

Please read the assigned article and answer the following questions

What claim does this article make?

Step 1. What is the hypothesis/aim/objective of the paper?

- Write down the hypothesis that the authors are testing

Step 2. What is/are the major finding/s of the paper?

- Write down the authors' conclusions or findings as it is written in the article

- Now write those conclusions (as you understand them) in your own words

Remember your notes on paraphrasing...

Step 3. How did the authors' go about testing their hypothesis?

- List up to 5 methods that were used by the authors – try to explain them in your own words as much as possible.

- Why should we believe the authors?

Consider the following questions and write down (in your own words) the evidence that you find.

| Question | Evidence |
|--|----------|
| What information helped the authors develop their hypothesis? | |
| Was the methodology sound? How do you know that? | |
| How did the authors analyse their data? What test/s did they use? | |

Step 4. What is the importance of this scientific work?

- Write down (in your own words) the significant contributions of the experimental work in this journal article as reported by the authors.

Step 5. Based on your analysis, are the claims of this journal article accurate?

- Are the conclusions made (about the results) by the author accurate?
- Re-read your notes and explain why you think this is a strong/weak scientific article.