

Wednesday Challenge Form

Group Members: Edgar, Christian, and Jason

Problem Statement: Make a prototype of the winning idea, which is basically a motor prototype, and then present it to the class.

Approach: First, we brainstormed some ideas of what we were going to do. We wrote down our ideas on a piece of paper and then went to build our prototype. It had a spiral motor on top with a straw in the middle. It also had a box with 589 written on the side. We then had a circle with a part of it cut out like a slice of pie. Then, we had a long strip of cardboard with a pattern of slices being cut out.

Solution: We presented our idea and told the judges about how we would pull the strip of cardboard to pull the straw to generate a circular motion. We didn't figure out the costs of production yet.

Lessons Learned: If I were to do this again I would have figured out the cost of producing our prototype before presenting it to the class. I would've also worked faster to finish the prototype.