

## Wednesday Challenge Form

Group Members: Sophia, Derick, Sam, and Paul

**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 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 me. Refer to the JPL Invention Challenge Bridge Challenge for reference. Duration was 2.5 weeks.

**Approach:**

**Solution:**

**Lessons Learned:**