

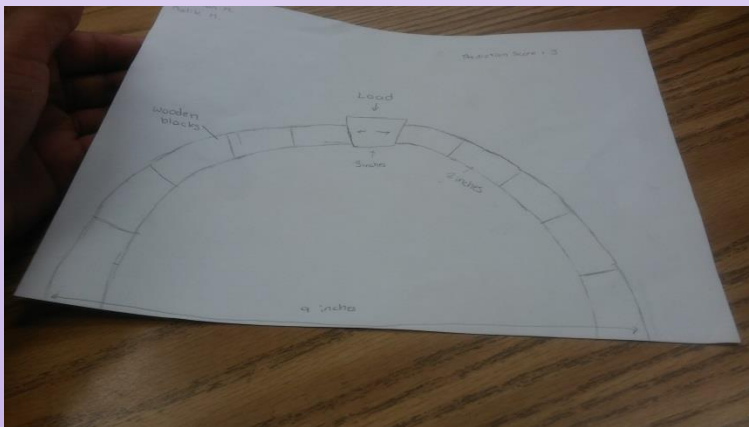
Arch Bridge Design Competition

Jonathan, Tyler, Malik

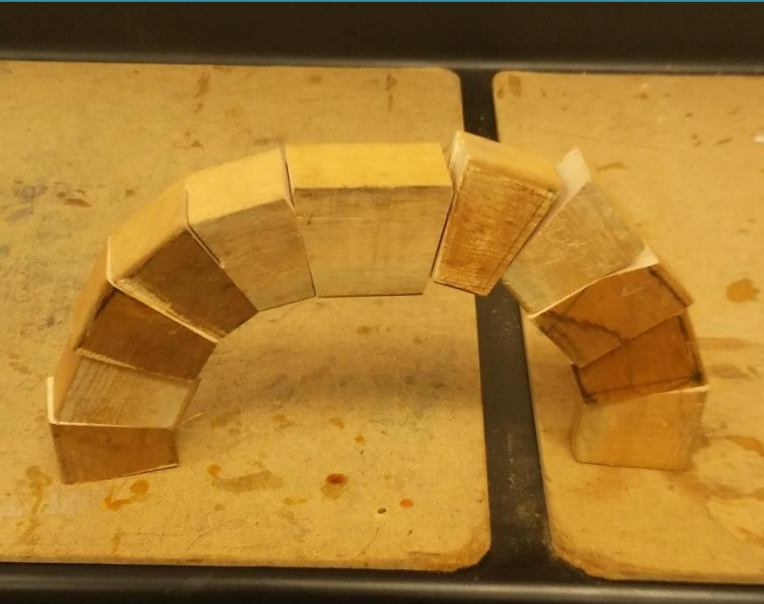
Design

We are using wood because it is the easiest thing to manipulate. It is also the optimal material to use for our design. Our bridge consists of multiple blocks shaped in an arch shape that are being held together by the force that the load provides.

Our prediction score is 3



Final Design



block span: 2.5
Score: 9.25

Lessons Learned

- I believe that our design was correct and I would repeat that aspect of the project.
- If I were to do the project again I would use a lot smaller pieces so that the ratio would be a lot larger.