Wednesday Challenge Form

Group Members: Carlos, Trevor, Kieala, William

Problem Statement: Cut a piece of wood to two inches with a hand saw as accurate as possible.

Approach: We first measured the piece of wood and then marked a line at 2 inches. Then, we put the wood on the holder and then used the hand saw to cut it. We cut to the left of the line so that we could later use the sandpaper to make it as small as needed.

Solution: We used 3 pieces of wood and in the end the measurement of the four edges with Mr. Miller's measuring tool showed that we did not surpass the 1/8 inch margin of error allowed. But, three of the edges were smaller than 2 inches by a miniscule margin.

Lessons Learned: If I were to do this again, I would cut to the left of the line for our second and third pieces of wood, and then use sandpaper afterwards to make the side smaller.