

Date: 10.22.15

## Wednesday Challenge Form

**Group Members:** Maxwell and Moses Apostol

**Problem Statement:** Create the most complex structure you can,  
And then build a structure that your classmates have made you.

**Approach:** We wanted to make the design as complex as possible, so Like some of the veterans suggested, we created an model that would have needed alternating color bricks. While applying this, we then created the shape of heart shaped arch without a centerpiece. But, since we were concerned of building and the difficulty of making it stand, we then decided we would allow Them to build a bridge connecting out 2 centerpieces. But we added a little twist. We didn't show them how to connect the two pieces, and also, how many we would need, and as an extra challenge, we would make them go UNDER the arch, not over it... hopefully they allow directions.

**Solution:.** You should have a simple model to complete,  
but used all the bricks.

**Lessons Learned:** Make a straightforward model, but make it buildable.