

## Wednesday Challenge Form

Group Members: Krish, Derek, Lucas, and Andrew

**Problem Statement:** Construct a better version of the last Wednesday Challenge's winning team's device. The winning team was Alvin's, and they constructed a simple spinning device that when spun into the air, would spin and fall slowly downward.

**Approach:** My team and I decided to construct the spinning device's "blades" or "spinners" out of cardboard. We decided to cut the blades into semi-ovular shapes and bend them for air flow to occur. This didn't fly well, so we cut the blades bigger and in rectangular shapes. This also didn't work well. Lastly, we decided to make a whirly spinning "blade" and put that on the pen, which flew alright.

**Solution:** Jason's team won with their beyblade design of the spinning device.

**Lessons Learned:** Our device needed to be more aerodynamic in flight.