

Date:8-10-16

## Wednesday Challenge Form

Group Members: Christian, Jacob, Jess

**Problem Statement:** Design a bridge using spaghetti and wood glue that will have to span 3 feet across. We will have to use only 20 spaghettis for the bridge. We will have 120 spaghettis for the final bridge and 20 for the real one that will be tested. Our score of the bridge will be a ratio: the mass of the bridge divided by the mass that the bridge held.

**Approach:** Our group tried making a bridge  
That was a triangular prism. It would have  
pieces of spaghetti going across it.

**Solution:** Our solution was to have the bridge  
To hold as much as it could in the best form.

**Lessons Learned:** An important lesson that our  
Learned was to let the glue dry for 2 days for a better product