**Choose one of the 7 literature reviews under Course Content (Werder, Ravenstahl, Daugherty, Adams, Reilly, Haynes, and JB. Number the paragraphs. Then take notes based on the following instructions. (You may have already done #1 last class, but review your notes.)**

**Stem education**

1. Analyze the introductory paragraph sentence by sentence. Identify the research question or questions and clues to the structure of the review (chronological, methodological, or thematic.)

* S1 - 2: There’s a pipeline
* S3 - 4: The pipeline research
* S5 - end: pipeline alternatives

1. Outline the body of the essay, excluding the introductory and concluding paragraphs, paying attention to subheadings (if any).

* Describe the pipeline
* Early exposure:
* Positive Experiences:
* Pipeline alternatives and problems
* The non-traditional half
* What’s missing

1. Look at how the material from the Text Analysis is used in the review. (You have the whole TA in the case of Adams. For the other essays, just look at how the cited article is used.)

I didn’t see a TA for this lit review.

Werder--Thompson

Ravenstahl—Cannady, Greenwald, & Harris

Daugherty—Bloms et al.

Adams—Steinhoff

Reilly—Lewis & Arbuthnott

Haynes—England et al.

JB--Medalia

1. Examine the References or Works Cited list. Look at the selection of sources and how they are used in the review.

I didn’t see a work cited for this lit review.

1. Analyze the concluding paragraph. What areas of consensus and controversy have been identified, and what ideas for further research are suggested? What else would you like to learn after reading this review?

The concluding paragraph states the problems with the STEM pipeline and how we could fix them. This lit review encouraged me to restart studying math after I graduate.