

Date: 1/27/16

## Wednesday Challenge Form

Group Members: Alvin, Ian, Cole, Keilah

**Problem Statement:** Create something out of a limited number of postit notes that will roll as far down on a 15' ramp at  $15^\circ$  as possible.

**Approach:** We built a simple roller out the single postit note that we were provided. I used a slightly tapered highlighter to make sure that both ends of the roller were the same circumference, and also to keep it as circular as possible, and used a pencil to make the adhesive of the postit note as secure as possible. When we rolled the roller down the ramp, I took extra time to make sure that the roller would roll in as straight of a line as I could manage.

**Solution:** We won >:3

**Lessons Learned:** Although accurate designing and fabrication are an important part of building a working device, good driving is just as important, and can often make or break a device.