

Wednesday Challenge Form

Group Members: John, Jess, Matty and Sona

Problem Statement:

Continuing from last week, we have to make a prototype of what the winners have. The cost and the time needs to be estimated for the judges to grade us.

Approach:

Matty came up with the idea how we would be building the product. We will use blue straws to represent the school robotics color and white paper for the swirl. The problem was that our toy wouldn't fly properly when it was thrown in the air. The swirl that was suppose to help it from flying didn't help well. In front of the judges, each team presented their product's prototype. Most teams had the propeller wings as their designs with a stick attached to it.

Solution: Connor's team won the challenge. The design was to have a blade with a starter to make it fly up. It was chosen as it was the most unique and creative than the other team's designs which were similar.

Lessons Learned: If I would do this challenge again, I would see how the wings or the propeller will actually work out to fly as the way that we want it to be.