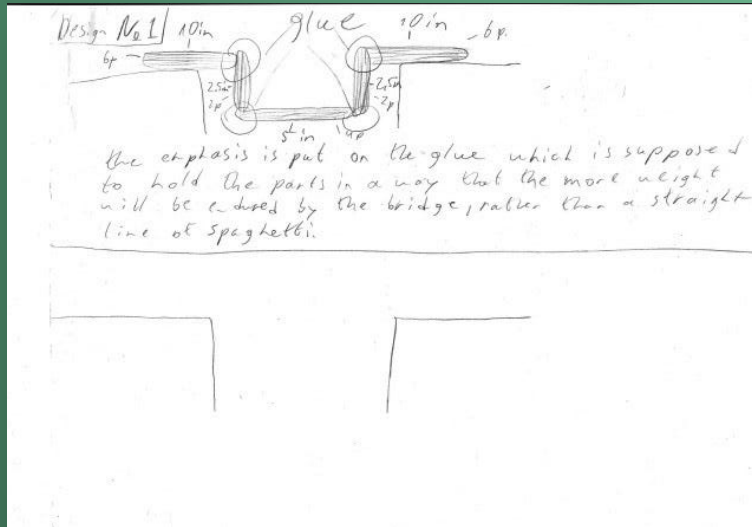


Spaghetti Bridge

Joel, Rafayel, Abdul

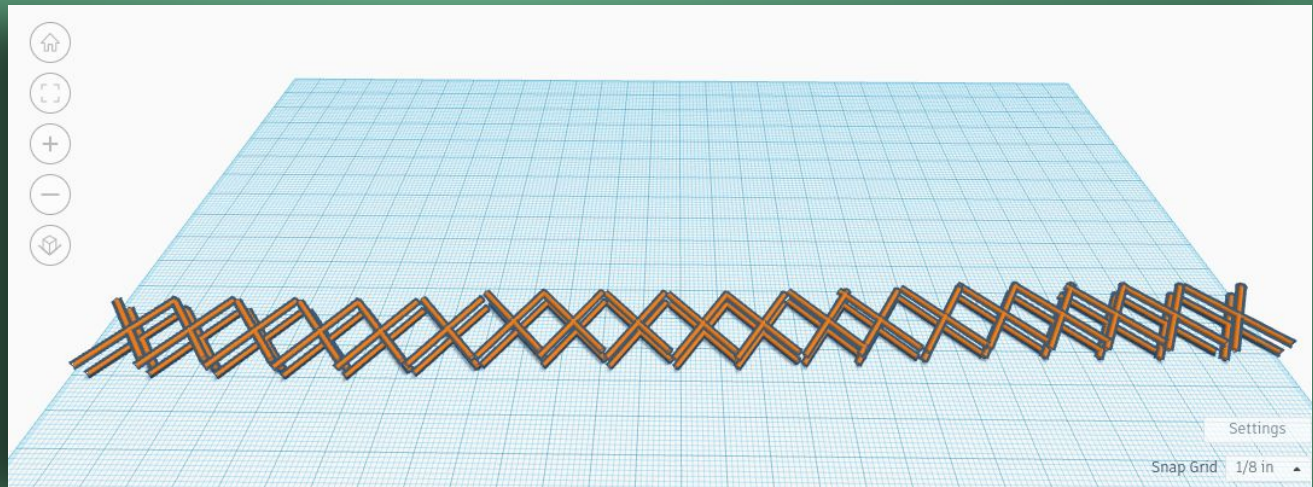
First Design

We tried to make some sketches of what our bridge would be, but our first design didn't work as well as we wanted it to, so we made our second design which we put more time into, and the second design is our second to last, one, it broke before we could even test it so we had to modify it and make it better, which leads us to our third design, which is our final one.



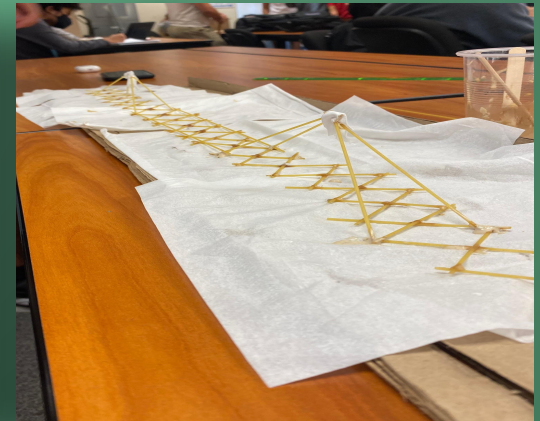
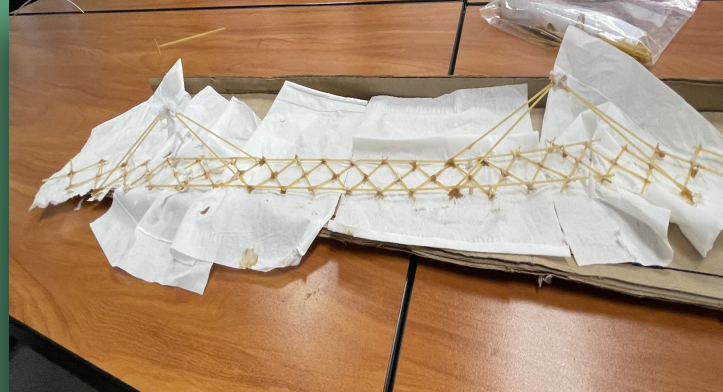
Second Design

After our first sketch we made this, the plan is to cut the spaghetti into four pieces each and make them into an X and connect those X's and essentially build a bridge out of it. The supposed length of the bridge is 30 in.



