

NAME: _____

Aligned to the following standards:

FFA.PL-A; FFA.PL-C; FFA.PL-E; FFA.PL-F; FFA.PG-J; FFA.CS_N; CCSS.ELA.SL.9.10.1; CCSS.ELA.RST.9-10.7; CCSS.ELA.WHST.9.10.4; CCSS.ELA.RST.9.10.7; MP1; MP5; MP6; CRP.02; CRP.04; CRP.06; CRP.07; CRP.08

Explain It to Me

Part 1

Directions:

Read the following passages about the purpose of a research results section and complete the activities.

What is the Results section and what does it do?

The Results section of a scientific research paper represents the core findings of a study derived from the methods applied to gather and analyze information. It presents these findings in a logical sequence without bias or interpretation from the author, setting up the reader for later interpretation and evaluation in the Discussion section. A major purpose of the Results section is to break down the data into sentences that show its significance to the research question(s).

The Results section appears third in the section sequence in most scientific papers. It follows the presentation of the Methods and Materials and is presented before the Discussion section—although the Results and Discussion are presented together in many journals. This section answers the basic question “What did you find in your research?”

1. In your own words, describe the results section of a scientific research study.

2. According to the passage, how should the findings be presented? Underline the

3. In **purple**, circle where the results section is located in a scientific paper.

4. In **yellow**, highlight the basic question that the results section answers.



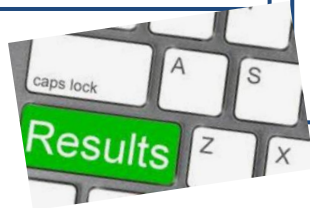
What is included in the Results?

The Results section should include the findings of your study and **ONLY** the findings of your study. The findings include:

- Data presented in tables, charts, graphs, and other figures (may be placed among research text or on a separate page)
- A contextual analysis of this data explaining its meaning in sentence form
- Report on data collection, recruitment, and/or participants
- Data that corresponds to the central research question(s)
- Secondary findings (secondary outcomes, subgroup analyses, etc.)

Finish the sentence: The results section should include ...

- Who/what will you be reporting on?
- Give two examples of how you will visually represent your data for your study.



Passages sourced from Wordvice at <https://wordvice.com/writing-the-results-section-for-a-research-paper/>

Helpful Tip: It is a good habit to discuss the results of each research question by itself.

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CRP.02; CRP.04; CRP.06; CRP.07; CRP.08

Part 2

Directions:

Now that we have discovered what a results section is and how it should be constructed, we are going to start laying out our own results section.



Record your research questions here so that you can reference them.

Select one research question to focus on for this activity.

How can you visually represent your data? (Ex. bar graph, pie chart, etc.)

Using this space, develop a visual representation of your data. It can be in any format that will accurately represent your results.

When adding text to your results section, always be sure to describe what you found. Now that you have created your visual representation for your selected research question, use the space provided to describe exactly what your results are. Tip: Remember, we should not use personal opinion in the results section.

Skiing to the Result

Directions:

Watch the video "The Last Run Is All David Wise Needed to Defend Freestyle Skiing Halfpipe Gold – PyeongChang 2018," available at <https://youtu.be/VZSzNxIND9w>. While watching the video, complete the following activity.

What is the Result?

How long ago did he win the X Games? _____

When the announcers were reviewing the run, were they using personal opinion in their results? Circle your answer.

Yes

No

When giving the results in a scientific paper, should personal opinion be given? How do the results of an athletic event differ from a scientific paper? Explain and give an example.



What is the purpose of a results section?

Why should we not give personal opinion in a results section?



What might happen if researchers give their personal opinions?

