

SCI 200 Project Part Two: Speaking Notes Draft Guidelines and Rubric

Overview: An effective presentation includes a summary of the main points in the slides, but the presenter should add additional content in the speaker notes to help explain each point. Some presenters have the ability to memorize the details through cues in the outline of the presentation, and some can even speak off the cuff. However, for this project, you will create speaker notes for the slides in your presentation, which is due in Module Eight. This will help you consider the outline of your presentation and the content you want to include on each slide.

Prompt: For this assignment, you will be drafting the speaker notes that will accompany your 5- to 7-slide presentation. The speaker notes can be bullet points related to each item on the slides, or more developed paragraphs that help you fill in the details you wouldn't include on the slides. This choice is up to you, but either way, the speaker notes should contain substantial details that address each of the required parts of your presentation.

Specifically, the following **critical elements** must be addressed:

- I. Provide a brief overview of the **scientific background** of your issue and question. How does the issue relate to the natural sciences?
- II. Explain how the issue impacts the **audience**. In other words, how is the issue relevant to members of the audience? Why should the audience care about the response to your question or the outcome of your hypothesis? Support your response with specific examples from your research investigation.
- III. Describe the **empirical evidence** you have to support your conclusions about the impact of the issue on you personally and on your audience. Support your response with specific examples from your research investigation.
- IV. Explain why this issue is important to you **personally**. In other words, why did you select this issue to investigate?
- V. Illustrate how your **investigation** of the issue impacted the way you thought about the issue. In other words, how did thinking like a scientist to research, develop a question, and formulate a hypothesis affect what you thought about the issue you selected? How did scientific thinking change the lens through which you viewed the issue? Support your response with specific examples from your research investigation.
- VI. Communicate your **message** in a way that is tailored to your specific audience. For instance, you could consider your vocabulary, your audience's potential knowledge of current natural science (or lack thereof), and what is specifically important to the audience. This element will not necessarily be a separate slide or step in the process. In your notes that address the previous six prompts, note word choices or pieces that are specifically tailored for your audience.

Rubric

Guidelines for Submission: The draft of your speaker notes can be bullet points or paragraphs related to each item on the slides. Submissions should be 2–4 pages, double spaced, with 12-point Times New Roman font and one-inch margins. You should use current APA guidelines (or another format approved by your instructor) for any references. For your final project, please keep in mind that these speaker notes will accompany 5–7 slides.

Critical Elements	Proficient (100%)	Needs Improvement (75%)	Not Evident (0%)	Value
Scientific Background	Provides brief overview of scientific background of issue and question, and explains how issue relates to natural sciences	Provides brief overview of scientific background of issue and question, and explains how issue relates to natural sciences, but with gaps in detail or clarity	Does not provide brief overview of scientific background of issue and question, and does not explain how issue relates to natural sciences	15.8

Critical Elements	Proficient (100%)	Needs Improvement (75%)	Not Evident (0%)	Value
Audience	Explains how issue impacts audience, supporting response with examples from research investigation	Explains how issue impacts audience but with gaps in clarity, detail, or support	Does not explain how issue impacts audience	15.8
Empirical Evidence	Describes empirical evidence that supports conclusions about impact of issues on self and audience, supporting response with examples from research investigation	Describes empirical evidence that supports conclusions about impact of issues on self and audience, but with gaps in clarity, detail, or support	Does not describe empirical evidence that supports conclusions about impact of issues on self and audience	15.8
Personally	Explains why issue is important personally	Explains why issue is important personally but with gaps in clarity or detail	Does not explain why issue is important personally	15.8
Investigation	Illustrates how investigation of issue impacted thinking on the issue, supporting response with examples from research investigation	Illustrates how investigation of issue impacted thinking on the issue but with gaps in clarity, detail, or support	Does not illustrate how investigation of issue impacted thinking on the issue	15.8
Message	Communicates message effectively in a way that is tailored to specific audience	Communicates message to audience, but communication is not effective or is not tailored to specific audience	Does not communicate message to audience	15.8
Articulation of Response	Submission has no major errors related to citations, grammar, spelling, syntax, or organization	Submission has major errors related to citations, grammar, spelling, syntax, or organization that negatively impact readability and articulation of main ideas	Submission has critical errors related to citations, grammar, spelling, syntax, or organization that prevent understanding of ideas	5.2
Total				100%