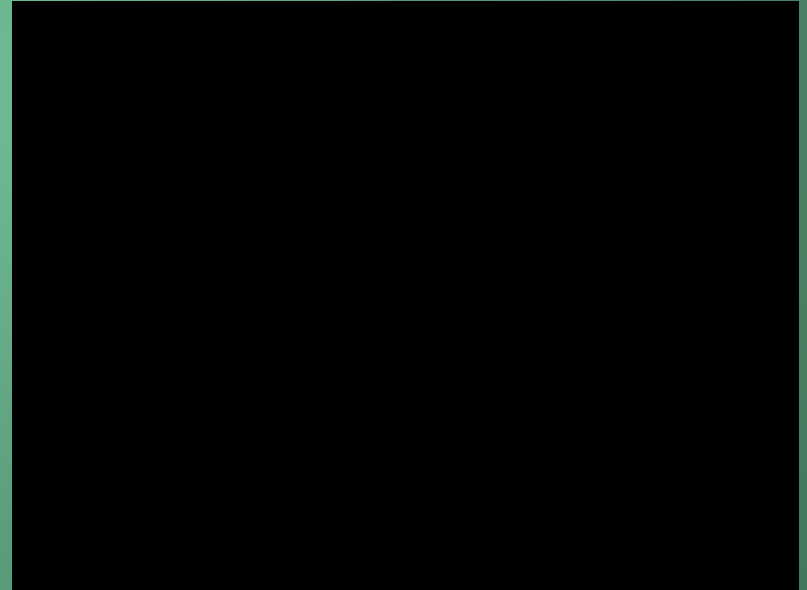
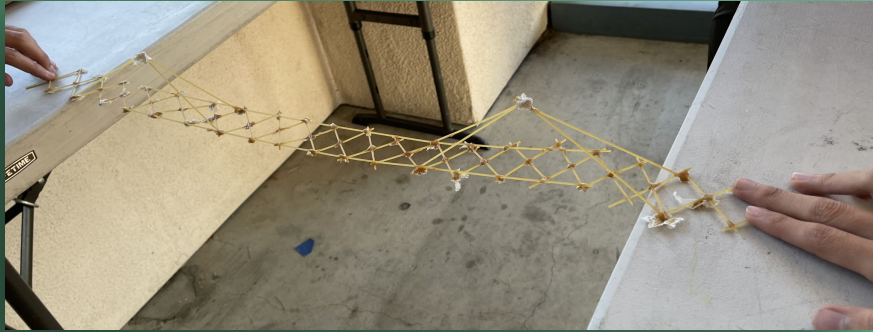
First Complete Bridge

Our first bridge is made, it is 30 inches long. We built the X design that we made in TinkerCad and added two improvised arches as well as spaghetti on the sides of the middle part of the bridge to reinforce the unity of the bridge.



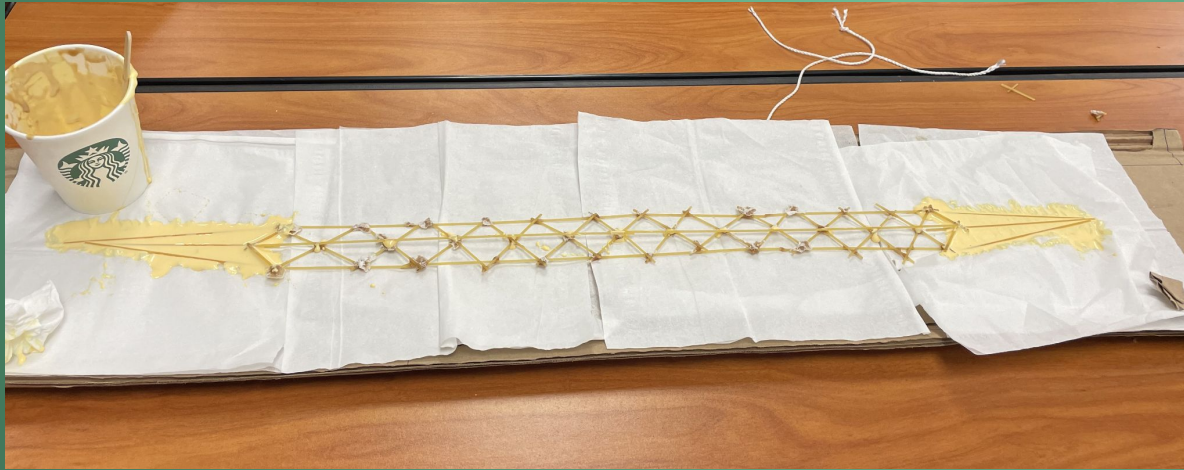
First Test

Our first test went bad bad, the bridge broke before we even filled the water because the edges were poorly designed, the bridge wasn't completely broken but our first design went out the window, so we fixed it. (vid = bridge breaking)



Third and Final Design

Our second design used the broken bridge and as we fixed it, we added a lot of glue on the edges and made it very very VERY strong.



Second Test (FINAL DESIGN)

It broke before we could start the test but we fixed it.



Thanks cuh

