

Wednesday Challenge Form

Group Members: jack, chris, etc... bridge group basically

Problem Statement: Make a bridge that can span 8 inches out of a 8.5 x 11 piece of paper and hold the maximum amount of pennies.

Approach: I made a prototype of a bridge that I've seen work and it held quite a lot so it became the design. It was a multiple folded triangles on the sides with a pouch in the middle to hold the pennies.

Solution: Ours worked the best out of both classes and we were one of the two bridges that didn't fail. Although we kept adding pennies until time ran out while the other team stopped and said that was the max amount the bridge could hold.

Lessons Learned: I learned that the strength of paper works to hold a sizable weight when folded and left in the strongest shape.