

## Wednesday Challenge Form

Group Members: Jaden, Michael, Aren, and Jess

**Problem Statement:** The challenge was to get a block of wood to be Exactly two inches in length without using power tools. Along with that we were practicing Consistency and trying to get all edges of the block to two inches.

**Approach:** We first sanded down one side it was as flat as we could get it then we measured out where two inches was on the block. We used a carpenters square to help our accuracy when drawing the line. After that we put it in a clamp and the veteran in our group grabbed a hand saw and cut it, to the best of his ability, straight next to the line. We then sanded it down and brought it to Mr. Miller for measuring. The next attempt was without a veteran.

We were still working after every other group had finished. We started out with a piece of wood and followed the same steps we had the previous day however it took much longer. Another problem we encountered was the fact that a memeber of our group had chipped out piece of wood so when we eventually got to measuring two of the sides were terribly off. But the other two were very close to being exactly two inches.

**Solution:**

**Lessons Learned:**