Date: 8-10-16

Wednesday Challenge Form

Group Members: Connor, Rowhin, David, and

Problem Statement: Design a bridge made of spaghetti and wood glue. The 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 100 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 Dr. Neat. Refer to JPL Invention Challenge Bridge Challenge for reference. Duration was 2.5 weeks.

Approach: The strategy we used involved Triangles and laying the noobles on top of Each other. We got this idea from real life And how the have triangles as supports.

Solution: Our bridge came in first place with a score of 13.

Lessons Learned: Although we won, I would still have done some things Differently. First, we did a sloppy job on the bridge being symmetrical. Also Connor messed up our score by dropping water that should've been added to our score.