Date: 8/10/16

Wednesday Challenge Form

Group Members: Me-Krish, Jason, Erin, and Carlos

Problem Statement: Design a bridge made of spaghetti and wood glue.

Goal is to make the highest efficiency bridge. Efficiency is defined as the ratio of the Supported bridge weight to the mass of the bridge. The supported weight will be provided by water. The span distance will be 24". Each group will be provided 120 pieces of spaghetti, However only 20 can be used in the final design. In addition, the bridge must accommodate The weight attachment hardware provided by me. Refer to the JPL Invention Challenge Bridge Challenge for reference. Duration was 2.5 weeks.

Approach:

Solution: We made a bridge with a score of .6142857143, we also got disqualified for having our bridge touch the cinder block. The winner had a score of 13 exactly.

Lessons Learned: If I were to do this again, I would make sure everyone actually worked on it for the whole time. At times our group members were pulled away because they had to do their websites. Also our veteran had to work on something else for the class, so we didn't have the opportunity to take advantage of having a veteran on our team.