

## Wednesday Challenge Form

**Group Members:** Edgar, Nicholas, Alex, and Armen

**Problem Statement:** Make the bottom of a rocket using at least three sections. Make the transition from section to section as smooth as possible.

**Approach:** We brainstormed some ideas on how to make the bottom of the rocket. We saw that Alex had a pepsi can, and decided to use that as a guideline for making the bottom of the rocket. He cut the pepsi can and rolled it up, and then he cut the top and bottom to make it even. Afterwards, he made the pepsi can in Sketchup. So, we wet the cardboard to make it easier to bend into the shape of the bottom of the rocket.

**Solution:** Our final product was not as smooth as we liked between the transitions, which was reflected in our score.

**Lessons Learned:** If I were to do this again I would have worked at a faster pace. We wasted some time talking about irrelevant subjects and had to rush it at the end.