

Journal Article Analysis Assignment

Learning Objectives:

- 1) Identify the components and characteristics of primary scientific research.
- 2) Analyze scholarly, scientific research articles in the field of health and wellness.
- 3) Describe how the main findings in scientific research apply to personal and public health and wellness.

Instructions:

For this assignment, you will find, read, and analyze a primary scientific research article pertaining to our current unit of study. Choose a scholarly, scientific article from the options provided on Canvas, and then **type** your answers to the questions in the worksheet provided. The boxes in the provided worksheet will expand as necessary. *Read with a pen and a highlighter in your hand (or the digital equivalents of these if you prefer to read PDF articles).*

Please refer to the rubric below for more specific details on assignment expectations. If you have any questions while completing the assignment, please feel free to reach out to your teaching team through Canvas Inbox for additional help. *You must use the provided worksheet to complete the assignment.*

Components of Primary Scientific Research:

There are five main sections common to all primary research articles. If an article does not have all of these sections, it is not a primary research article. Each journal has its own particular formatting rules, but all primary research articles will contain these sections:

- *Abstract*—a short paragraph at the beginning that gives a summary of the article.
- *Introduction*—it may or may not be labeled “Introduction,” but it is the first section and it describes the problem being researched.
- *Methods*—a description of how the research was conducted.
- *Results*—the data collected during execution of the research study.
- *Discussion*—a description of what the results mean, what contributions to knowledge are made by the research, how the research compares to prior studies, the conclusions derived from the research and, hopefully, how the research’s findings can be applied to “real life.”

Rubric:

Mechanical review: In order for this assignment to be graded, it must meet the following criteria:

1) The assignment was completed and submitted on time.

Descriptor	Superior	Good	Poor	Unacceptable	
Points	5	3	1	0	Total
Criterion 1: Identification of Components & Characteristics	All information provided in Sections 1 – 4 is complete and accurate.	Most information provided in Sections 1 – 4 is complete and accurate.	Most important details in Sections 1 – 4 are missing.	One or more sections are left blank.	
Criterion 2: Article Understanding	All information provided in Sections 3 – 6 demonstrates clear understanding of the article.	Information provided in Sections 3 – 6 demonstrates general understanding of the article.	Information provided in Sections 3 – 6 lacks substance, and demonstrates vague understanding of the article.	Information provided in Sections 3 – 6 demonstrates a misunderstanding of the article's purpose.	
Criterion 3: Research Applications	All information provided in Sections 7 & 8 demonstrates a high ability to apply scientific research to real life situations.	Information provided in Sections 7 & 8 demonstrates a general ability to apply scientific research to real life situations.	Information provided in Sections 7 & 8 lacks some understanding of how scientific research can be applied to real life situations.	Information provided in Sections 7 & 8 does not demonstrate how scientific research can be applied to real life situations.	
Criterion 4: Research Engagement	Student's engagement with the article's content is clearly evident from the information provided in Section 8.	Student's engagement with the article's content is generally evident from the information provided in Section 8.	Student's engagement with the article's content is somewhat evident from the information provided in Section 8.	Student's engagement with the article's content is not evident from the information provided in Section 8.	
Criterion 5: Formatting	The assignment is free from careless errors and complete sentences are used throughout.	The assignment has occasional surface errors and complete sentences are used throughout.	The assignment has several surface errors, but complete sentences are still used throughout.	The assignment is not written in complete sentences; OR student did not use the provided worksheet.	
Total Possible:					25