**Please submit your FINAL Science Fair PowerPoint Presentation here.**

Only **one member of your group** needs to submit the assignment (assuming that you have [joined a group](https://cnusd.instructure.com/courses/18583/pages/how-to-join-a-group-science-fair) on this Canvas Course for your project).

Make sure that the **enhancement video is viewable and working** (not blocked or needing additional access).

Review the general notes below to make sure your presentation is not just good, but ***GREAT!***

**General Notes for Improvement**

**Abstract:**The abstract is a summary of your entire project. DO NOT spend the entire presentation reading every word of this. Your abstract slide should be BULLETS – simplify it. Cover the highlights. The remainder of your project will dive into the details. Explain your objective here and then move into the good stuff.

**Background:**You (the expert) need to teach ***us*** (the audience/panel) about the science behind whatever it is you are investigating. What do we need to know? Do not say “I learned X at this website” or “this website gave me info about X” – instead, TELL US what X is! Tell us what you learned. TEACH US about your topic. Use diagrams, images, photos to help you (a picture is worth 1,000 words!) and EXPLAIN what the diagram/picture/image is showing us. Make sure to ***cite your sources***on this page using proper APA citation ([parentheticals just like you would cite a source within a research paper (Links to an external site.)Links to an external site.](https://owl.english.purdue.edu/owl/resource/560/02/))

**Data:** pay attention to [your graphs (Links to an external site.)Links to an external site.](http://science-fair-coach.com/scientific-method/graphing-101-how-to-select-and-make-graphs/)! You need to have labels for your X and Y axis!! [Line graphs (Links to an external site.)Links to an external site.](https://labwrite.ncsu.edu/res/gh/gh-linegraph.html) should show a RELATIONSHIP between two things (like a ratio). You need to be able to explain the data to us, so KNOW YOUR STUFF! Don't flip through this quickly - explain it!

**Results**: The results are what the data TELLS us. (example: plant A grew twice as fast as plant B. Point to it on your charts and graphs!)

**Conclusion:**What do the results MEAN based on the scientific knowledge you have about the topic.

**Relevance:**Why does it MATTER? How can people/scientists/society use this information?

*Example: the plant grew more when you used chicken manure rather than bone meal****[results],****which means that, according to your background knowledge, chicken manure contains more nitrogen****[conclusions]****and therefore is a better fertilizer to use in a garden****[relevance]****.*

**Future:**Consider the next scientist. Consider that YOU may be the next scientists – what do we do now with this project? How can we continue the work and keep going? What gaps or further questions can be addressed in a new experiment? (“we could test X material” or “change the temperature” or “change X variable”). This should be something that you can expand on next year if you choose to do a similar project OR someone else could take and do to continue the work you started!

GENERAL PRESENTATION TIPS:

* **DO NOT face the board** and read from the slides. This is BORING and not helpful! We can read them ourselves. Tell us something new! **You may have index cards/note cards with you when you present, but make eye contact!**
* Don't have slides with TOO MUCH INFO! You should have only the most important information on your slides. Bullet point! Keep the font large enough to read from the back. Walls of text are not good! You should have the main points on the slide and then *elaborate* to us verbally – explain what you have on the slides and go into more detail! The exception to this are your MATERIALS and METHODS which need to be specific and detailed. ***Don't just put "water" tell us how much water! Units of measurement are important (just like a recipe - we need to know how much of each ingredient to use)***
* Lack of images and diagrams can lead to confusion. Include pictures (of your project or of other examples/illustrations online – **just be sure to give credit to your sources**) or diagrams and then EXPLAIN THEM to us in your presentation. What is the picture of? How does it work? What is happening in the image? Don’t describe a machine to us – **show** it to us!!
* PREPARE YOURSELF! PRACTICE PRACTICE PRACTICE!!!! You should not be surprised when you click to the next slide and see what it says. You should know your own project. You are responsible for every part of it, even if you worked with someone else on the project. KNOW YOUR STUFF!!!! You should be able to put every part of this project into your own words and explain it. DO NOT blame your partner for something incorrect on the slides, data, or presentation. **THIS IS** **YOUR PROJECT!! OWN IT!!! NO EXCUSES!!**

Top of Form

**Points**

100

Bottom of Form