

Date:

## Wednesday Challenge Form

Group Members: Tyler, Nicolas, David, Kevin

**Problem Statement:** Students were to bond two pieces of metal to each other using an adhesive. The objective was to see how much sheer force that one would need to apply in order to break that bond.

**Approach:** My group decided to use duct tape as our adhesive. We wrapped it all around our pieces of metal until we thought that the bonds were fully, or at least sufficiently, strengthened.

**Solution:** Each team's product succeeded in holding 16 pounds of iron.

**Lessons Learned:** It's important to test the things you build and whether or not it serves its function.