

Kincaid's Lupine Soil Study Poster

Field Biology

For this poster, you will work with your Kincaid's Lupine soil groups to create a poster that summarizes your study. You should use PowerPoint to design this poster (follow the criteria below); exceptional posters will be printed and posted and your group will get extra credit. Your poster will be graded on completion (see the requirements below), scientific accuracy, and overall appearance.

PowerPoint Requirements:

1. You will use one PowerPoint slide for your whole poster. To do this, go to Page Set-up and select a paper size of 48" wide by 36" high. This is known as "E-sized" paper.
2. Use white backgrounds behind black text – this is generally the easiest to read.
3. There should be a title in a large font at the top center of your poster.
4. While you want your writing to be complete, do not include excessive amounts of text. The text should be sized so **that information is easily read from eight to ten feet away.**
5. Be sure to spell check and proofread. THIS IS CRITICAL. Points will be deducted for simple mistakes.
6. Use the posters that are posted in the hall and in F18 as examples.
7. Include photographs (available online) to improve the appearance of your poster.

Keep in mind that when most people read your poster, very few will start with the title and then work their way through the poster in the order listed below. The eyes of your reader will generally be drawn to large text, graphs, pictures, and diagrams. **Ensure that these things stand alone as much as possible.**

Poster Requirements:

1. *Introduction:* This section of your poster should include your "What is the relationship between" question. You should also include 3-4 supporting sentences that describe the soil characteristic you studied and discuss the importance of Kincaid's Lupine.
2. *Methods:* This section should be a complete step-by-step list of the methods you used to measure your soil characteristic.
3. *Data:* This section should include the consolidated data table you created in Microsoft Excel. Make sure your table is attractively formatted and properly labeled.
4. *Analysis:* This section will consist of the graph you created from your consolidated data table. You should also include 3-4 sentences that answer your "What is the relationship between" question. Include in your analysis:
 - The general trend you saw in your graph

- An interpretation of the R^2 value from your graph (greater than 0.6 generally indicates a strong correlation; less than 0.6 indicates a weak or non-existent correlation; this type of graph NEVER shows cause and effect!)
- A discussion of WHY you might have seen the results you did (in other words, speculate as to the cause and effect that your study might illustrate)