

Date:

Wednesday Challenge Form

Group Members: Elisabeth, Mason, Cole, Dimitri

Problem Statement: Make a bridge out of only 20 spaghetti sticks that can withhold a jug with water being poured in. You only have 110 spaghetti sticks so there can only be 5 tests and one final bridge done.

Approach: We discussed different bridge ideas and drew them all out. We made measurements and figured out how many spaghetti sticks we would need to use. We made 2 different types of bridges. Our first one that we made was our best one so we decided to use that style of bridge for our testing bridge

Solution: We made a bridge with a score of 7.24. The winners score was 13.

Lessons Learned: If I were to do this again, I would create more bridge types. We only designed about 3 different modes