following points:

Pro	Con
Identify at least 3 benefits of using online learning with gifted students. (For example, would this impact motivation, achievement, and overall pedagogy?)	Identify at least 3 problems with using online learning with gifted students in the classroom. (For example, how would this impact motivation, achievement, and overall pedagogy?)
Describe research studies that arrived at this conclusion.	Describe research studies that arrived at this conclusion.
What application do the results of these studies have for classrooms in your school?	What application do the results of these studies have for classrooms in your school?
Give an example of an application for your school that you would recommend as an outcome of this research.	Give an example of an application for your school that you would recommend as an outcome of this research.

Part IV Conclusion

To conclude your paper, summarize your discussion and predict what educators can expect to see in the near future with regard to online learning in their classrooms. Describe how we should monitor this trending topic for its effectiveness.

3. Assignment Grading

This project will be scored using the Formal Scientific Reasoning Scoring Rubric. Although there are four parts to your paper, there are six criteria by which it will be graded, according to the Scientific Reasoning Scoring Rubric. They are:

- Identification of a Problem or Topic
- Source Quality of Lit Review
- Research Design
- Method: Article Review Data gathering
- Defend Position
- Apply Research to Educational Setting

4. Assignment Resources

The basics of research and design:

- Quantitative research-
<http://www.experiment-resources.com/quantitative-research-design.html>
- Qualitative research-
<http://www.experiment-resources.com/qualitative-research-design.html>
- True experimental design-
<http://www.experiment-resources.com/true-experimental-design.html>
- Quasi-experimental design-
<http://www.experiment-resources.com/quasi-experimental-design.html>
- Reliability and validity-
<http://www.experiment-resources.com/validity-and-reliability.html>

Accessing the article search on Wilkes University's Library site:

- Go to My Home on LIVE
- Find Wilkes Library on the right side of the page
- Under 'Resources from the Wilkes Farley Library:', click **Databases and Indexes**
- Scroll down to **EbscoHost Research Databases**
- Select **EBSCOhost Web**
- Once inside EbscoHost, choose the database(s) you want to search such as Academic Search Premier and ERIC and click continue to begin finding articles
- Note that you can limit your results to yield only full text, scholarly journals, certain dates, and other criteria