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Writing Assignment: Stained Glass Art Projects

You are going to observe and meaningfully comment on the art projects presented by our class (and potentially others).

1. Look at the piece of art, read the title, look at the colors, look at the lines, read the synopsis.
2. Think about how the work of art makes YOU feel, what does it make you think of? How does your mind get inspired? (put on a post-it note and put it on the black part of the paper)
3. Now think about the math: Where do you see slope? Where do you see y-intercept? (put on a post-it note and put it on the graph in the location of where you are referring)
4. Now compare the art to other pieces of art: What are the similarities and differences? How did scale affect the piece of art? How did slope or y-intercept get impacted by different scale factors?

SUMMARY OF YOUR EXPERIENCE: Take a few moments to brainstorm each of the questions above and write a summarizing paper detailing each aspect of our lesson today. Your paper should be organized by the following manner:

First paragraph: Introduction – introduce your reader to this project and what you were asked to do so the reader has some background information about this project.

Second Paragraph: Talk about how various pieces of art made you feel, etc. (Basically write a paragraph about #2 above)

Third Paragraph: Talk about the mathematics behind doing this project. What discoveries about equations, tables, graphs did you make?

Fourth Paragraph: How did scale factor affect the pieces of art? What conclusions did we make in class today about how scale factor would impact slope and y-intercept?

Conclusion Paragraph: Summarize the big ideas that you gathered from this project and how art and mathematics were related. Summarize what you learned about slope and y-intercept as well as tables, graphs, and equations (TALK ABOUT Y=MX + B)