

# Steps 7&8 - Construction Analysis & Final Reflection

Name: eli

Partner: skye

Now that the dust has settled, you can reflect on the success and failures you experienced in the building and testing of your earthquake-resistant structure. You should also reflect on how you and your group members contributed to the project.

Answer the following questions **AFTER** the earthquake testing takes place. All answers must be answered **clearly, completely, and restated**, and each person in your group must **write their answers in their own words**:

1. How did your building do during the earthquake tests? What parts of your design worked correctly and what parts of your design failed? Nothing really fell a sandbag did which was expected so maybe where the sandbags

2. What building designs did well in the classroom? Describe their features that helped them be successful. The paperclip connectors worked really well to keep it together and the trusses worked well to keep it standing

3. How would you change your design if you had to do it again? Specifically, how would you improve the weakest parts of your building AND how would you change your design? If you would keep it the same, what could you do to make it even stronger to achieve the next level of weight or earthquake strength? I would add a second truss and make a specific spot for the bags

4. What was your favorite part of this project? Why?  
The building and designing was hands on then other projects

5. What was your least favorite part of this project? Why?  
Watching it fail made me sad

6. Including yourself, how would you rate the attitude/cooperation of your group?

Me: Not so good

1 2 3 4 5 6 7 8 9 (10)

Great!

Partner: Not so good

1 2 3 4 5 6 7 8 9 (10)

Great!

7a. (If you worked with a partner) Would you want to work with the same partner for the next project? Explain why or why not. Yes i worked with him before he has really good ideas and actually works unlike some

7b. (If you worked alone) What was one advantage and one disadvantage of working alone?)

8a. (If you worked with a partner) How did you work with this group vs. groups from different projects over the year? Explain. I worked similar we both shared ideas the combined most we could and both worked on it

8b. (If you worked alone) If you had to redo this project, would you still want to work alone, or would you have preferred to work with a partner? Explain.

Insert a photo of your building AFTER the shake test here:

