Presentation Requirements

* Create a short presentation, about 5 minutes, that describes your roller coaster. Be sure to answer the following questions:

1. How did you come up with your roller coaster idea and name?
2. What real materials would the coaster be made of?
3. What special modifications does this roller coaster have to make it faster or taller?
4. What angle measures exist in your roller coaster, and how does that impact your speed?
5. How did your test go yesterday? Were there any corrections that needed to be made? If so, what were they and how did you make them?
6. What is the maximum and minimum speeds your roller coaster reaches and how did you find it?
7. Does your design fit in the land allocated for the project? How much space does your roller coaster take up?
8. Does your project stay under or over budget? How much would this roller coaster cost?
9. What safety precautions were considered in this project?
10. How was this project like the engineering design process? What similarities or differences did it have?
11. What obstacles did your group face and how did you handle them?
12. How did your group stay focused? What were the strategies that you used to be productive?

Here are some tips:

* These questions can be answered using a poster, powerpoint, or even a Prezi or slideshare presentation, whichever your group would like to do.
* Be sure to **dress appropriately** for the presentation in business casual.
* Pretend that we are the board of directors at DollyWood and you are trying to sell your roller coaster as the must have new attraction!
* Make sure that everyone in your group has a chance to speak, and make sure that the speaking parts fit the role that person had in the process. (example: engineers should speak about design modifications, while the bookkeeper should mention the budget considerations)